

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042219\
 Data File : VX009095.D
 Acq On : 22 Apr 2019 14:25
 Operator : JC/SP
 Sample : VX0422WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 10:30:51 AM

Quant Time: Apr 23 03:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	140252	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.50	113	104127	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	417243	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	147870	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52454	23.096	ug/l	96
3) Chloromethane	1.32	50	64945	23.292	ug/l	99
4) Vinyl Chloride	1.40	62	60622	22.339	ug/l	98
5) Bromomethane	1.64	94	31982	21.220	ug/l	97
6) Chloroethane	1.72	64	38584	24.178	ug/l	95
7) Trichlorofluoromethane	1.93	101	68944	21.759	ug/l	99
8) Diethyl Ether	2.19	74	30790	21.249	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43017	21.234	ug/l	99
10) Methyl Iodide	2.51	142	42456	21.890	ug/l	100
11) Tert butyl alcohol	3.04	59	72719	117.892	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45089	21.323	ug/l	97
13) Acrolein	2.29	56	41206	77.315	ug/l	99
14) Allyl chloride	2.73	41	103590	22.455	ug/l	99
15) Acrylonitrile	3.14	53	178865	114.232	ug/l	100
16) Acetone	2.45	43	156987	108.940	ug/l	100
17) Carbon Disulfide	2.57	76	134464	22.350	ug/l	100
18) Methyl Acetate	2.78	43	79133	22.003	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	167035	22.170	ug/l	98
20) Methylene Chloride	2.85	84	54364	22.060	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	47989	21.277	ug/l	92
22) Diisopropyl ether	3.85	45	204815	22.848	ug/l	97
23) Vinyl Acetate	3.81	43	907893	115.214	ug/l	99
24) 1,1-Dichloroethane	3.70	63	99403	22.090	ug/l	99
25) 2-Butanone	4.67	43	265867	115.423	ug/l	97
26) 2,2-Dichloropropane	4.58	77	65972	19.558	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55184	21.550	ug/l	100
28) Bromochloromethane	5.02	49	38282	19.297	ug/l	99
29) Tetrahydrofuran	5.13	42	177200	114.937	ug/l	99
30) Chloroform	5.21	83	89987	22.347	ug/l	99
31) Cyclohexane	5.58	56	95947	21.678	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	73494	22.021	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70236	20.776	ug/l	99
37) Ethyl Acetate	4.83	43	100606	23.127	ug/l	100
38) Carbon Tetrachloride	5.78	117	60540	21.123	ug/l	100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0422WBSD01

Manual Integrations
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Quant Time: Apr 23 03:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85554	20.785	ug/l	98
40) Benzene	6.14	78	216249	21.683	ug/l	100
41) Methacrylonitrile	5.04	41	56302	22.551	ug/l	99
42) 1,2-Dichloroethane	6.19	62	77229	21.860	ug/l	99
43) Isopropyl Acetate	6.45	43	153021	21.828	ug/l	100
44) Trichloroethene	7.21	130	51099	20.911	ug/l	97
45) 1,2-Dichloropropane	7.51	63	61768	22.324	ug/l	98
46) Dibromomethane	7.66	93	34352	21.333	ug/l	99
47) Bromodichloromethane	7.90	83	67337	21.321	ug/l	97
48) Methyl methacrylate	7.77	41	77658	22.419	ug/l	99
49) 1,4-Dioxane	7.74	88	29665	457.558	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	511679	114.569	ug/l	99
52) Toluene	8.78	92	129296	21.632	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	76145	20.949	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	85291	20.957	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	52952	22.353	ug/l	98
56) Ethyl methacrylate	9.18	69	93021	21.899	ug/l	99
57) 1,3-Dichloropropane	9.37	76	92018	21.816	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	219535	95.976	ug/l	100
59) 2-Hexanone	9.49	43	393283	114.217	ug/l	100
60) Dibromochloromethane	9.58	129	49275	21.703	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53338	21.816	ug/l	99
64) Tetrachloroethene	9.34	164	46209	20.979	ug/l	99
65) Chlorobenzene	10.14	112	130261	21.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46476	21.557	ug/l	99
67) Ethyl Benzene	10.25	91	240565	21.503	ug/l	100
68) m/p-Xylenes	10.36	106	174008	42.797	ug/l	99
69) o-Xylene	10.69	106	84270	21.301	ug/l	98
70) Styrene	10.71	104	146847	21.420	ug/l	99
71) Bromoform	10.85	173	36538	21.272	ug/l #	97
73) Isopropylbenzene	11.02	105	225930	22.273	ug/l	99
74) N-amyl acetate	10.90	43	130484	22.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84539	22.809	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	73480m	22.486	ug/l	
77) Bromobenzene	11.26	156	54529	21.306	ug/l	98
78) n-propylbenzene	11.36	91	258082	22.167	ug/l	99
79) 2-Chlorotoluene	11.42	91	156133	22.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	190581	22.389	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	26590	20.890	ug/l	95
82) 4-Chlorotoluene	11.51	91	178926	21.959	ug/l	99
83) tert-Butylbenzene	11.77	119	180408	22.075	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	190403	21.974	ug/l	99
85) sec-Butylbenzene	11.94	105	216197	22.181	ug/l	100
86) p-Isopropyltoluene	12.06	119	194477	21.702	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	95496	21.319	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	96214	21.188	ug/l	99
89) n-Butylbenzene	12.38	91	175327	21.008	ug/l	100
90) Hexachloroethane	12.60	117	31817	21.524	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	96504	21.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18057	21.398	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

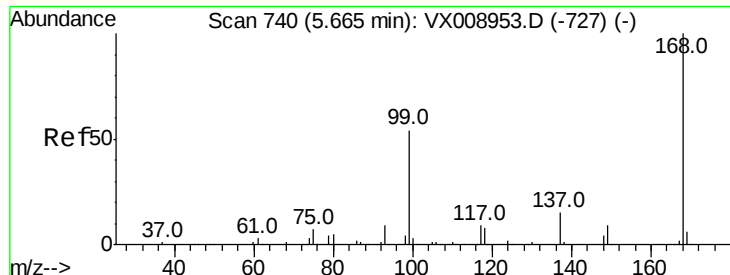
Manual Integrations
APPROVED

MMDadoda
4/23/2019 10:30:51 AM

Quant Time: Apr 23 03:49:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65686	20.571	ug/l	99
94) Hexachlorobutadiene	13.78	225	33525	21.051	ug/l	99
95) Naphthalene	13.83	128	218836	21.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66242	21.026	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

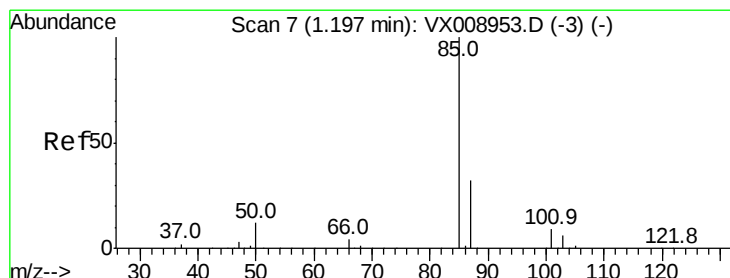
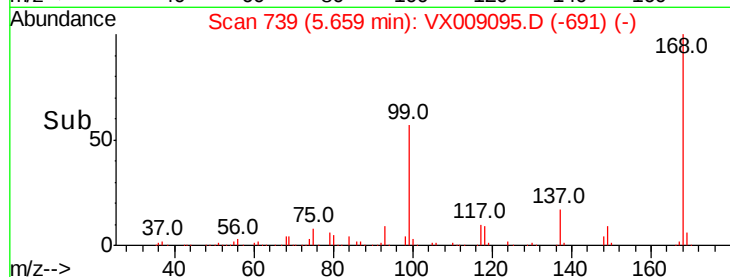
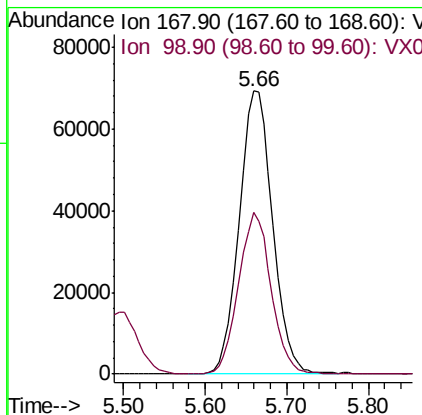
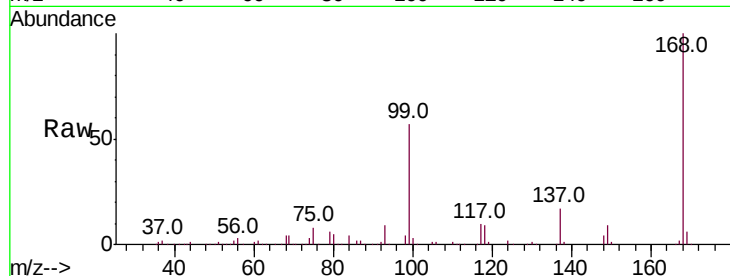
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	197181		
99	56.7	43.0	64.6	

Manual Integrations
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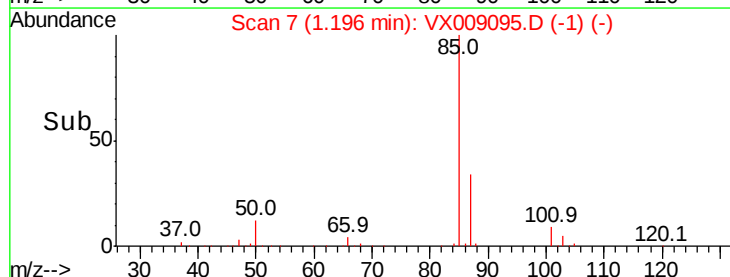
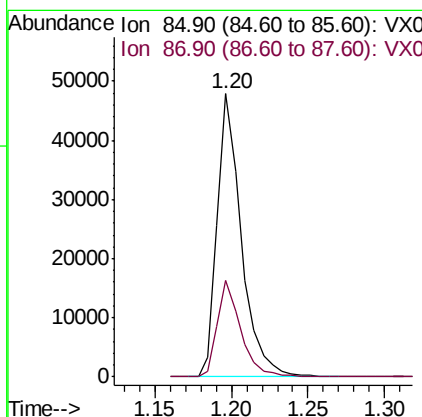
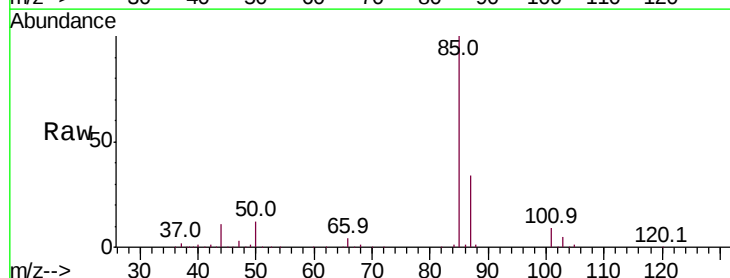
MMDadoda
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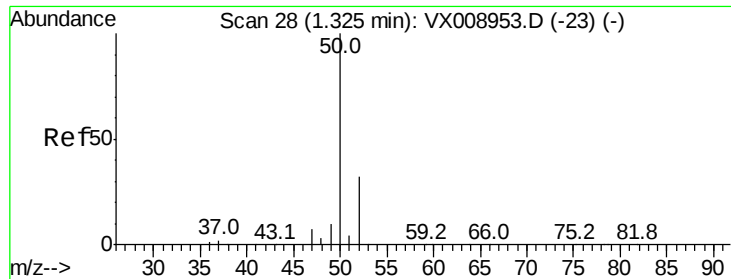


#2

Dichlorodifluoromethane
 Concen: 23.096 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	52454		
87	34.0	16.0	47.9	





#3

Chloromethane

Concen: 23.292 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 50 Resp: 64945

Ion Ratio Lower Upper

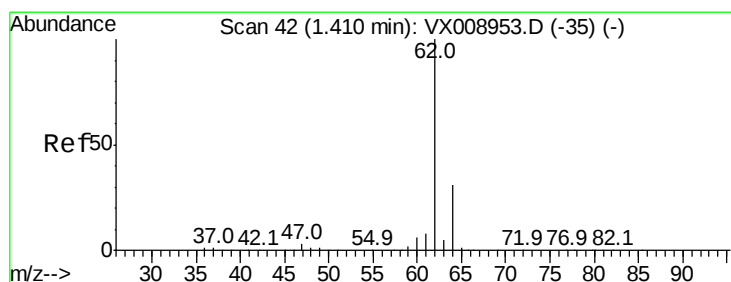
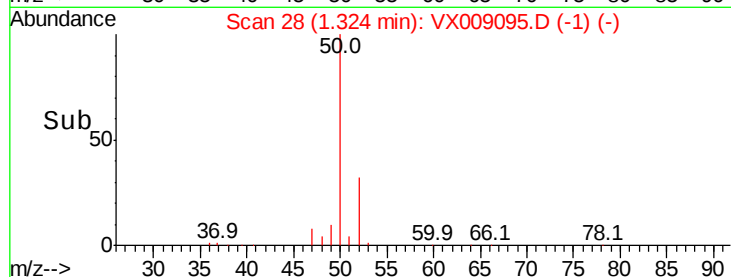
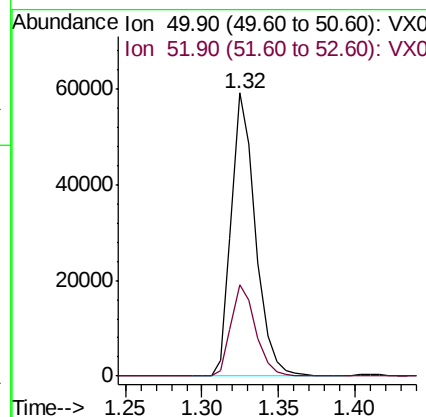
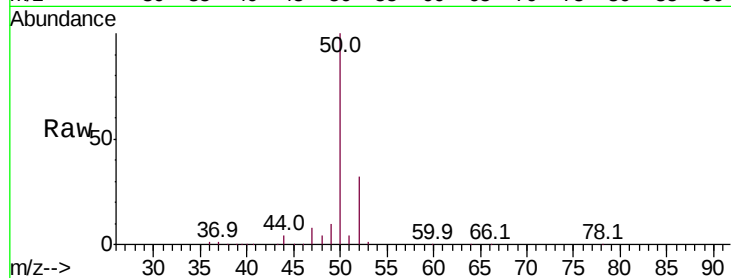
50 100

52 32.2 25.5 38.3

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#4

Vinyl Chloride

Concen: 22.339 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009095.D

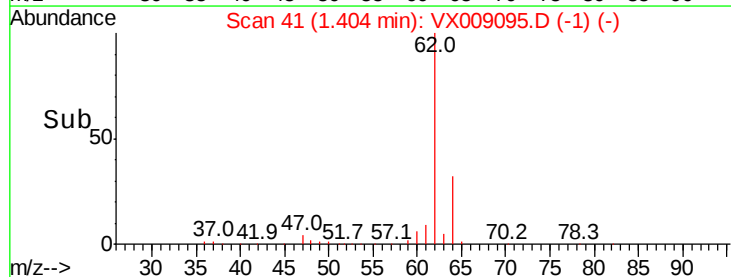
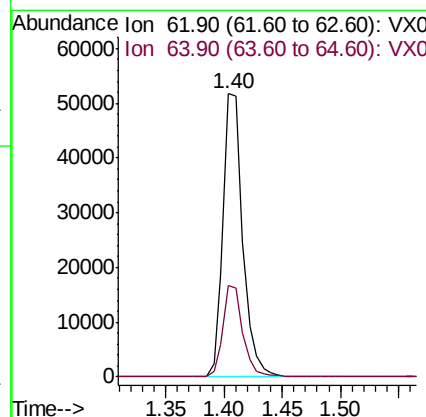
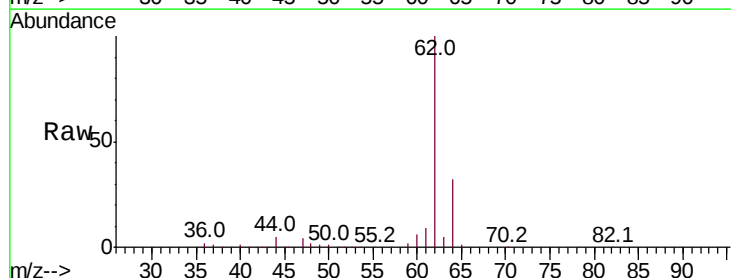
Acq: 22 Apr 2019 14:25

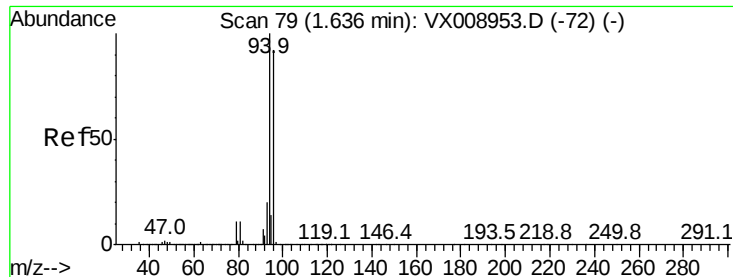
Tgt Ion: 62 Resp: 60622

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 21.220 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 94 Resp: 31982

Ion Ratio Lower Upper

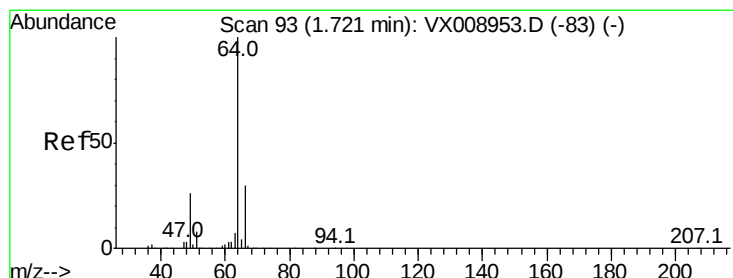
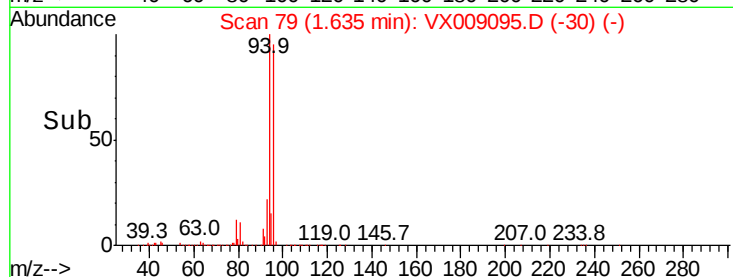
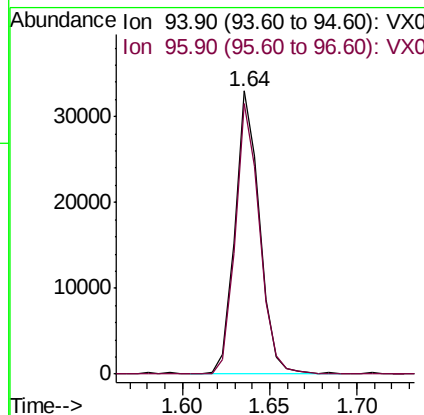
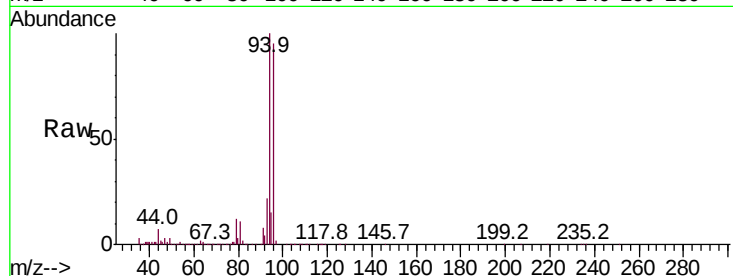
94 100

96 95.6 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 24.178 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009095.D

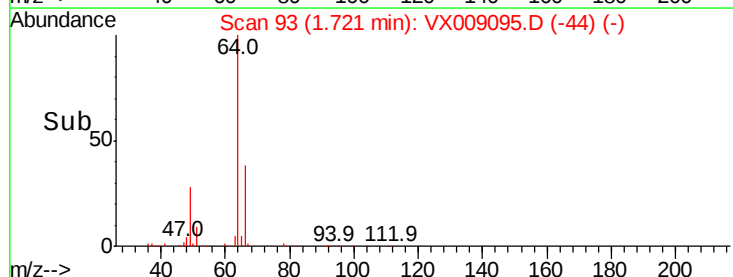
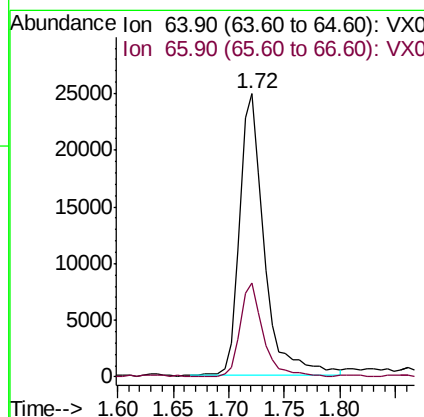
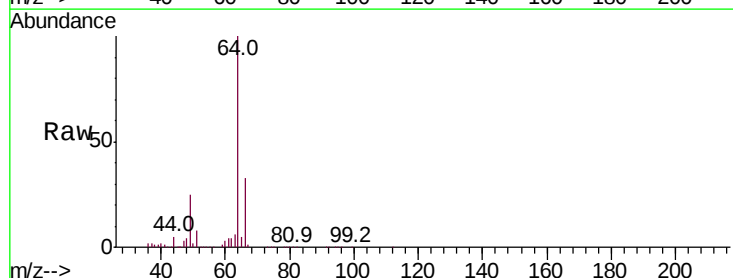
Acq: 22 Apr 2019 14:25

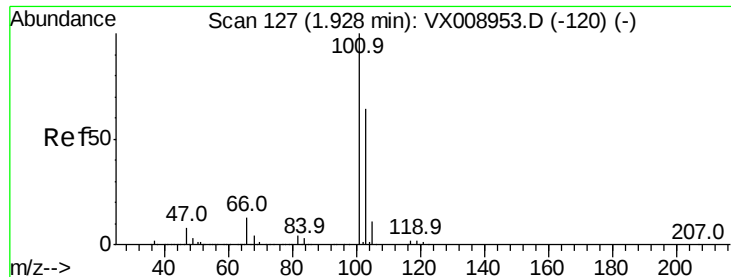
Tgt Ion: 64 Resp: 38584

Ion Ratio Lower Upper

64 100

66 33.1 24.2 36.2





#7

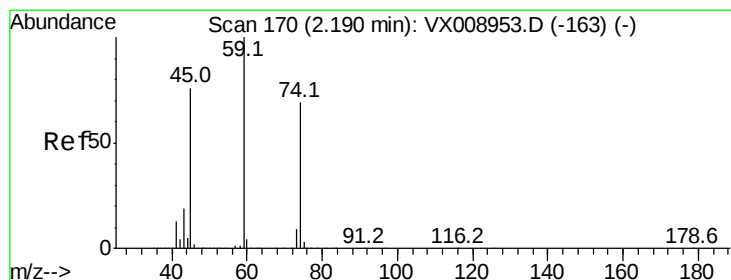
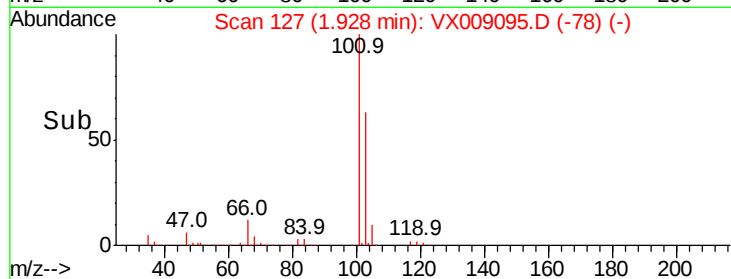
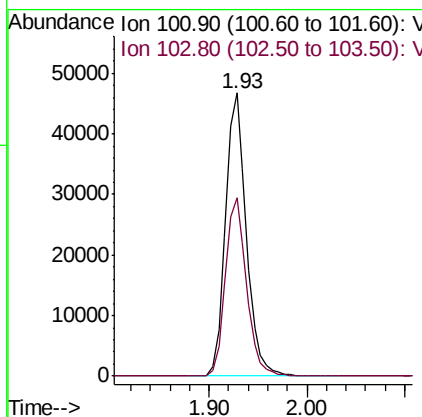
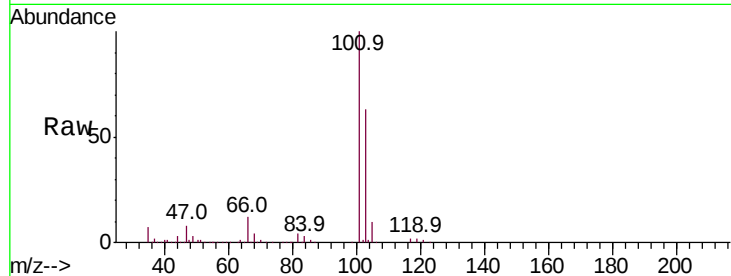
Trichlorofluoromethane
 Concen: 21.759 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.0	76.6

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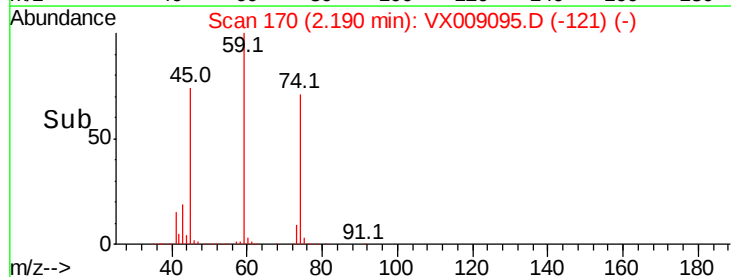
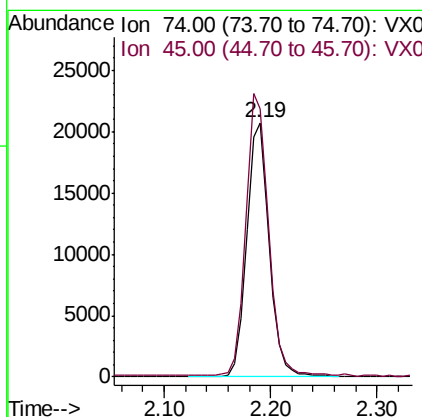
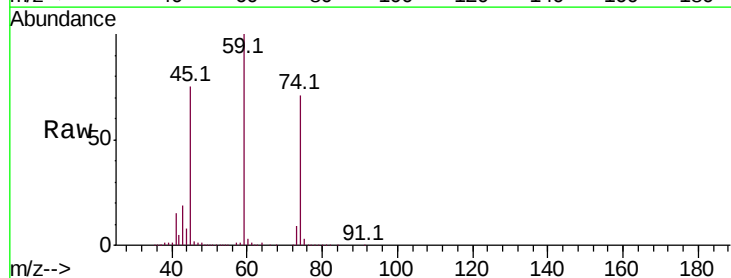
MMDadoda
 4/23/2019 10:30:51 AM

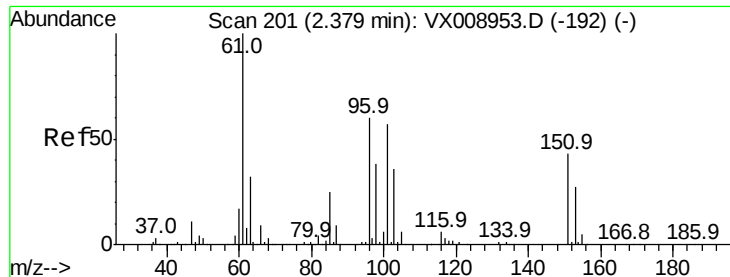


#8

Diethyl Ether
 Concen: 21.249 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.4	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.234 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

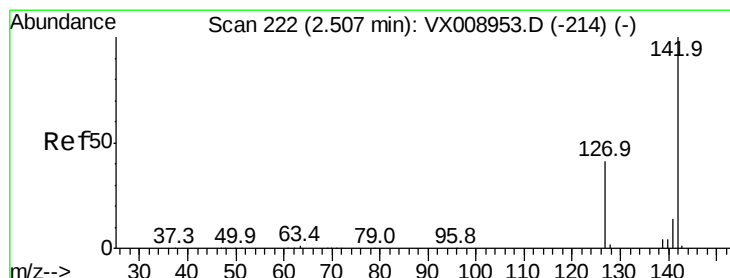
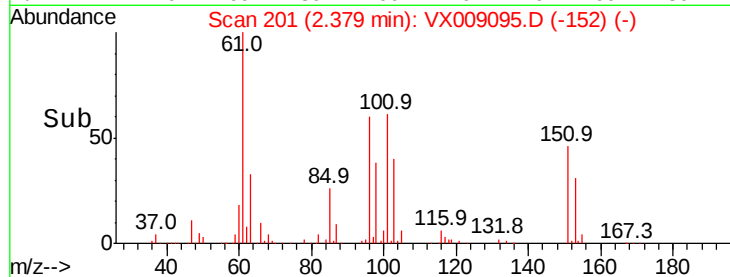
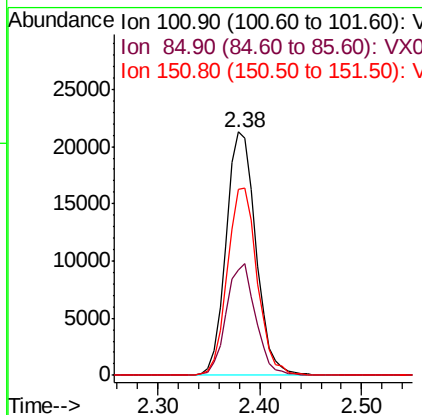
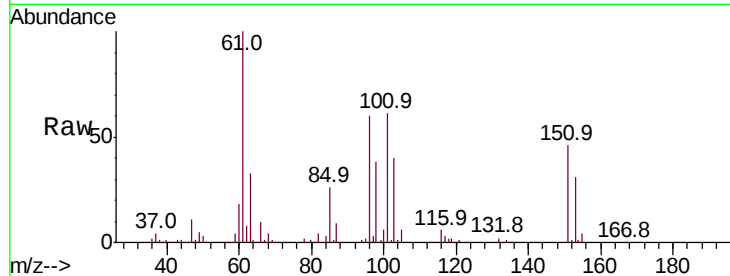
ClientSampleId :

VX0422WBSD01

Tot Ion:	101	Resp:	43017
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.7	53.5
151	76.8	62.7	94.1

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#10

Methyl Iodide

Concen: 21.890 ug/l

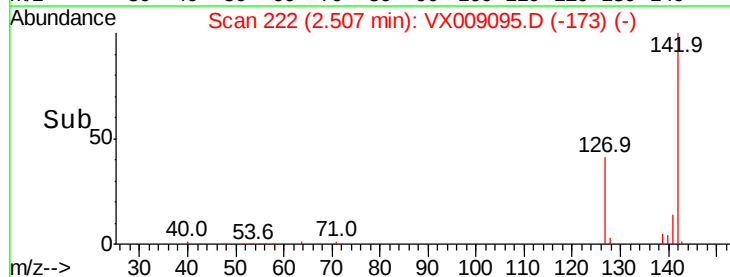
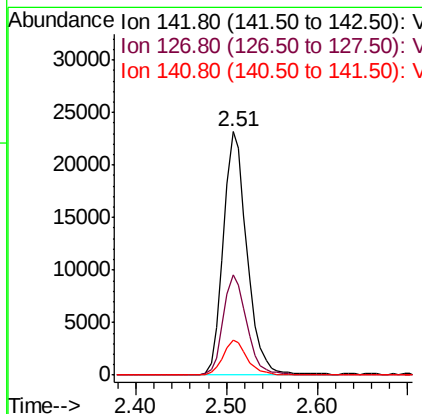
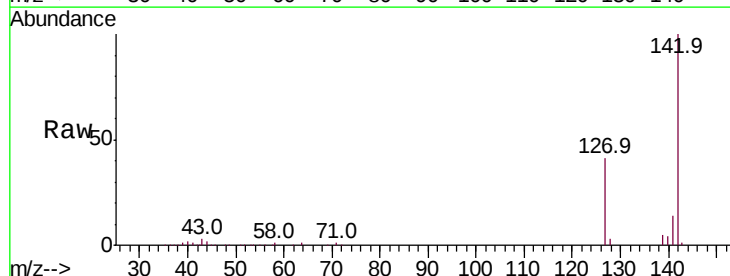
RT: 2.51 min Scan# 222

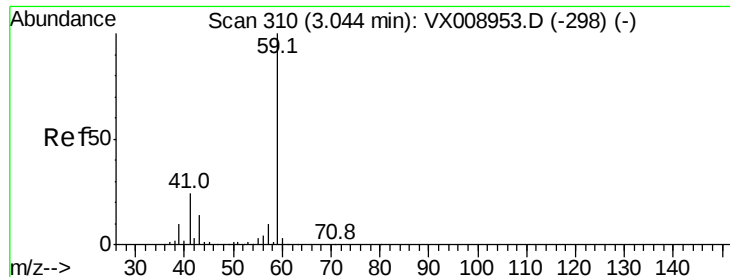
Delta R.T. 0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion:	142	Resp:	42456
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.8	49.2
141	14.3	11.4	17.2





#11

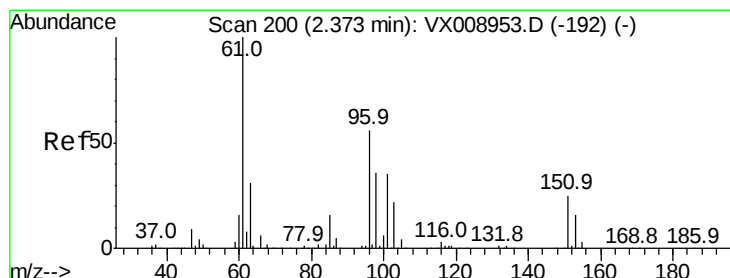
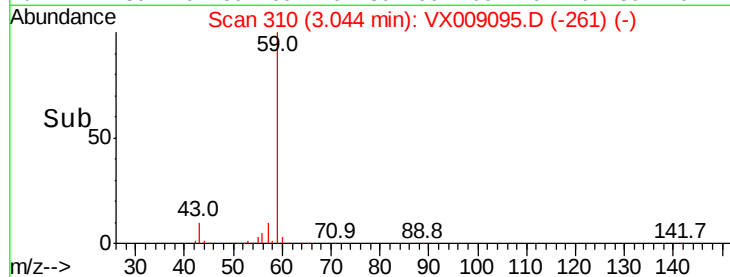
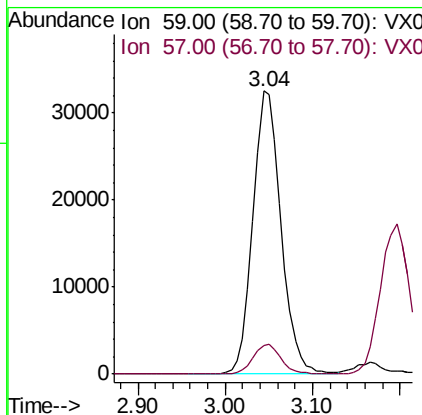
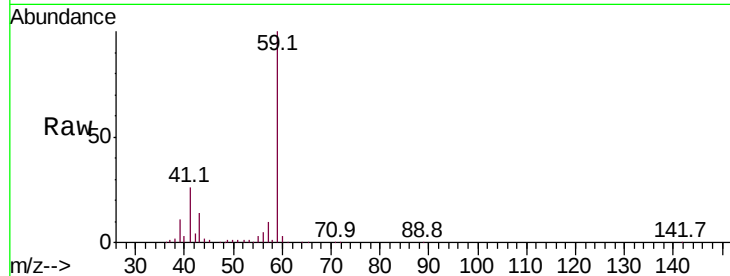
Tert butyl alcohol
Concen: 117.892 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	59	Resp	72719
Ion Ratio	100	Lower	Upper
57	10.6	8.4	12.6

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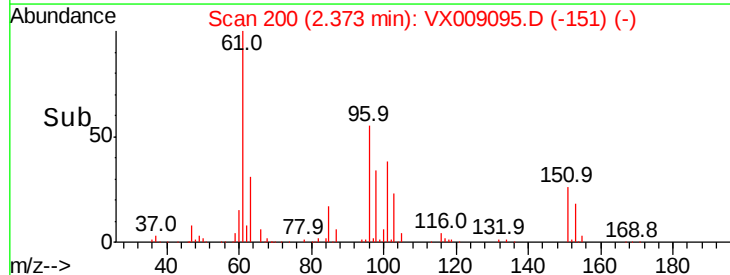
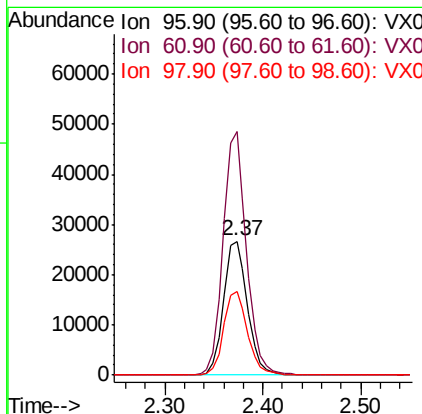
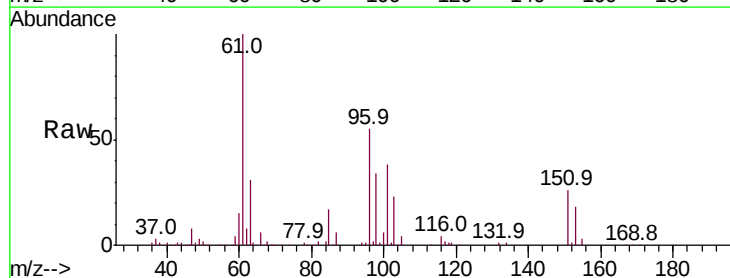
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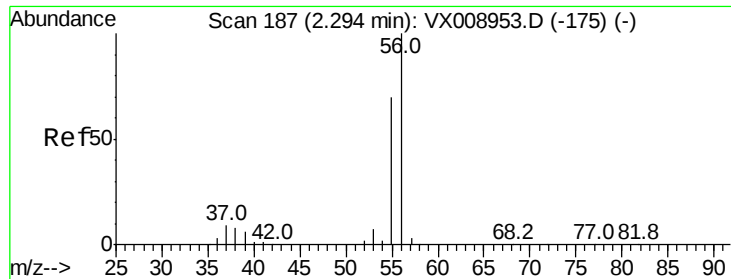


#12

1,1-Dichloroethene
Concen: 21.323 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion	96	Resp	45089
Ion Ratio	100	Lower	Upper
61	181.8	142.2	213.2
98	62.1	50.9	76.3





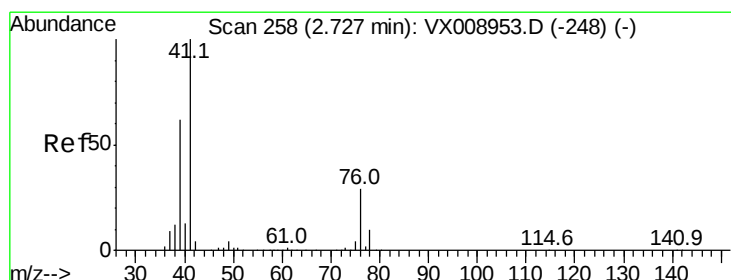
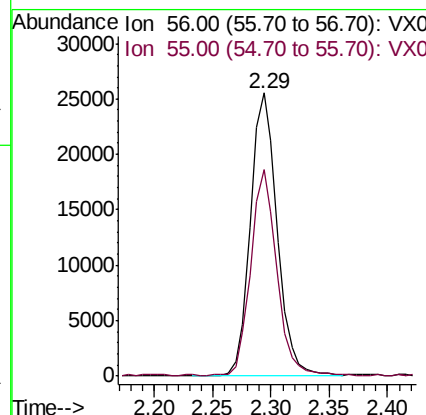
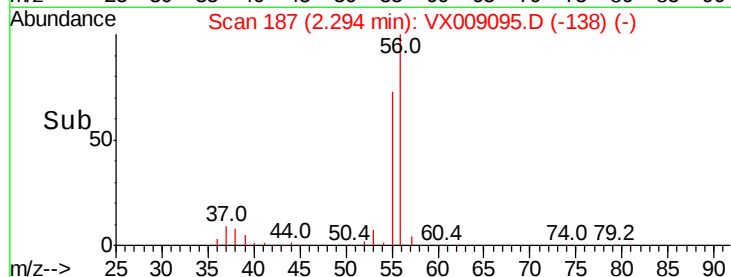
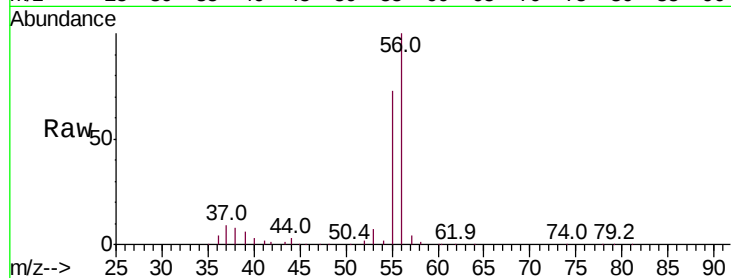
#13
Acrolein
Concen: 77.315 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 56 Resp: 41206
Ion Ratio Lower Upper
56 100
55 71.4 56.6 84.8

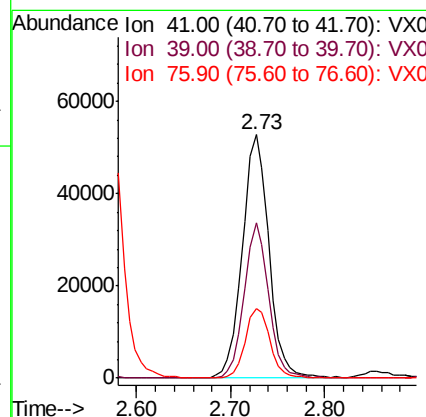
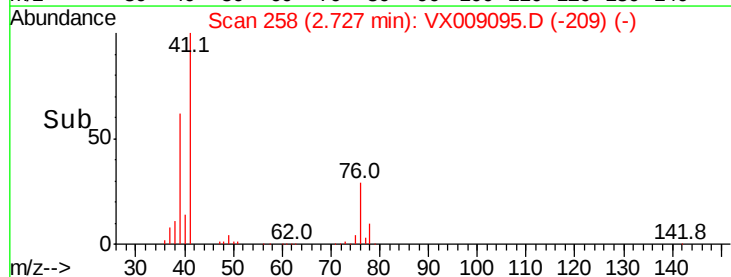
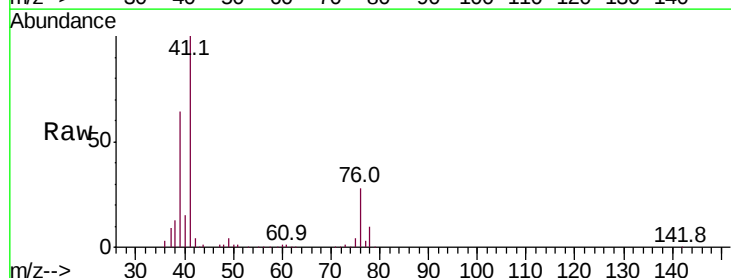
Manual Integrations
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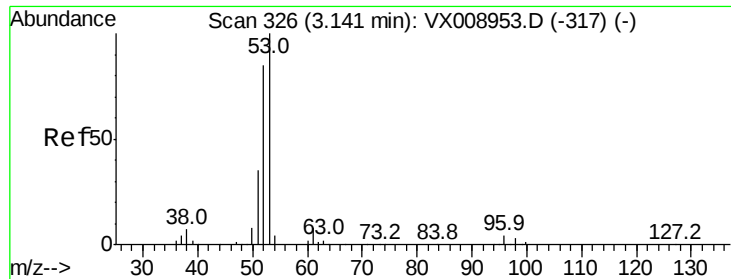
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#14
Allyl chloride
Concen: 22.455 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 41 Resp: 103590
Ion Ratio Lower Upper
41 100
39 59.0 46.7 70.1
76 26.9 22.0 33.0





#15

Acrylonitrile

Concen: 114.232 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

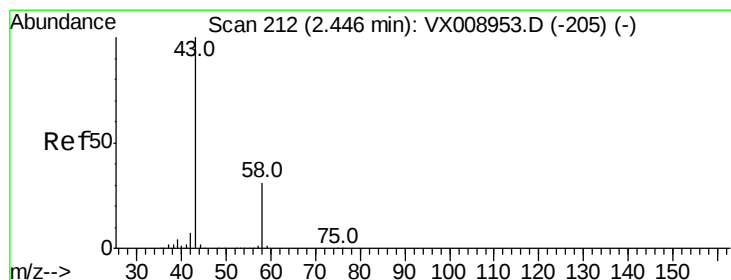
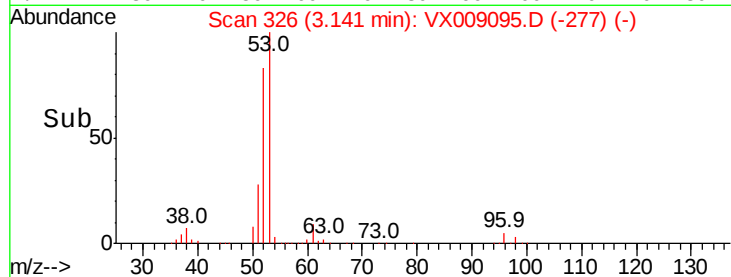
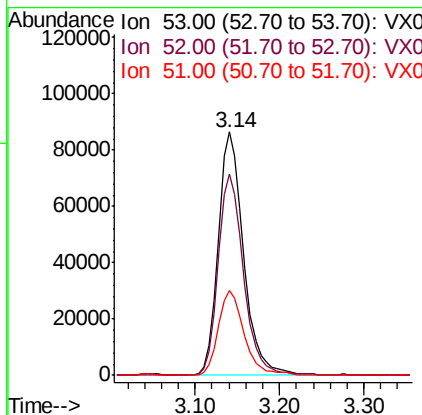
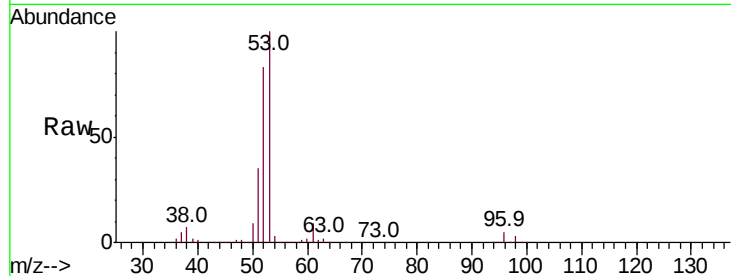
ClientSampleId :

VX0422WBSD01

Tot Ion:	53	Resp:	178865
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.6	100.0
51	36.0	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 108.940 ug/l

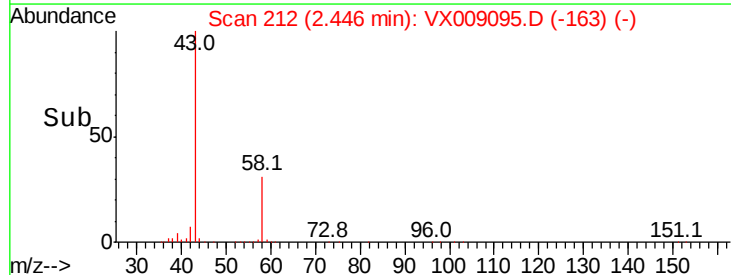
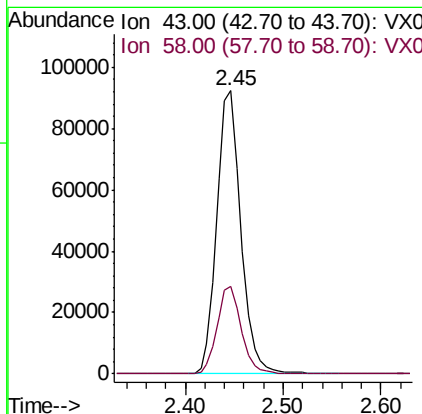
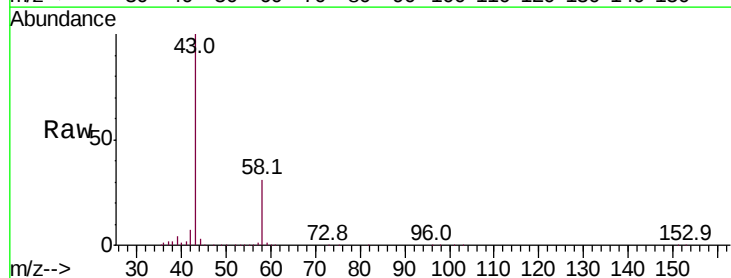
RT: 2.45 min Scan# 212

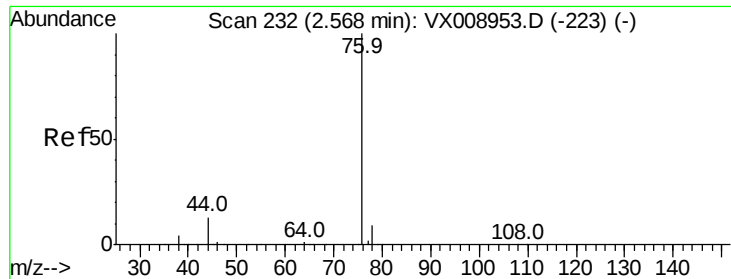
Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion:	43	Resp:	156987
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.8	37.2





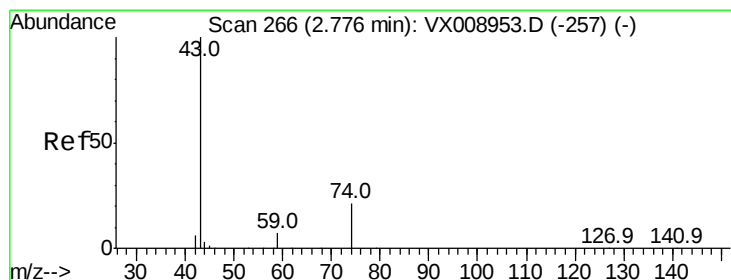
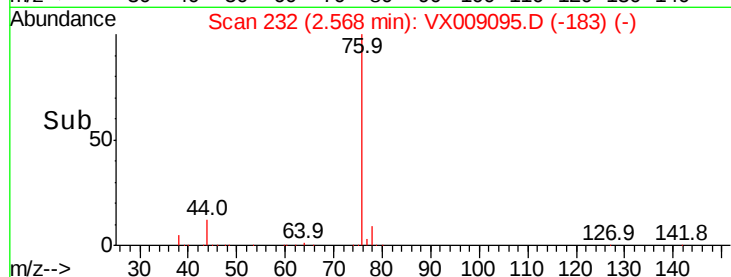
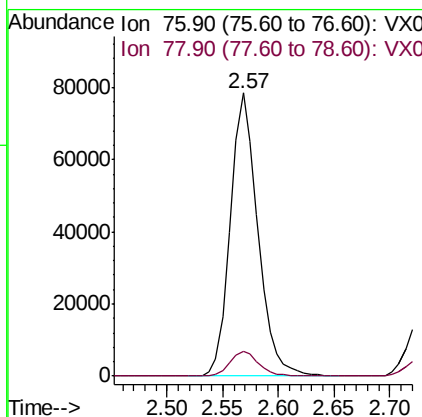
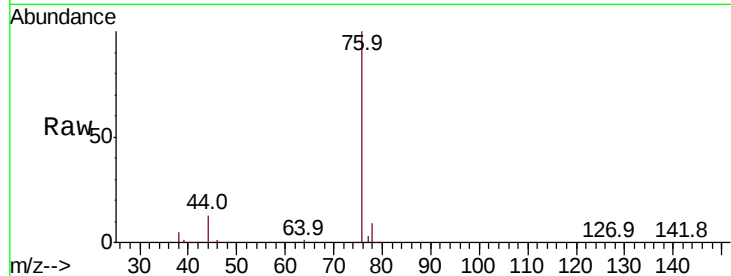
#17
Carbon Disulfide
Concen: 22.350 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

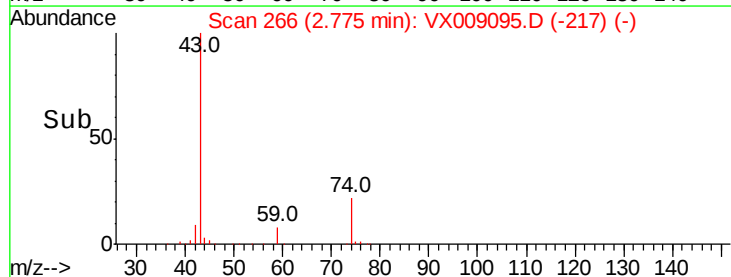
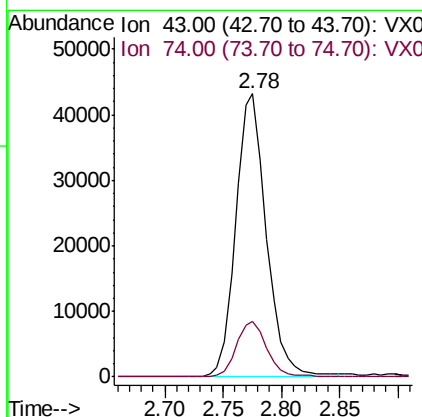
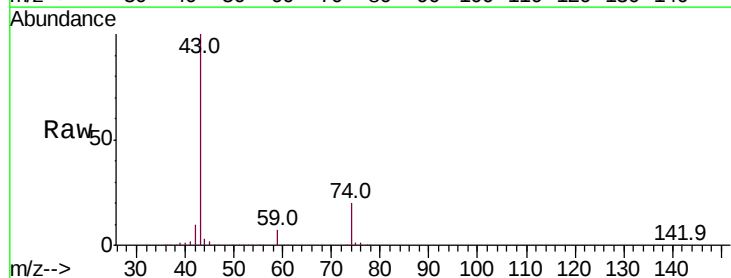
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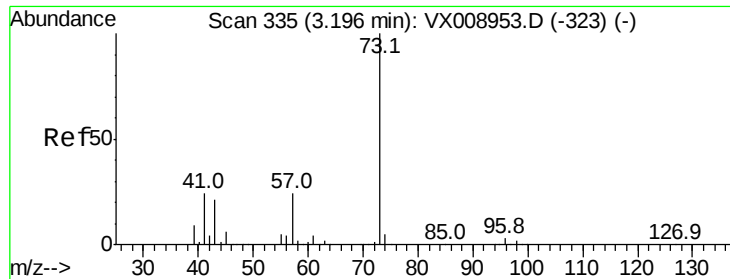
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#18
Methyl Acetate
Concen: 22.003 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	16.6	25.0





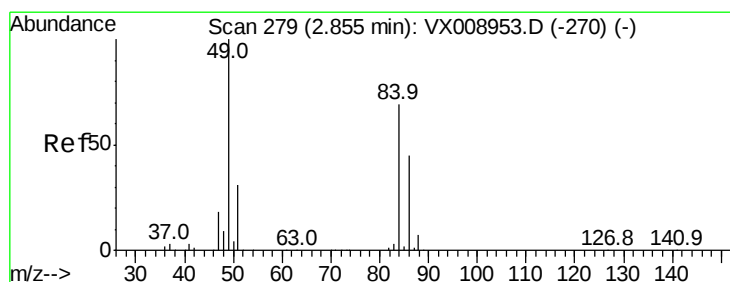
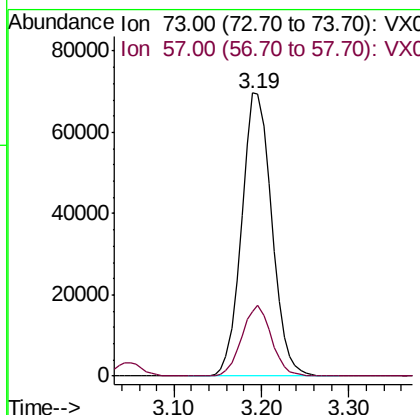
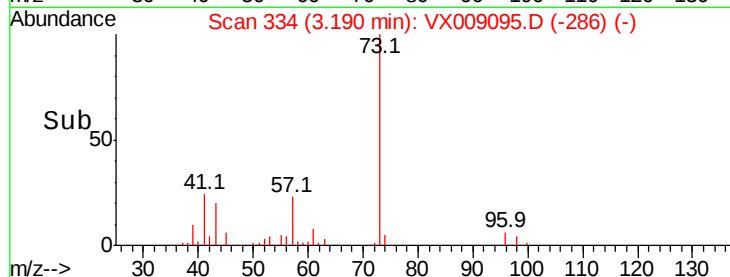
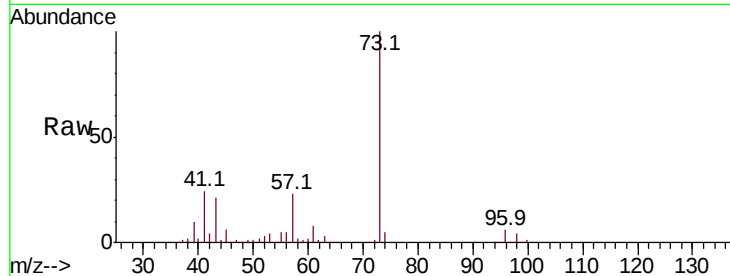
#19
Methyl tert-butyl Ether
Concen: 22.170 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 73 Resp: 167035
Ion Ratio Lower Upper
73 100
57 22.9 19.2 28.8

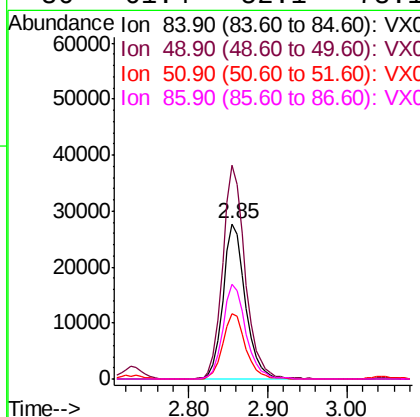
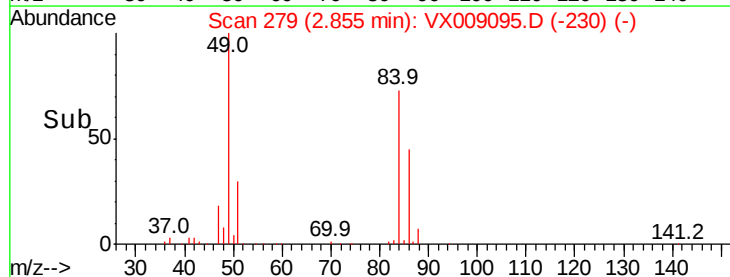
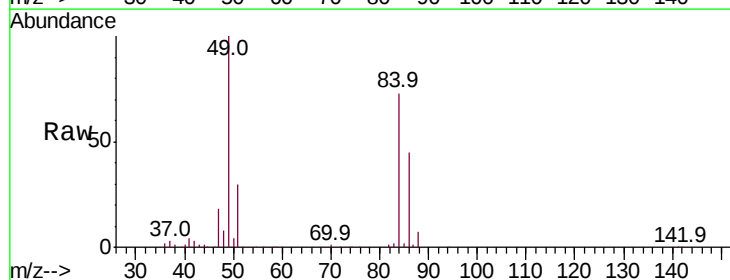
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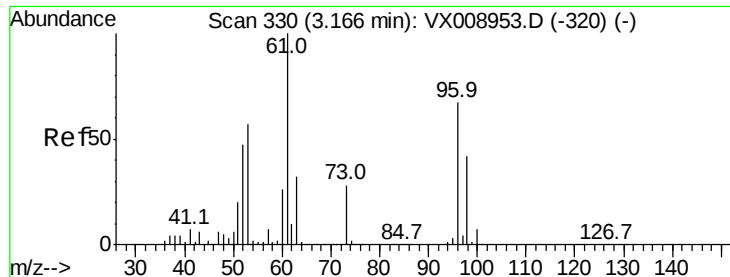
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#20
Methylene Chloride
Concen: 22.060 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 84 Resp: 54364
Ion Ratio Lower Upper
84 100
49 137.6 115.4 173.0
51 41.9 35.8 53.6
86 61.4 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 21.277 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 96 Resp: 47989

Ion Ratio Lower Upper

96 100

61 162.9 120.3 180.5

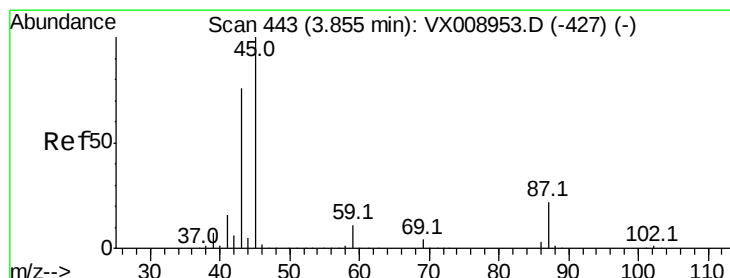
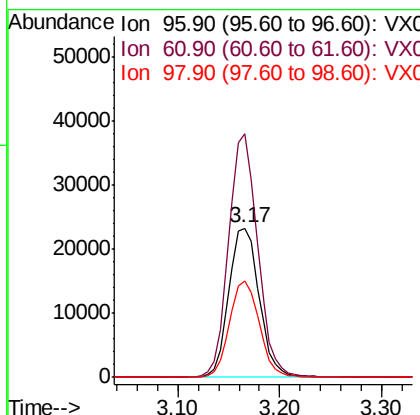
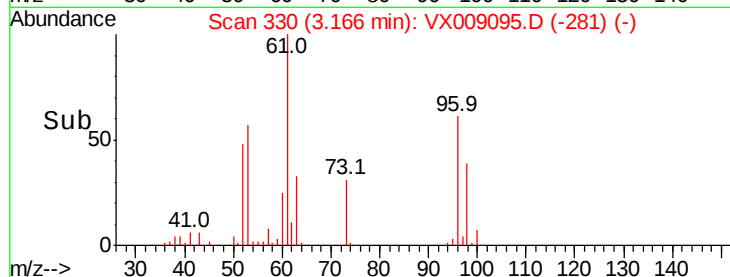
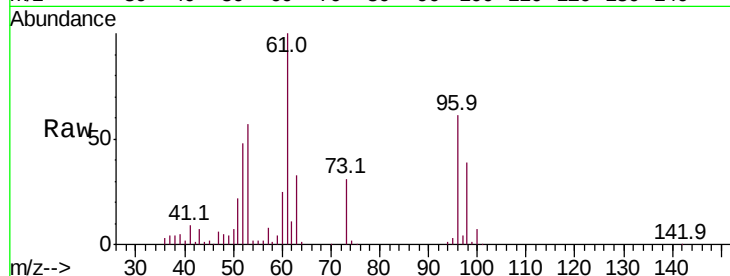
98 64.3 50.2 75.2

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#22

Diisopropyl ether

Concen: 22.848 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion: 45 Resp: 204815

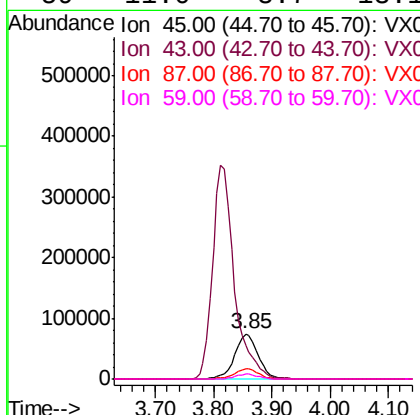
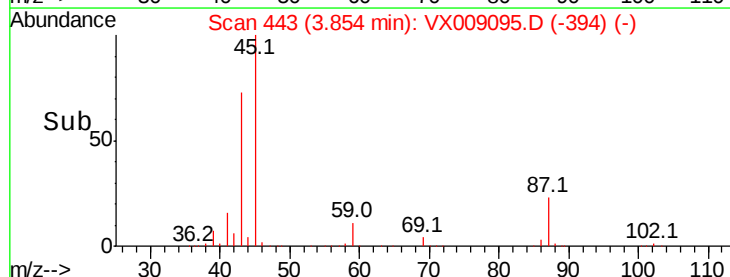
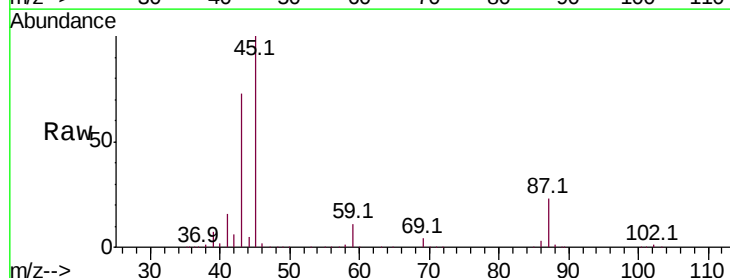
Ion Ratio Lower Upper

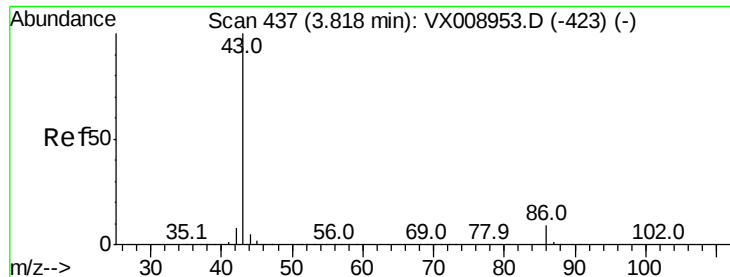
45 100

43 73.1 60.6 91.0

87 23.5 17.8 26.8

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 115.214 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 43 Resp: 907893

Ion Ratio Lower Upper

43 100

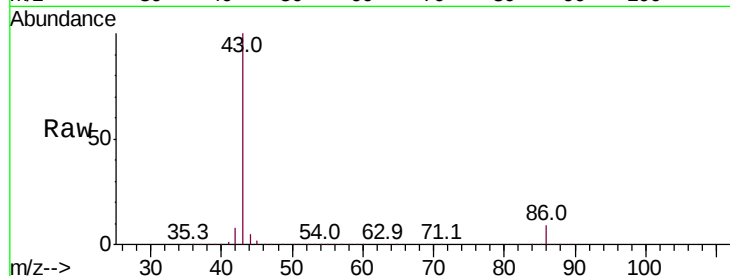
86 8.6 7.1 10.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

400000

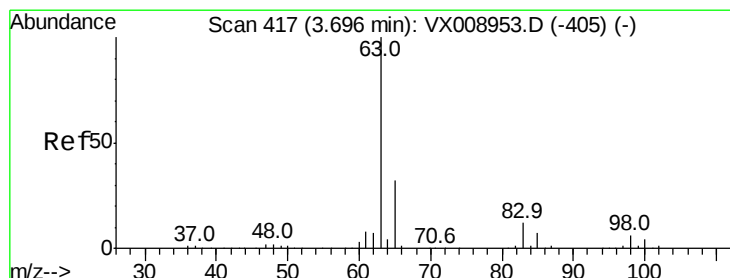
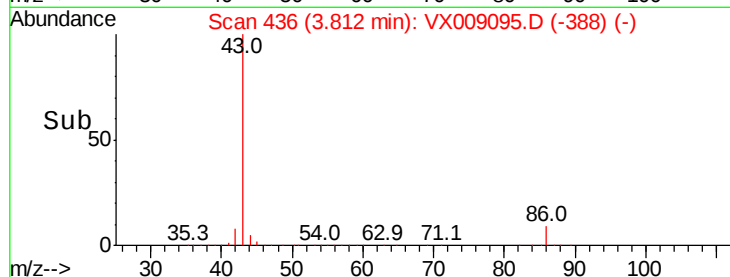
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.090 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

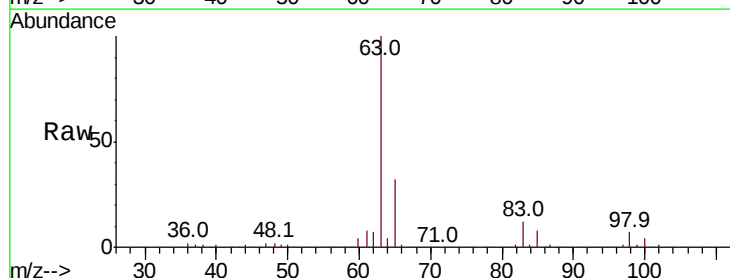
Tgt Ion: 63 Resp: 99403

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

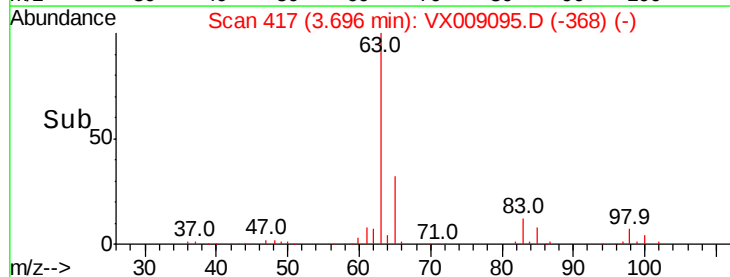
30000

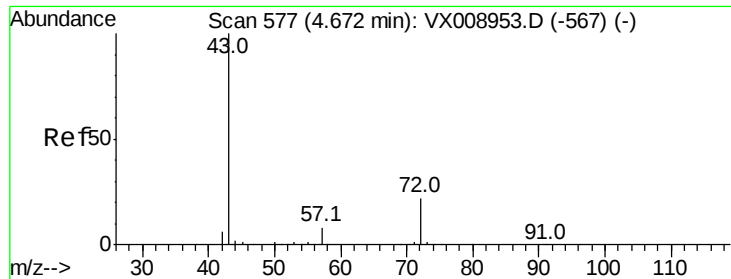
20000

10000

0

Time-->





#25

2-Butanone

Concen: 115.423 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 43 Resp: 265867

Ion Ratio Lower Upper

43 100

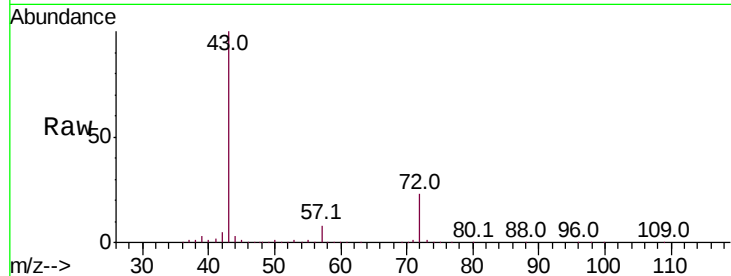
72 23.3 17.5 26.3

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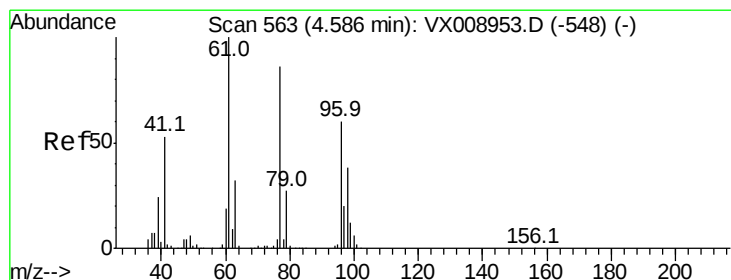
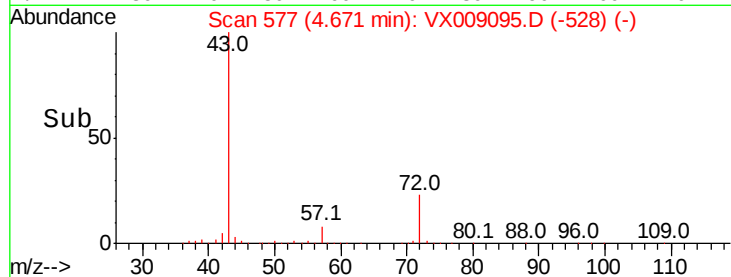
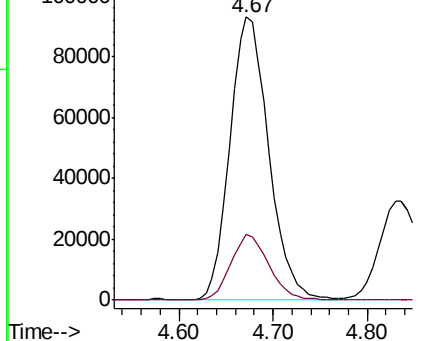
MMDadoda

4/23/2019 10:30:51 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.558 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009095.D

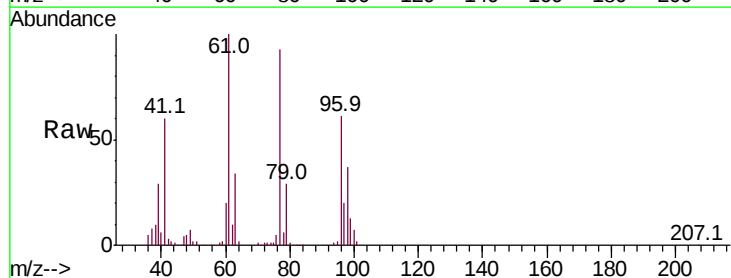
Acq: 22 Apr 2019 14:25

Tgt Ion: 77 Resp: 65972

Ion Ratio Lower Upper

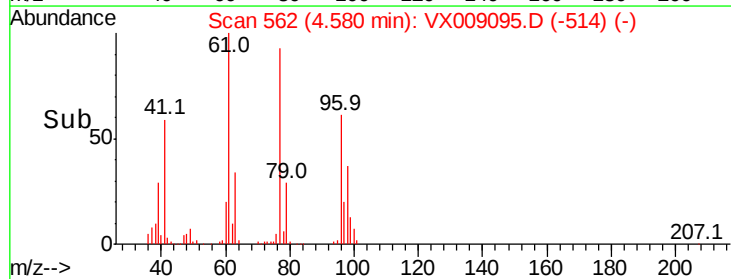
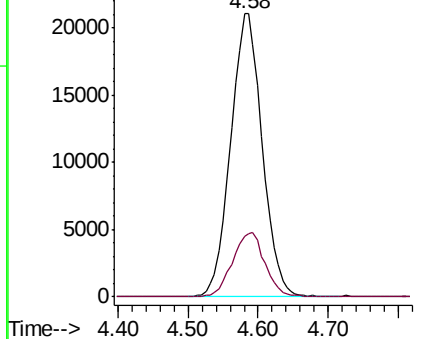
77 100

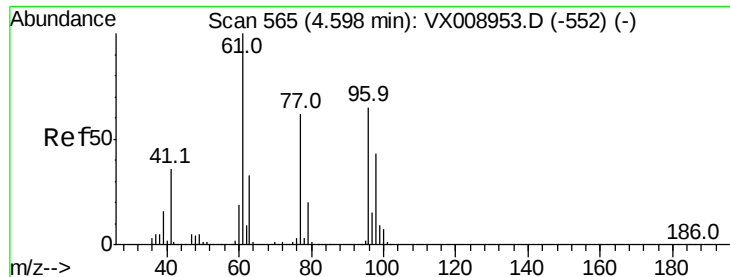
97 23.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

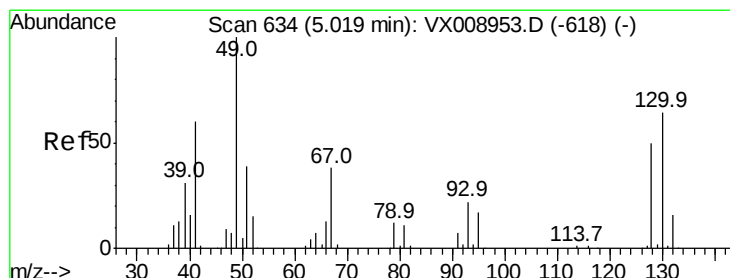
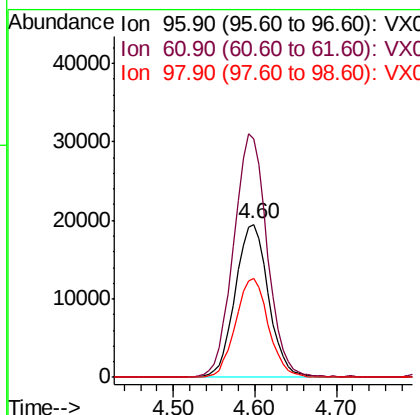
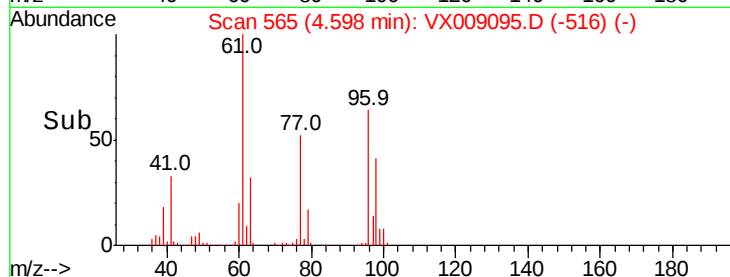
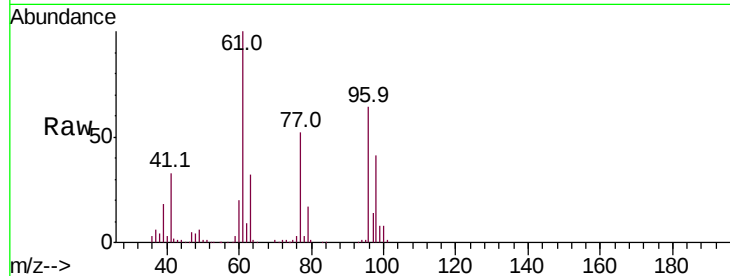
cis-1,2-Dichloroethene
Concen: 21.550 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	161.0	0.0	322.0	
98	63.9	0.0	128.4	

Manual Integrations
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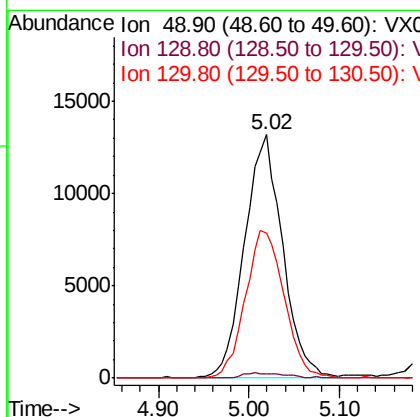
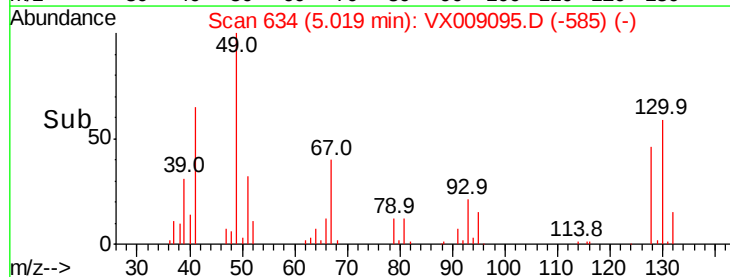
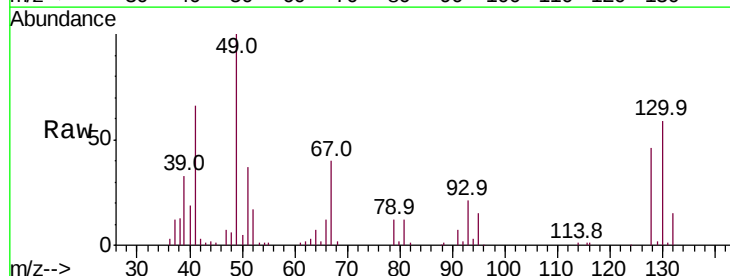
MMDadoda
4/23/2019 10:30:51 AM

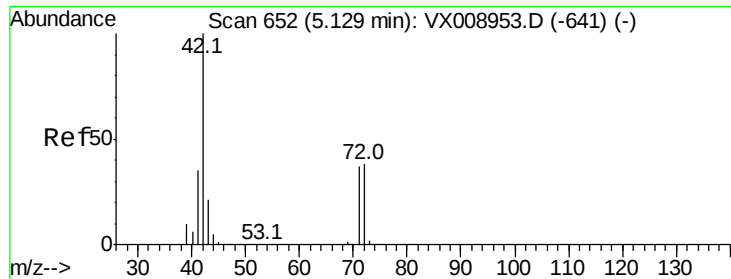


#28

Bromochloromethane
Concen: 19.297 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	3.6	
130	61.9	50.4	75.6	





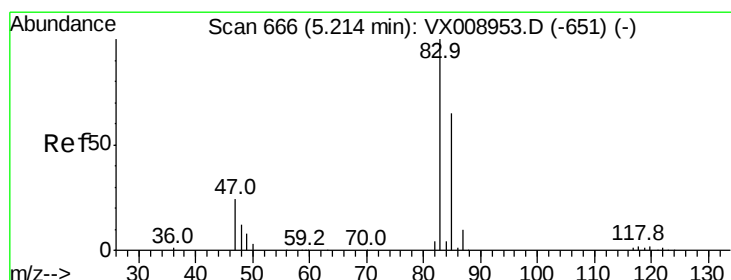
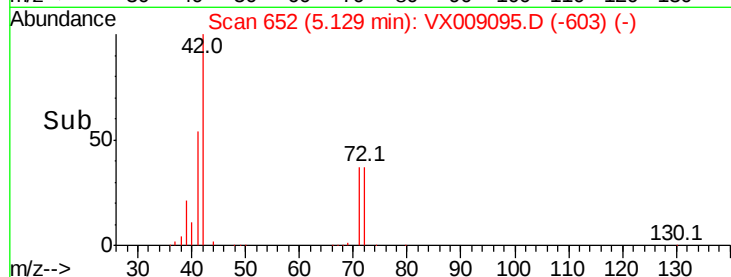
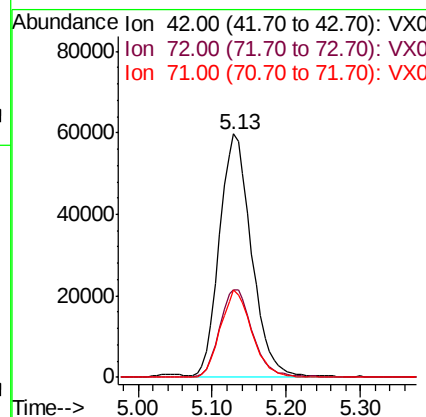
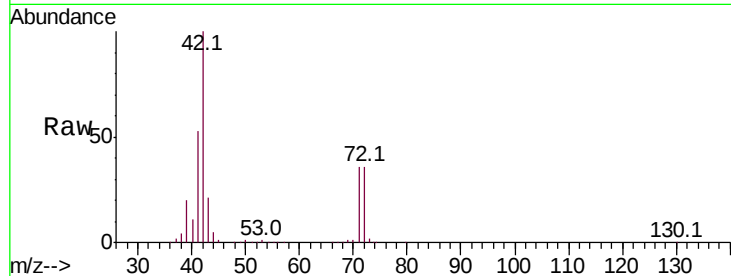
#29
Tetrahydrofuran
Concen: 114.937 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.5	30.6	45.8
71	35.6	28.8	43.2

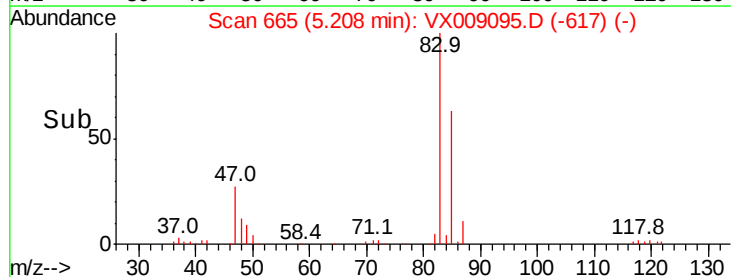
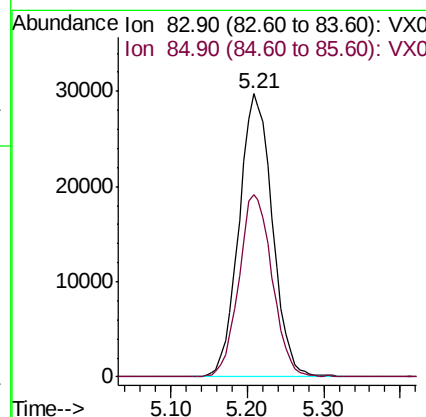
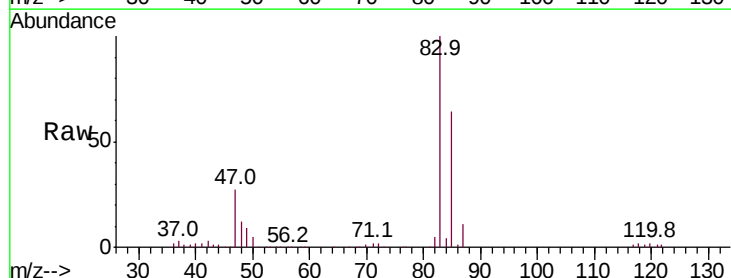
Manual Integrations
APPROVED

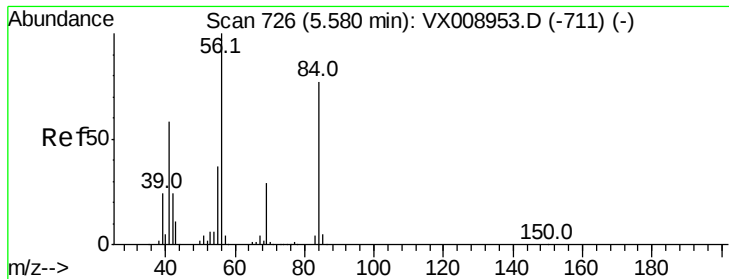
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4/23/2019 10:30:51 AM



#30
Chloroform
Concen: 22.347 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.9	77.9





#31

Cyclohexane

Concen: 21.678 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

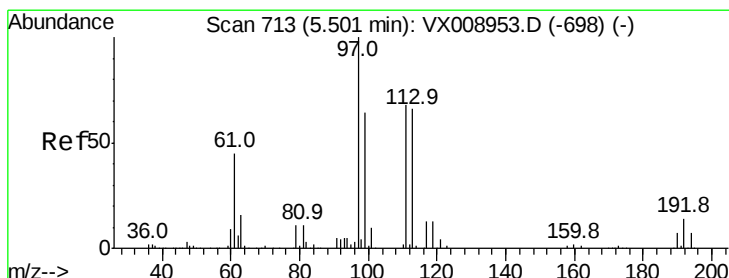
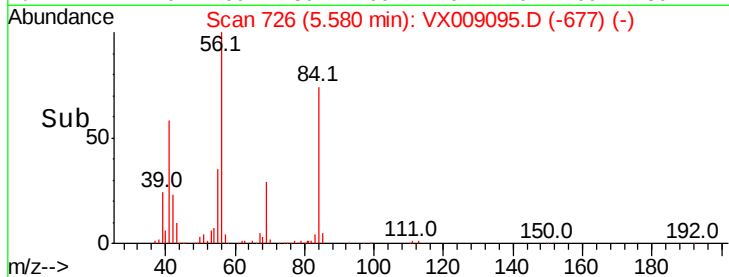
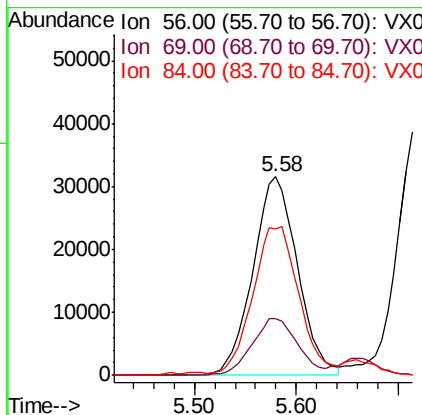
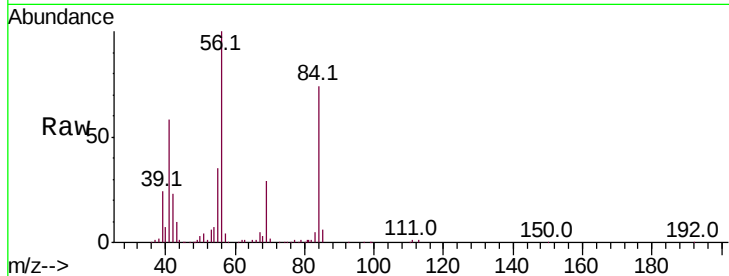
ClientSampleId :

VX0422WBSD01

Tot Ion:	56	Resp:	95947
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.3	34.9
84	71.9	61.7	92.5

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#32

1,1,1-Trichloroethane

Concen: 22.021 ug/l

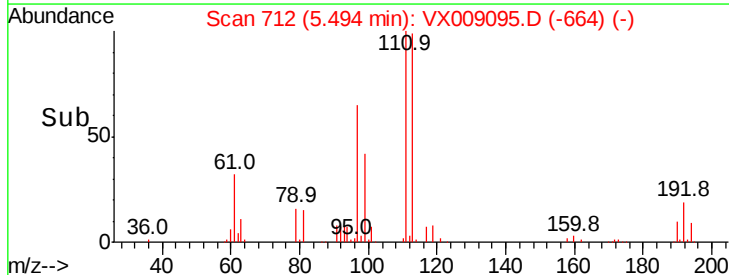
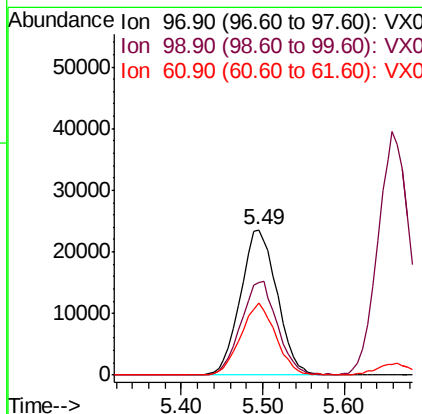
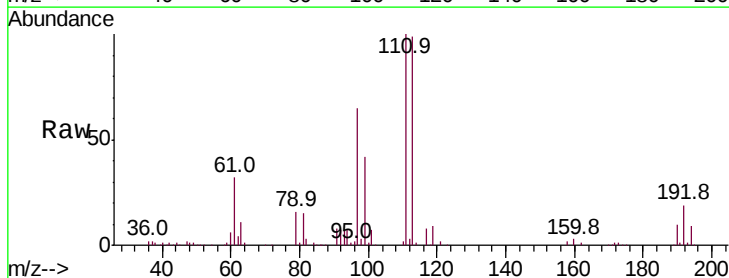
RT: 5.49 min Scan# 712

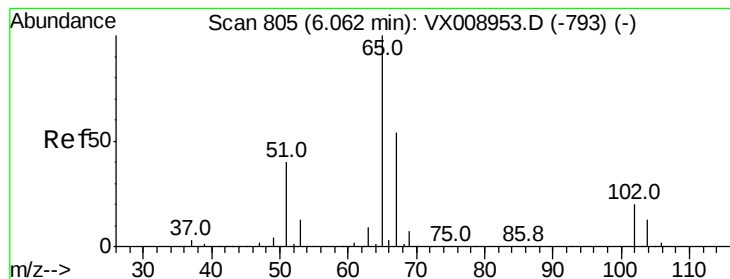
Delta R.T. -0.01 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion:	97	Resp:	73494
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	48.0	37.9	56.9





#33

1,2-Dichloroethane-d4

Concen: 50.471 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tot Ion: 65 Resp: 140252

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.6

Instrument :

MSVOA_X

ClientSampleId :

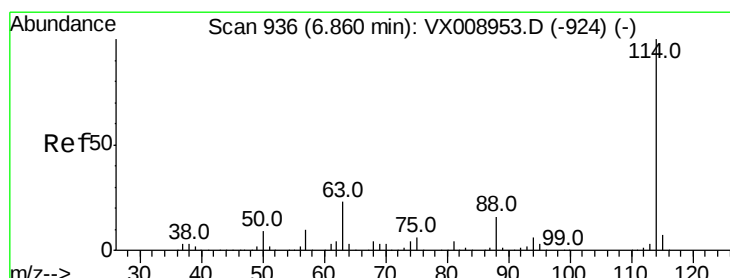
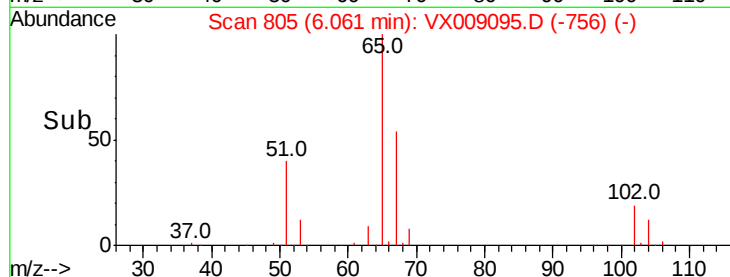
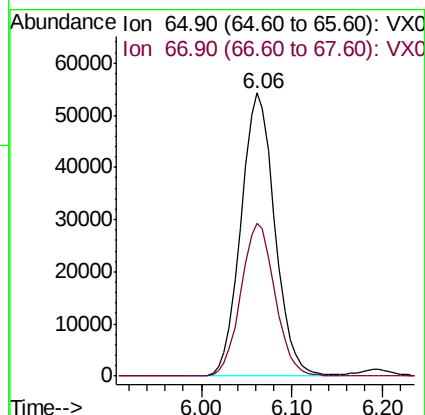
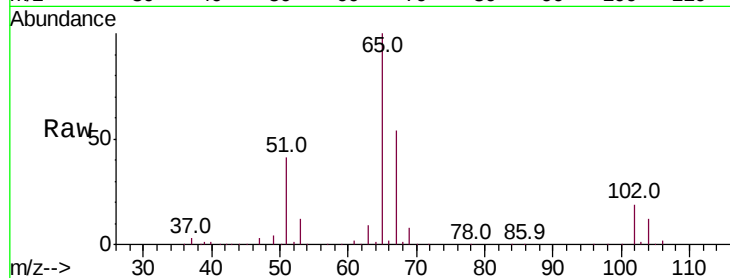
VX0422WBSD01

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

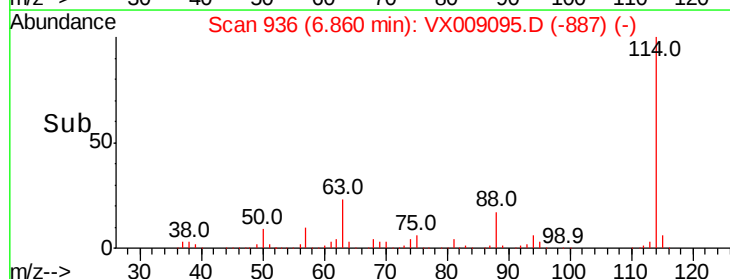
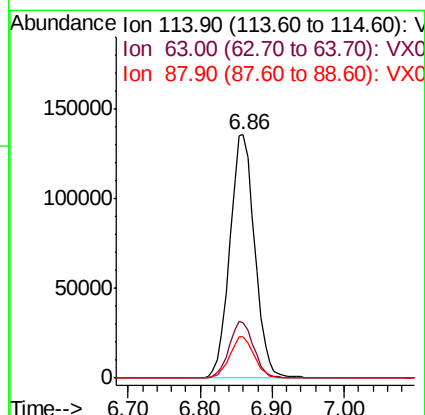
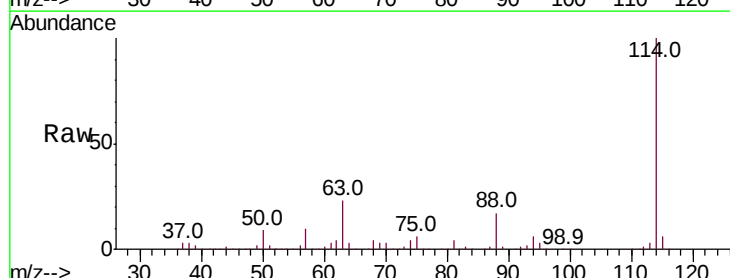
Tgt Ion:114 Resp: 326886

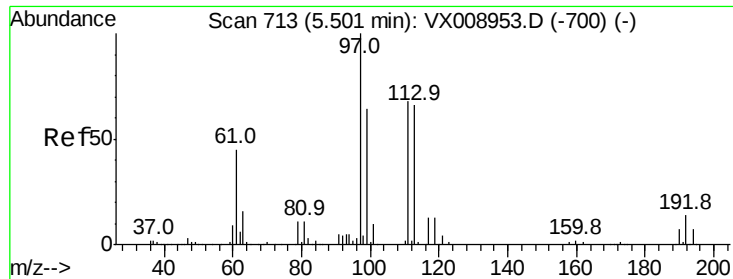
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.0

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.634 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

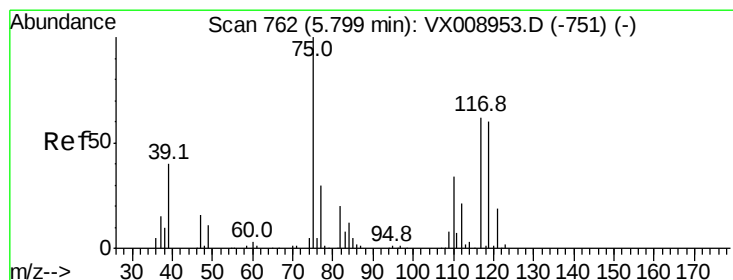
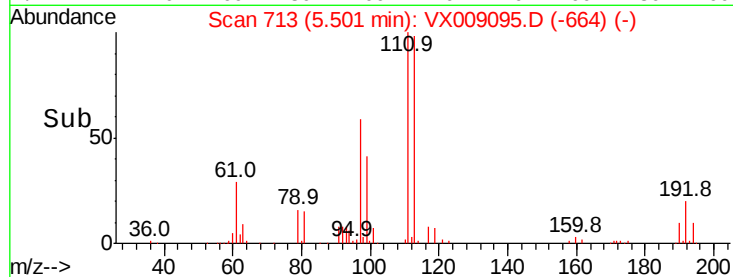
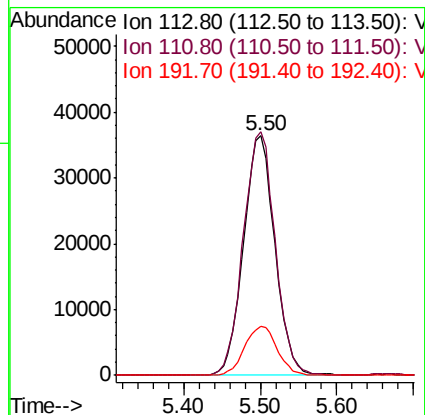
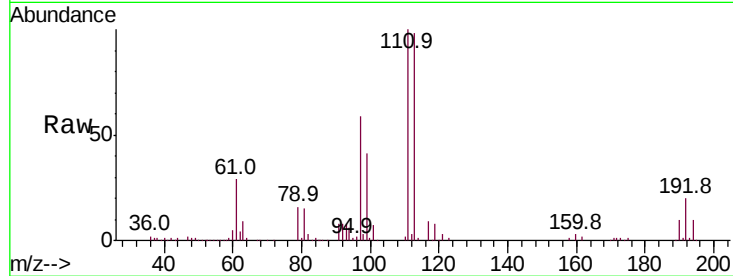
ClientSampleId :

VX0422WBSD01

Tot Ion:	113	Resp:	104127
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.9	124.3
192	21.3	17.4	26.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.776 ug/l

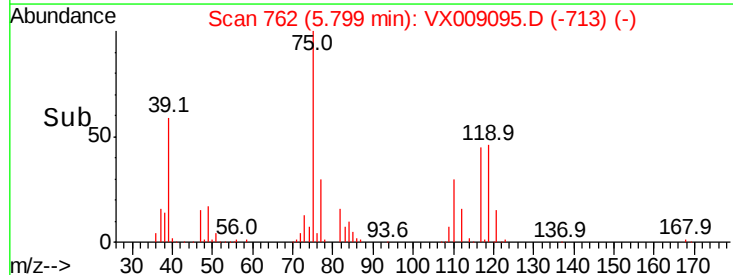
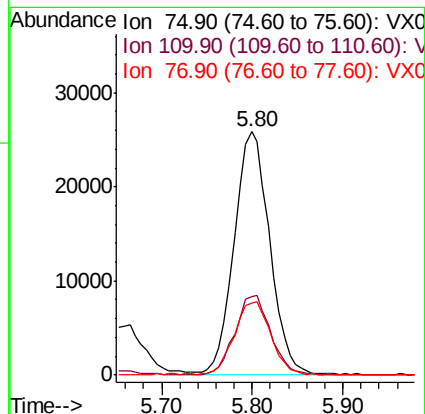
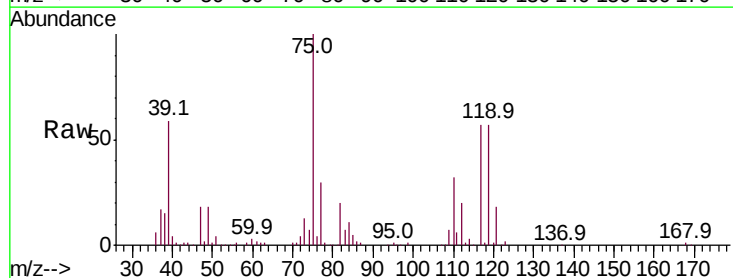
RT: 5.80 min Scan# 762

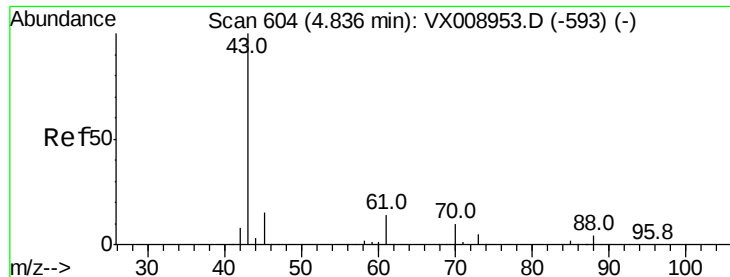
Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion:	75	Resp:	70236
Ion Ratio	Lower	Upper	
75	100		
110	33.0	16.9	50.7
77	30.5	25.0	37.4





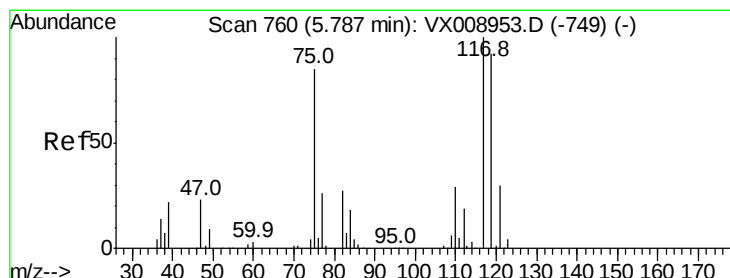
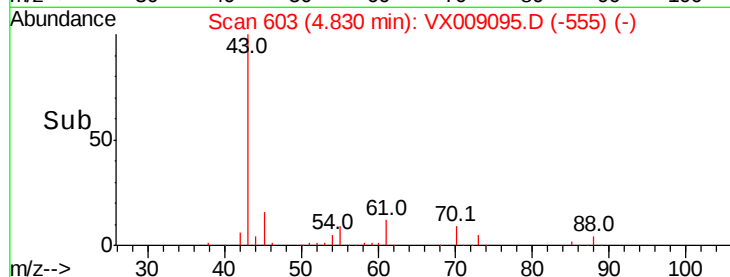
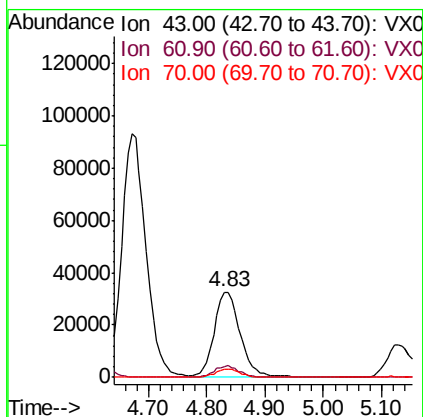
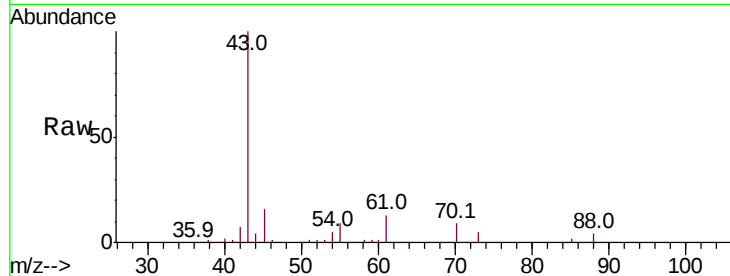
#37
Ethyl Acetate
Concen: 23.127 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.6	15.8
70	9.7	7.7	11.5

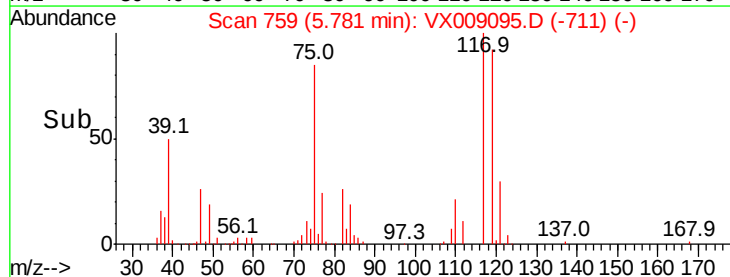
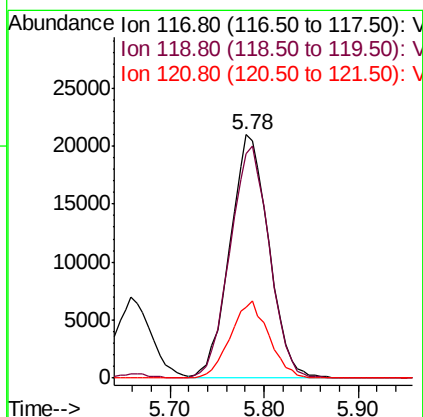
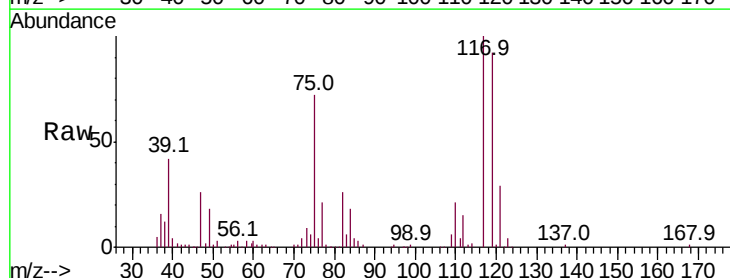
Manual Integrations
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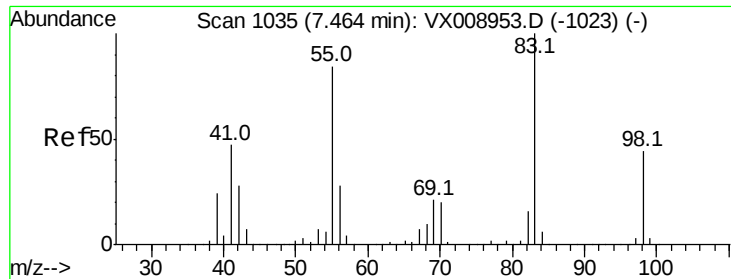
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.123 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	73.8	110.8
121	29.3	23.6	35.4





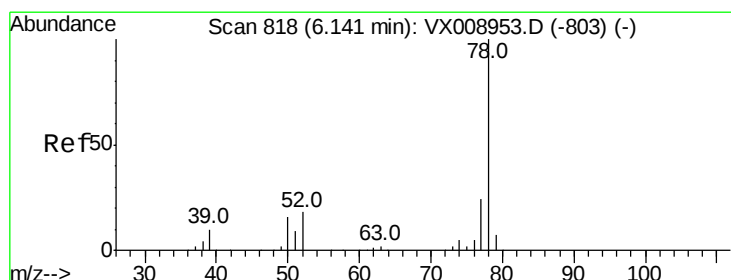
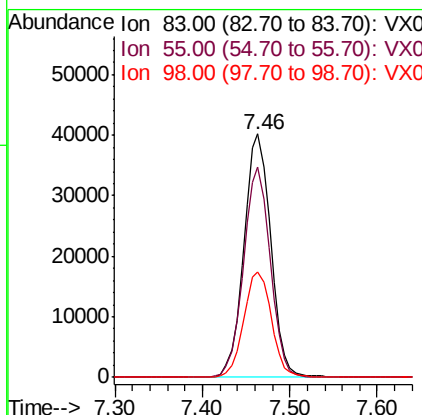
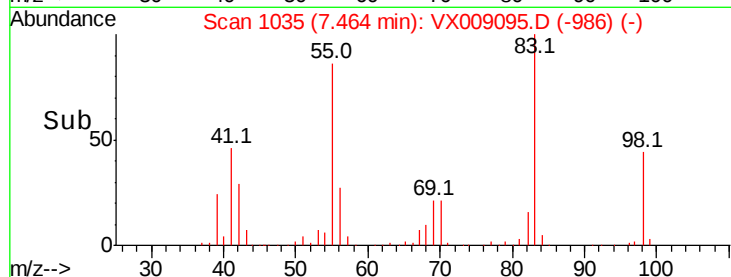
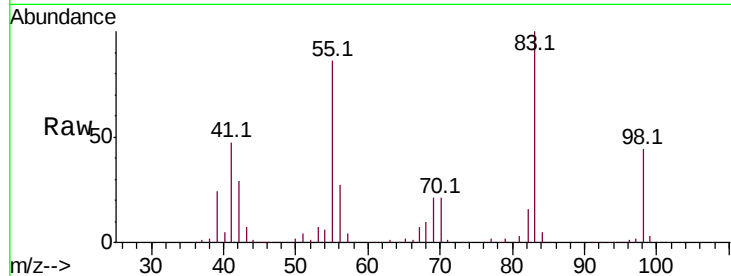
#39
Methvlcvclohexane
Concen: 20.785 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	83	Resp	85554
Ion Ratio	100	Lower	Upper
83	100		
55	86.1	67.1	100.7
98	43.5	35.1	52.7

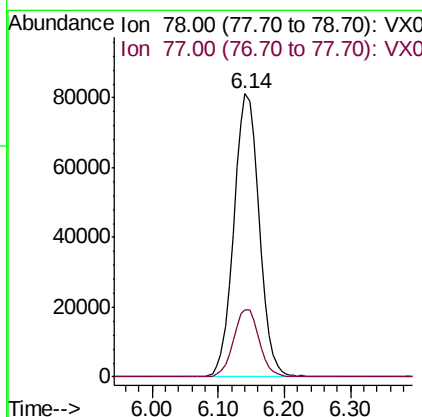
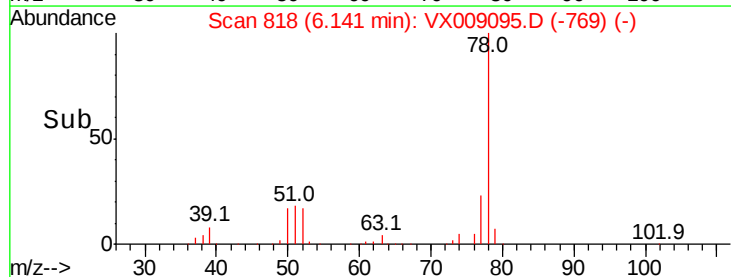
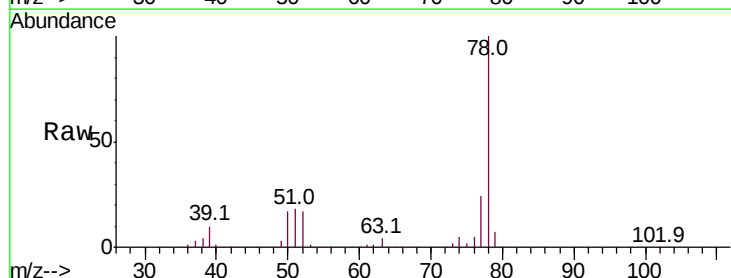
Manual Integrations
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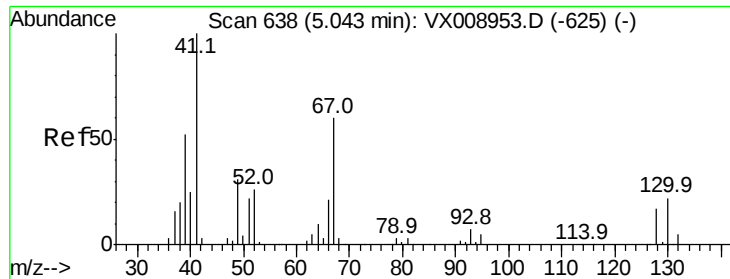
MMDadoda
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#40
Benzene
Concen: 21.683 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion	78	Resp	216249
Ion Ratio	100	Lower	Upper
78	100		
77	23.6	19.0	28.6





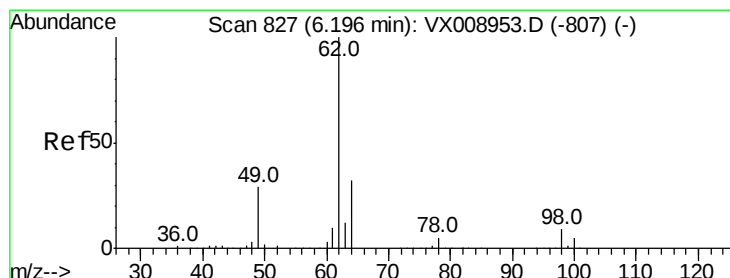
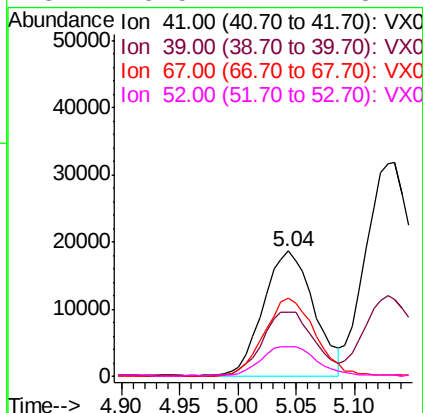
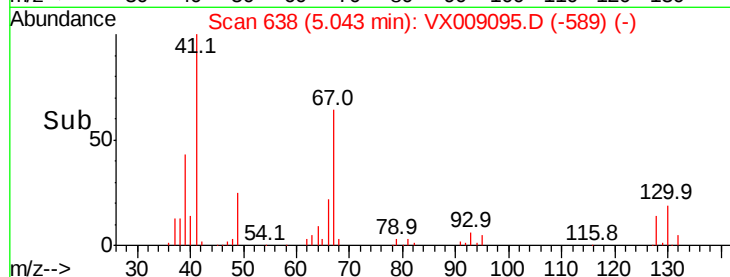
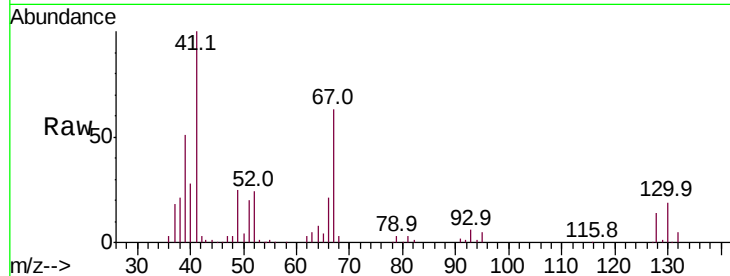
#41
Methacrylonitrile
Concen: 22.551 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.1	41.8	62.6
67	63.4	50.2	75.4
52	25.5	21.1	31.7

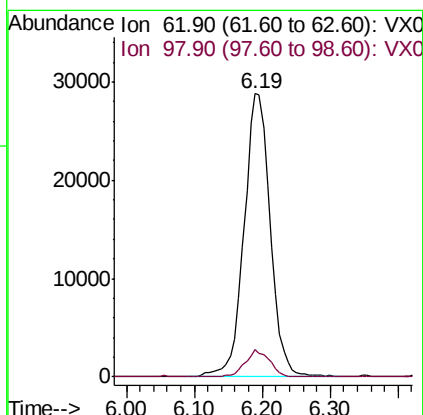
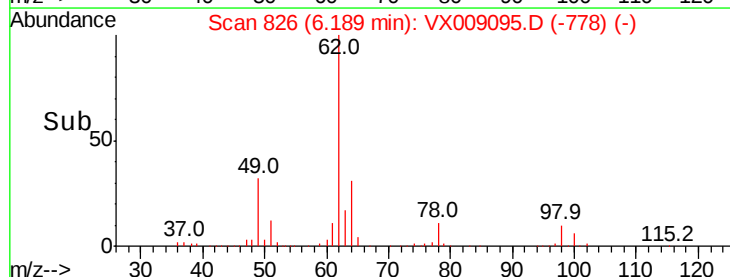
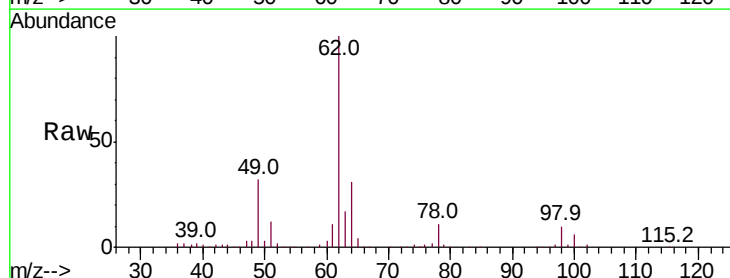
Manual Integrations
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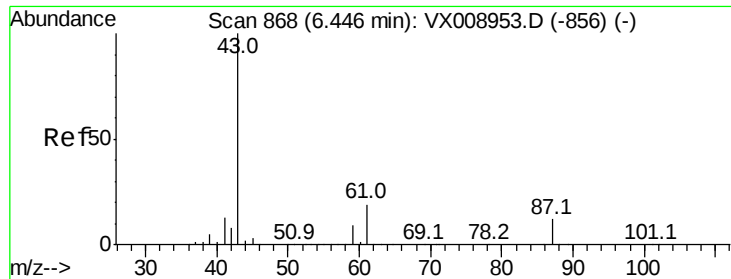
MMDadoda
4/23/2019 10:30:51 AM



#42
1,2-Dichloroethane
Concen: 21.860 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4





#43

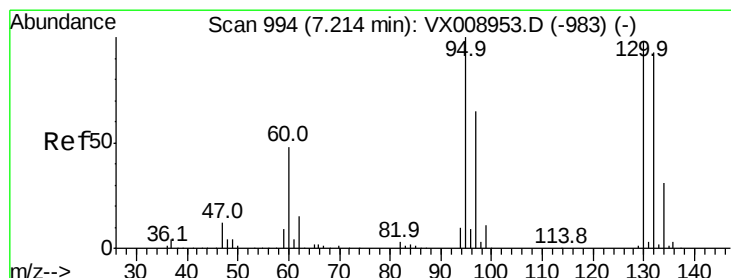
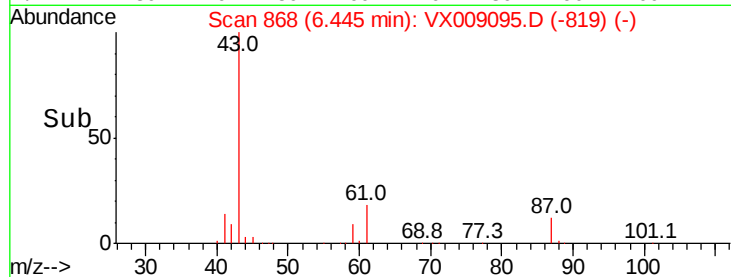
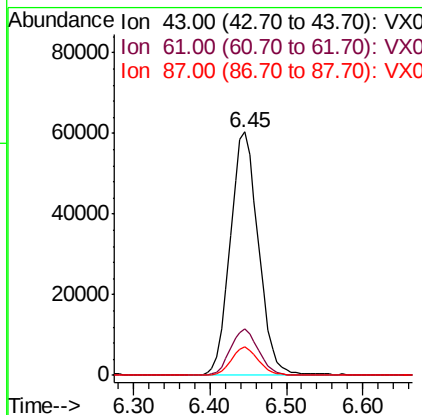
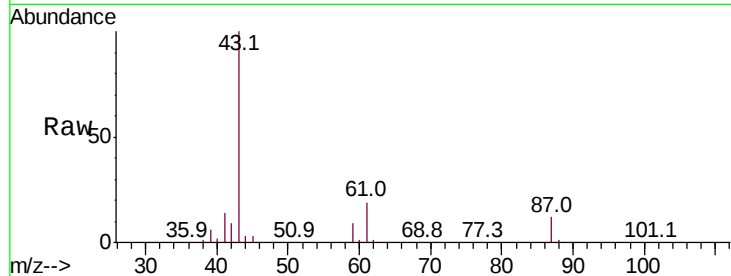
Isopropyl Acetate
 Concen: 21.828 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	11.3	9.0	13.4

Manual Integrations
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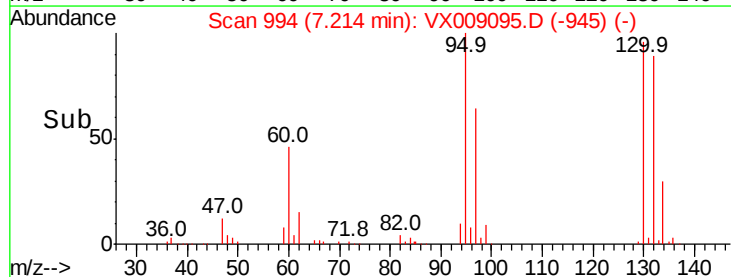
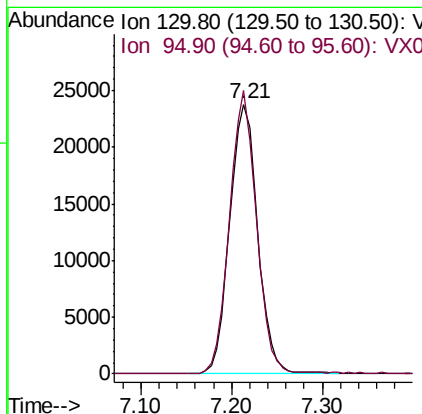
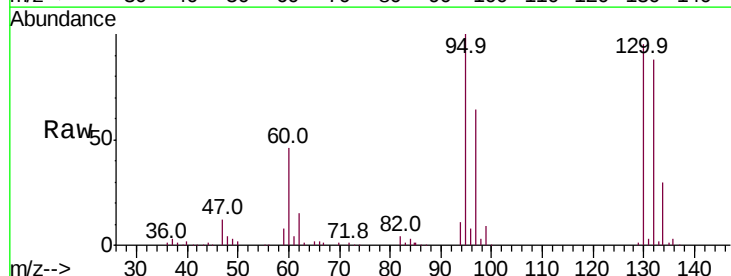
MMDadoda
 4/23/2019 10:30:51 AM

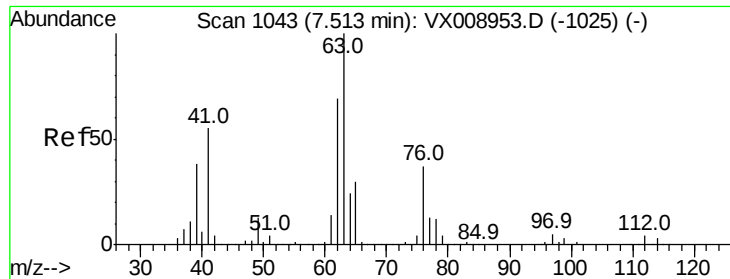


#44

Trichloroethene
 Concen: 20.911 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	203.2





#45

1,2-Dichloropropane

Concen: 22.324 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 63 Resp: 61768

Ion Ratio Lower Upper

63 100

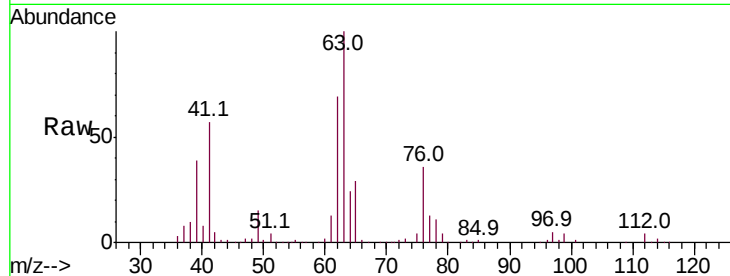
65 29.2 24.1 36.1

Manual Integrations

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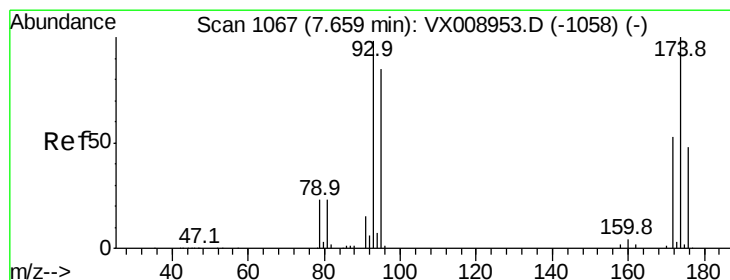
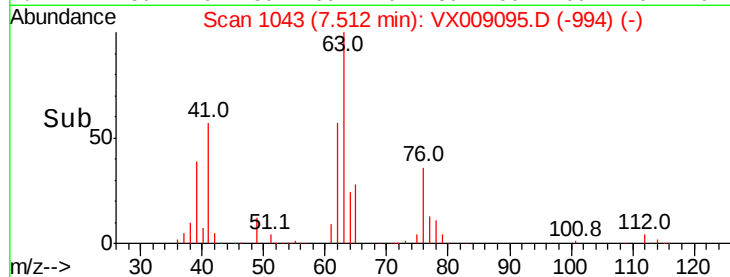
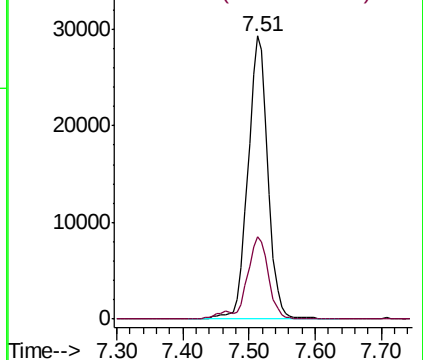
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.333 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

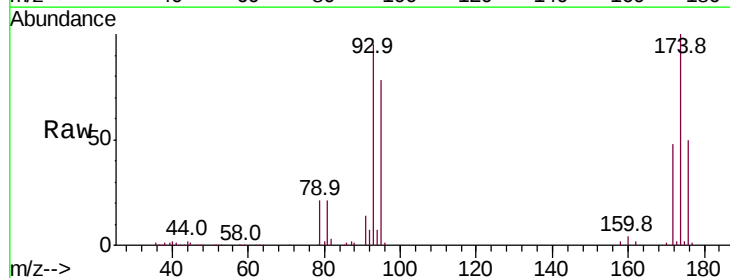
Tgt Ion: 93 Resp: 34352

Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.4

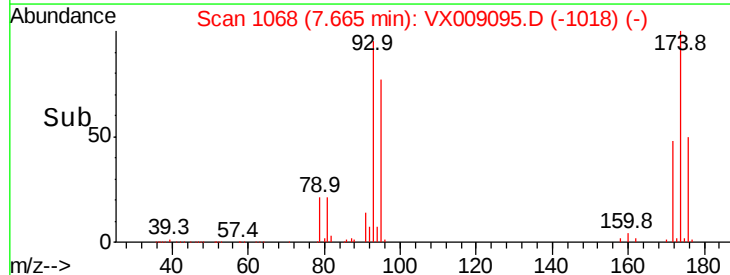
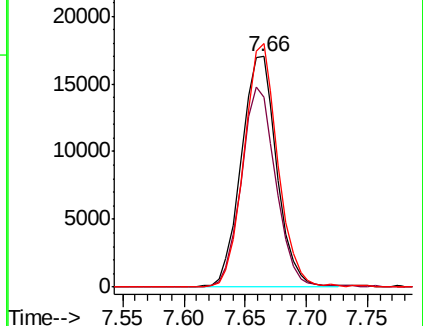
174 100.9 81.6 122.4

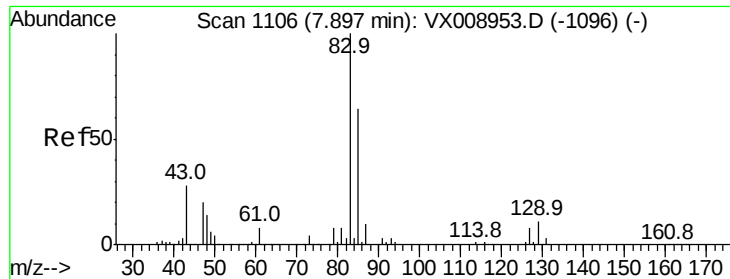


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.321 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

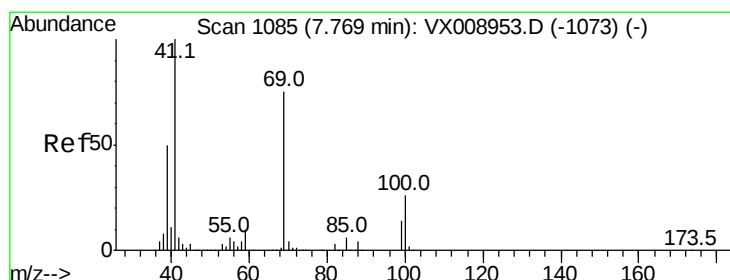
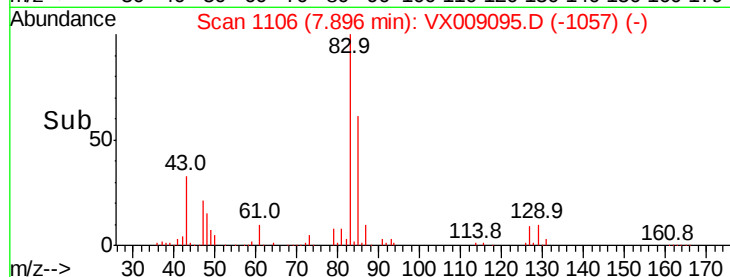
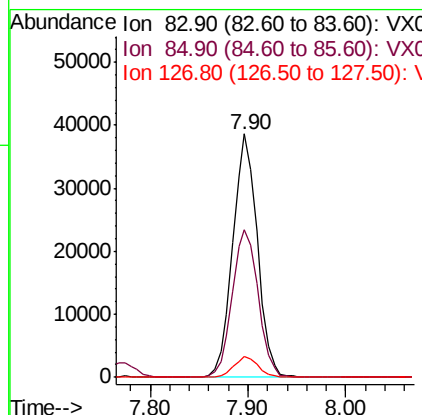
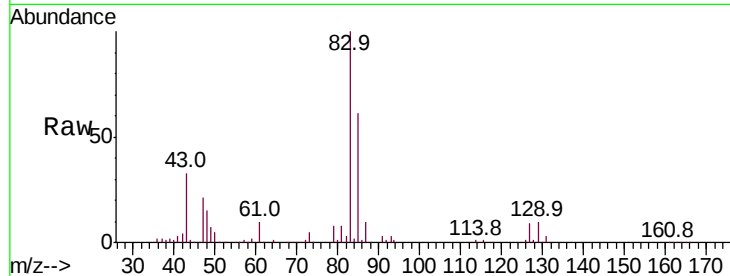
ClientSampleId :

VX0422WBSD01

Tot Ion:	83	Resp:	67337
Ion	Ratio	Lower	Upper
83	100		
85	60.7	50.8	76.2
127	8.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.419 ug/l

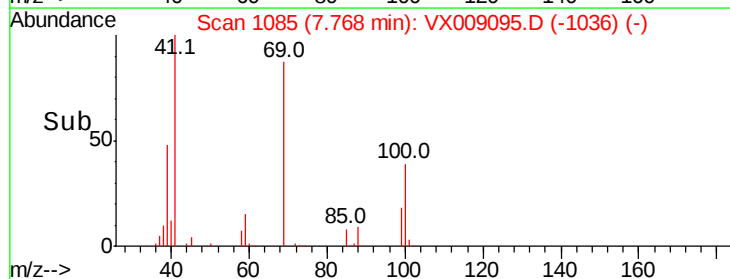
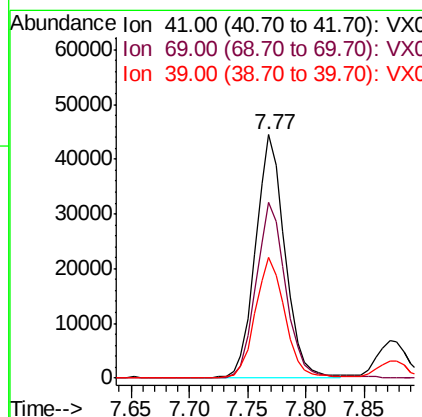
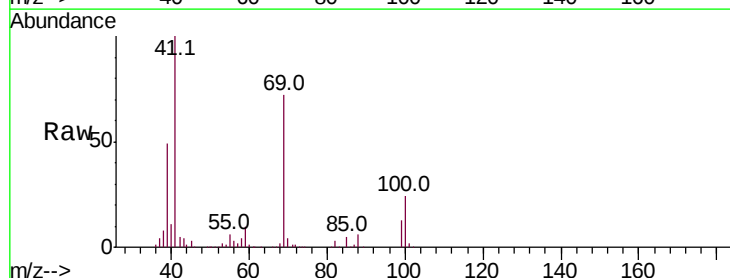
RT: 7.77 min Scan# 1085

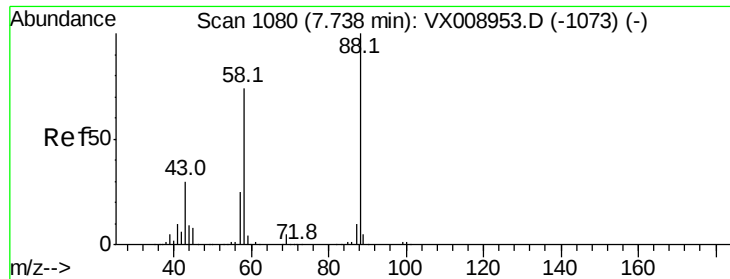
Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion:	41	Resp:	77658
Ion	Ratio	Lower	Upper
41	100		
69	73.7	59.4	89.2
39	50.0	39.8	59.6





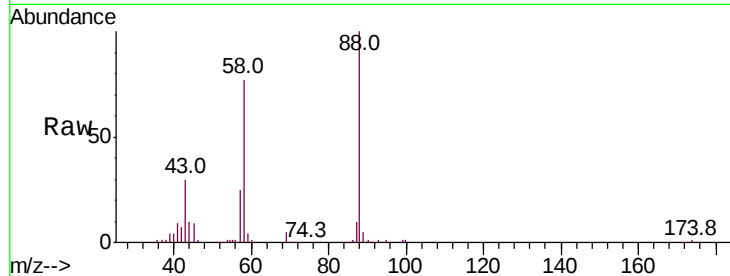
#49
1,4-Dioxane
Concen: 457.558 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	29.3	43.9
58	79.3	62.6	93.8

Manual Integrations
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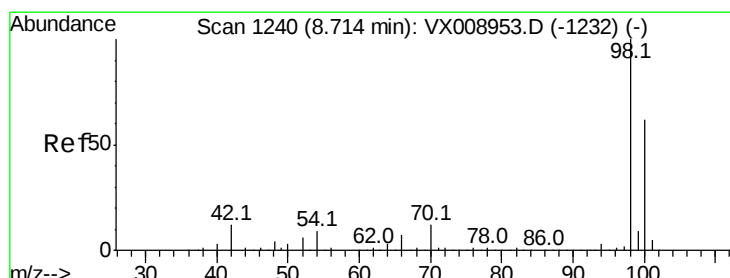
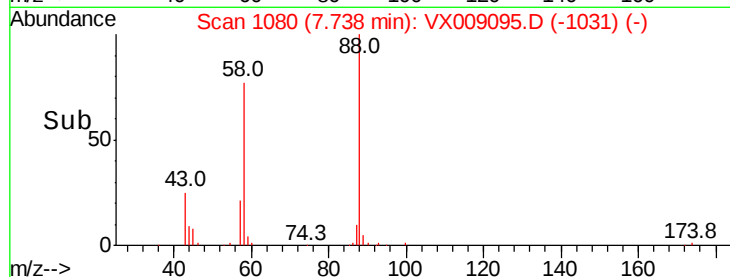
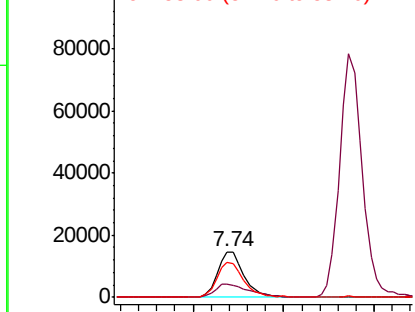


Abundance

Ion 88.00 (87.70 to 88.70): VX0

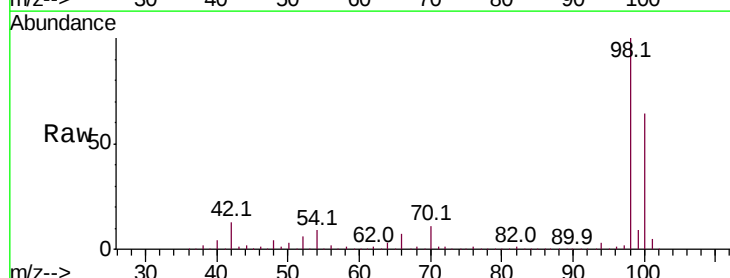
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.871 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

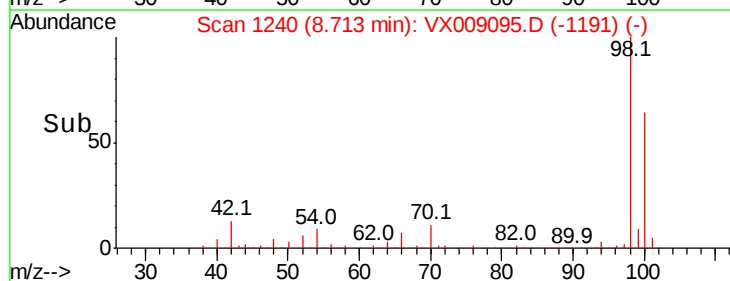
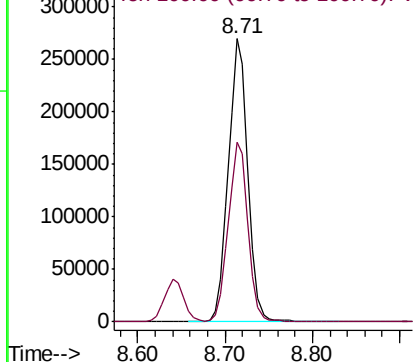
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.2

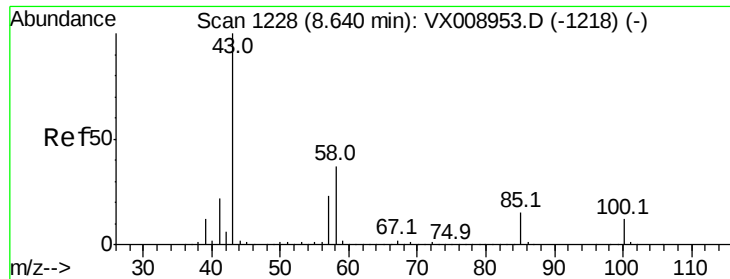


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 114.569 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleID :

VX0422WBSD01

Tot Ion: 43 Resp: 511679

Ion Ratio Lower Upper

43 100

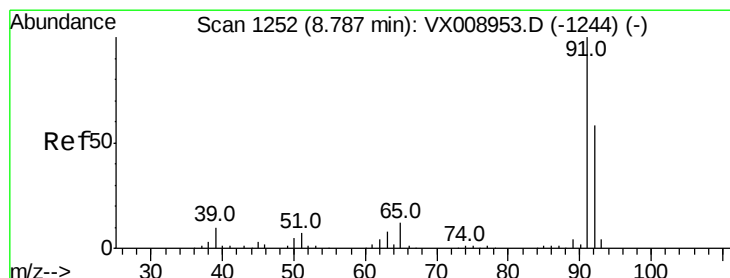
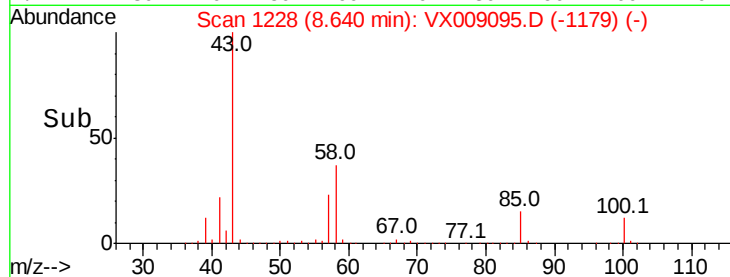
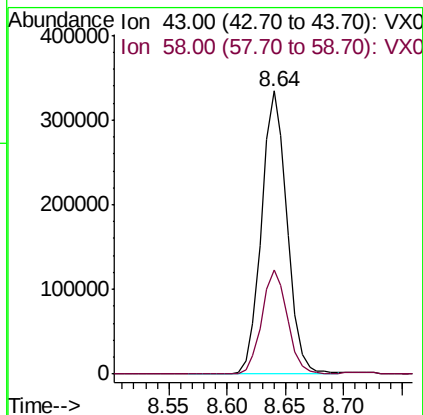
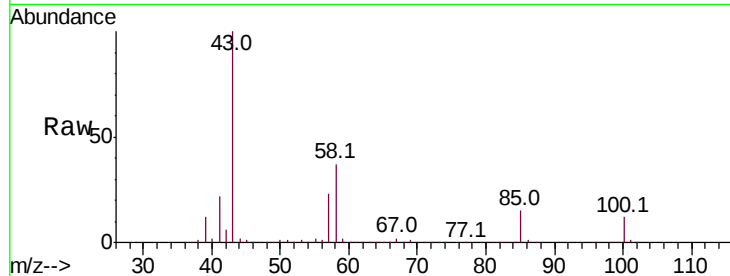
58 36.8 29.8 44.6

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#52

Toluene

Concen: 21.632 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009095.D

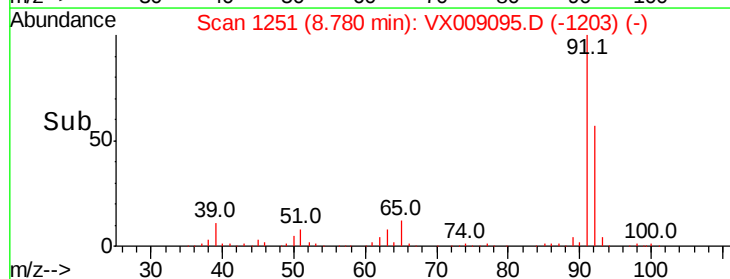
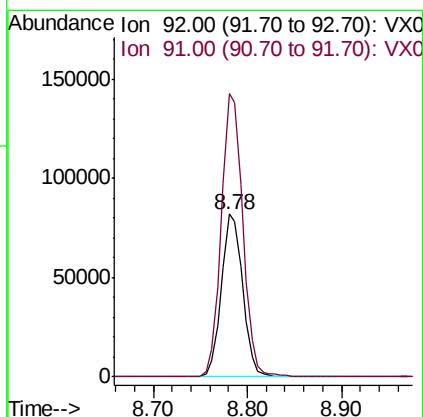
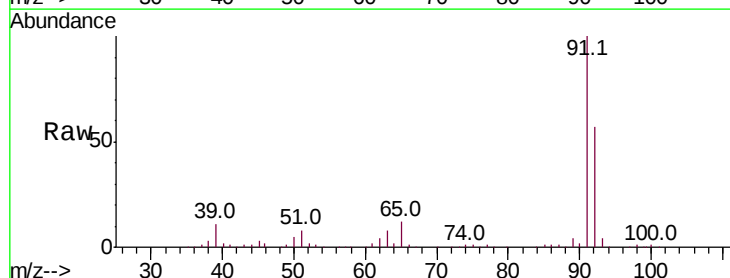
Acq: 22 Apr 2019 14:25

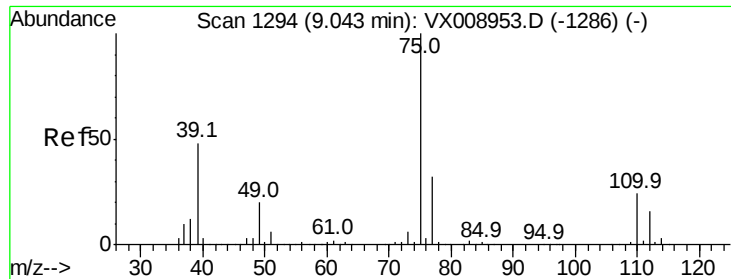
Tgt Ion: 92 Resp: 129296

Ion Ratio Lower Upper

92 100

91 175.5 138.5 207.7





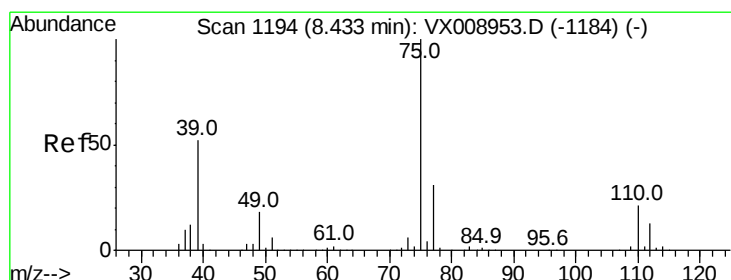
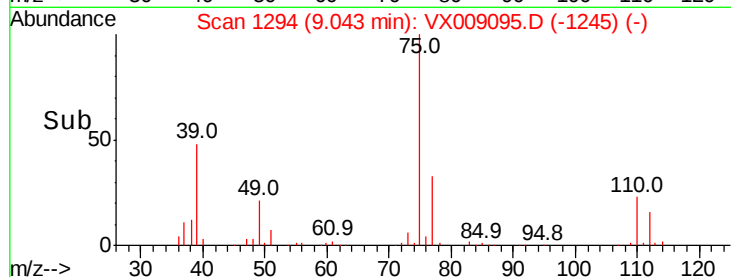
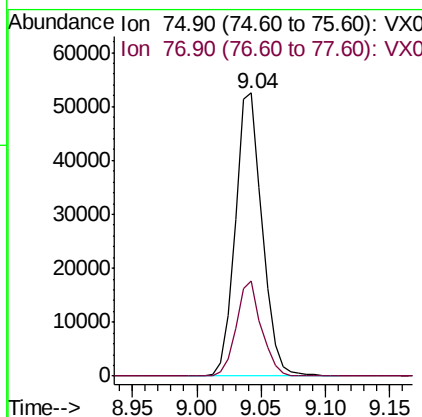
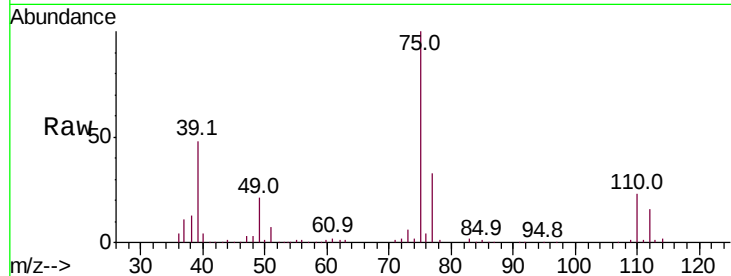
#53
t-1,3-Dichloropropene
Concen: 20.949 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 75 Resp: 76145
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.2

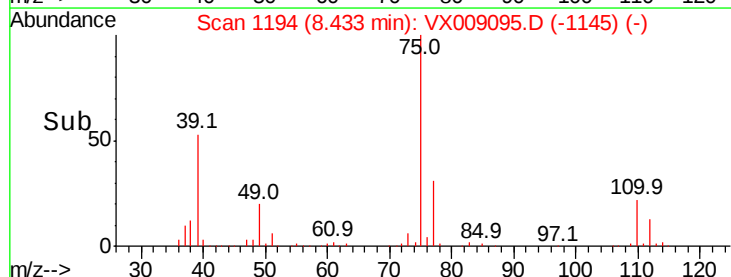
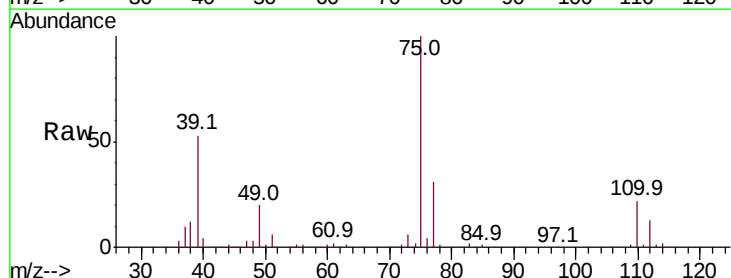
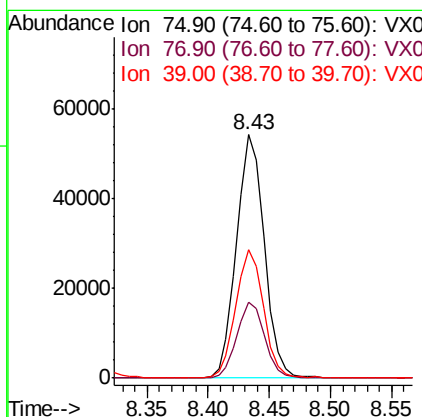
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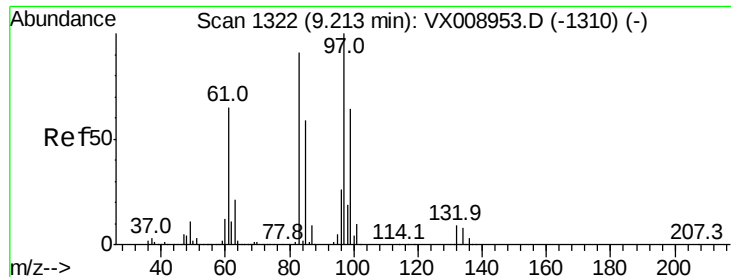
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#54
cis-1,3-Dichloropropene
Concen: 20.957 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 75 Resp: 85291
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 52.7 41.8 62.6





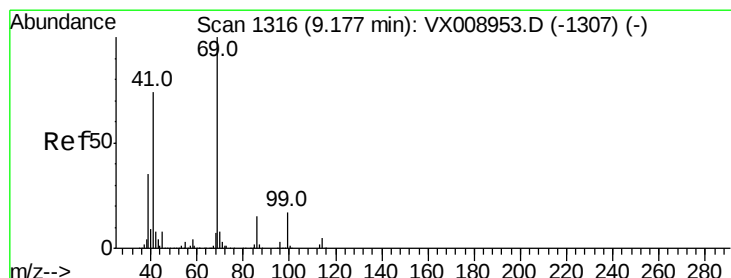
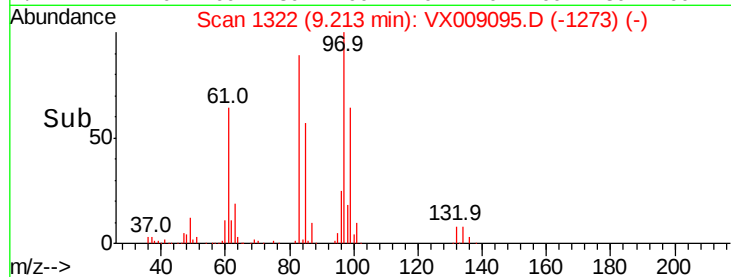
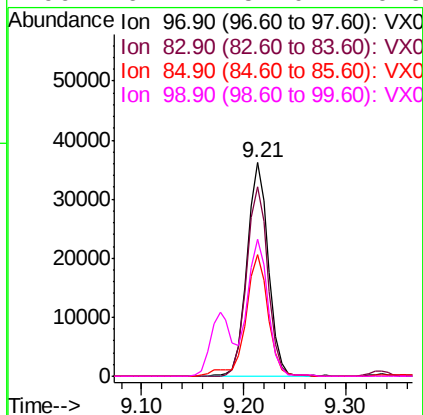
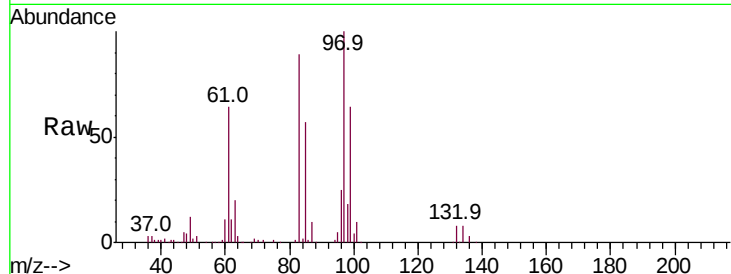
#55
 1,1,2-Trichloroethane
 Concen: 22.353 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion:	97	Resp:	52952
Ion	Ratio	Lower	Upper
97	100		
83	88.5	72.6	108.8
85	57.2	46.9	70.3
99	64.2	51.0	76.6

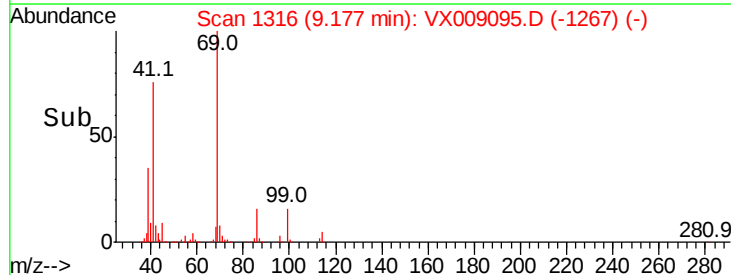
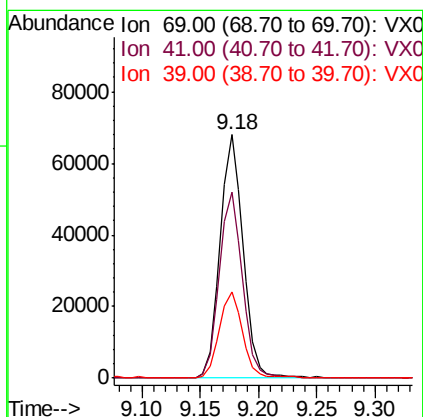
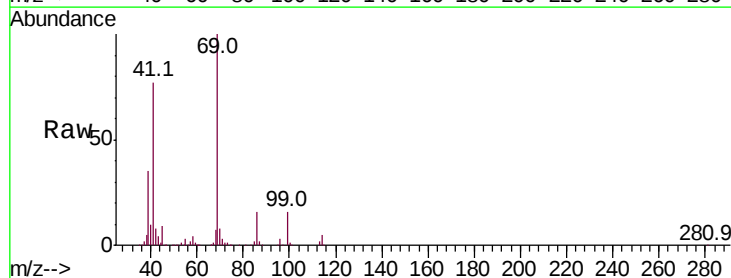
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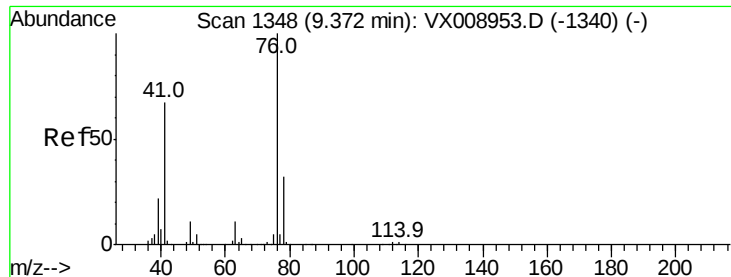
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#56
 Ethyl methacrylate
 Concen: 21.899 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion:	69	Resp:	93021
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.2	90.2
39	35.5	27.9	41.9





#57

1,3-Dichloropropane

Concen: 21.816 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 76 Resp: 92018

Ion Ratio Lower Upper

76 100

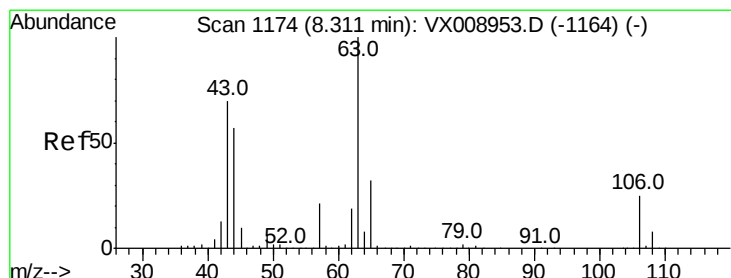
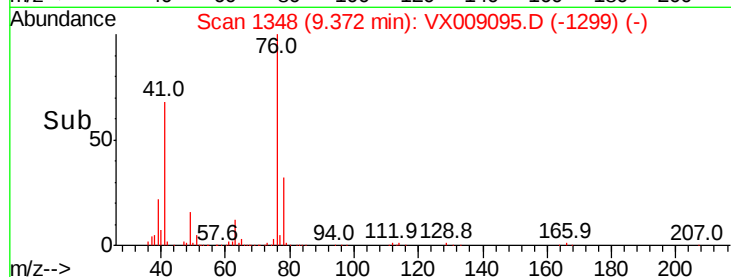
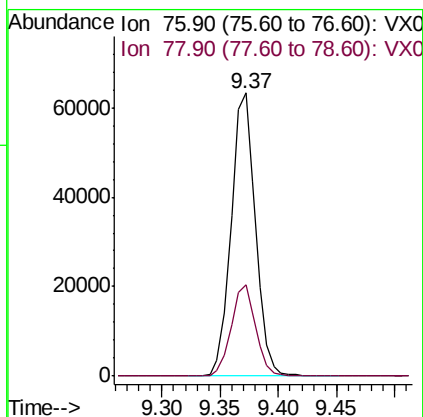
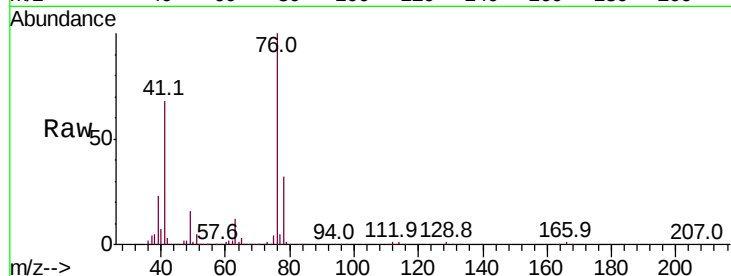
78 32.5 25.7 38.5

Manual Integrations

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4/23/2019 10:30:51 AM



#58

2-Chloroethyl Vinyl ether

Concen: 95.976 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009095.D

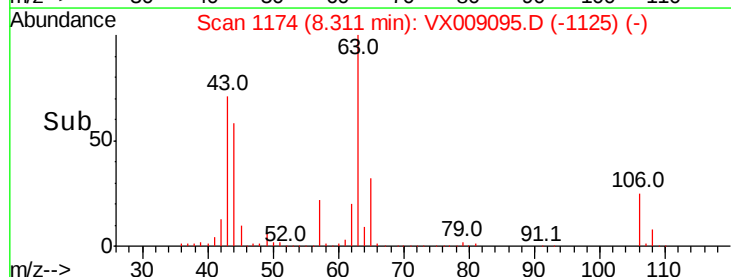
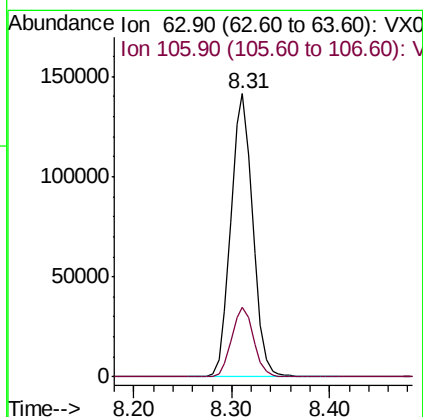
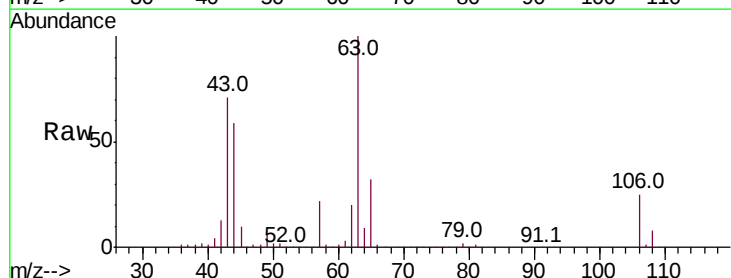
Acq: 22 Apr 2019 14:25

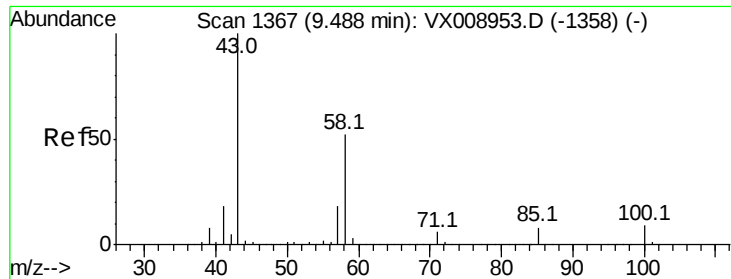
Tgt Ion: 63 Resp: 219535

Ion Ratio Lower Upper

63 100

106 24.7 19.8 29.6





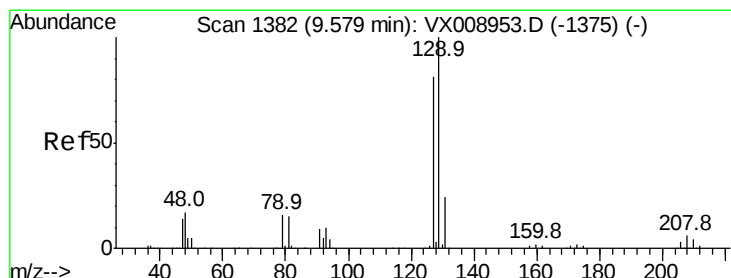
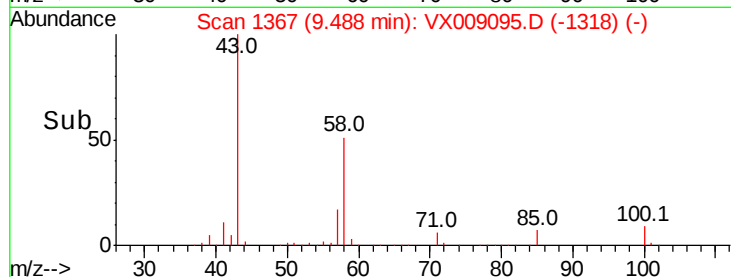
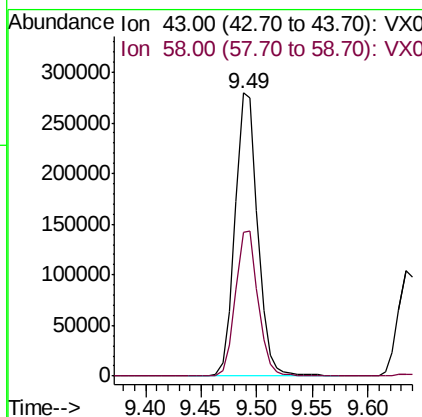
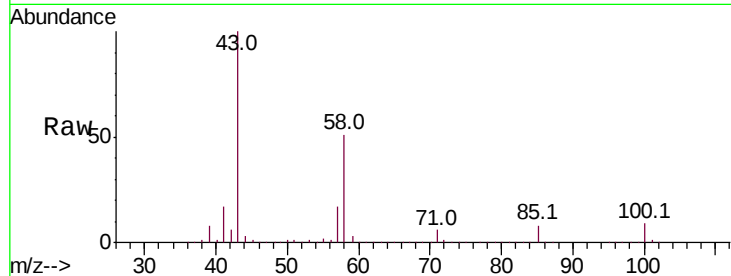
#59
2-Hexanone
Concen: 114.217 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 43 Resp: 393283
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8

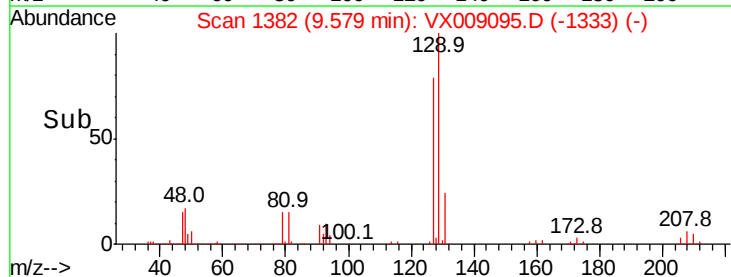
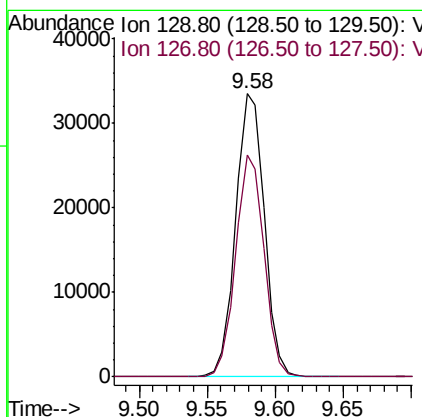
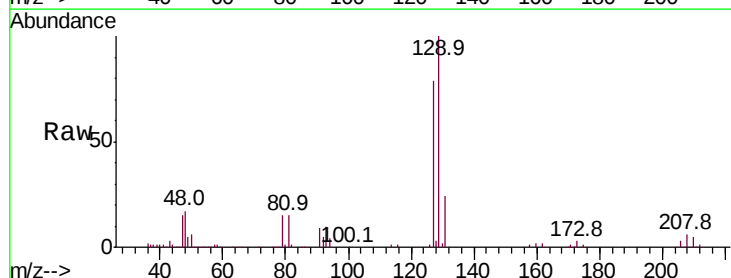
Manual Integrations
APPROVED

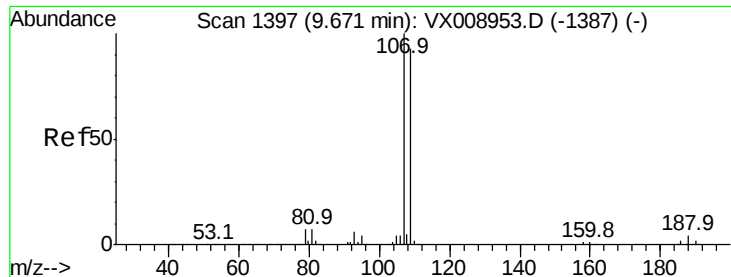
MMDadoda
4/23/2019 10:30:51 AM



#60
Dibromochloromethane
Concen: 21.703 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion:129 Resp: 49275
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.816 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion:107 Resp: 53338

Ion Ratio Lower Upper

107 100

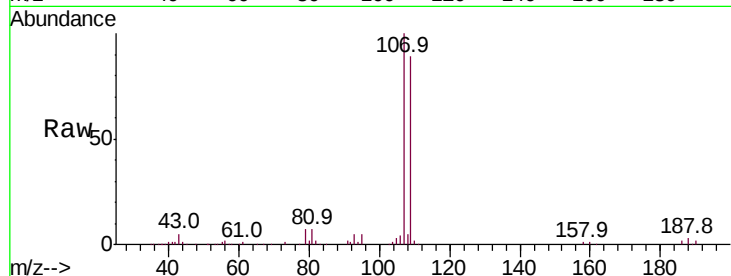
109 93.7 74.4 111.6

Manual Integrations

APPROVED

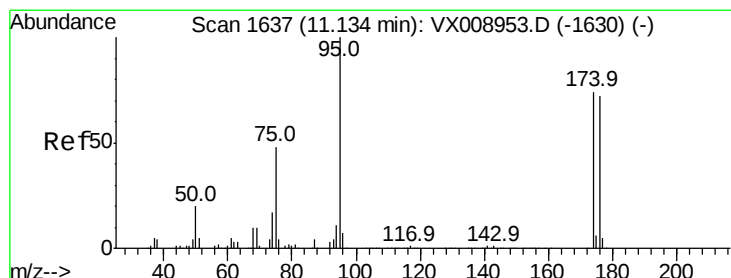
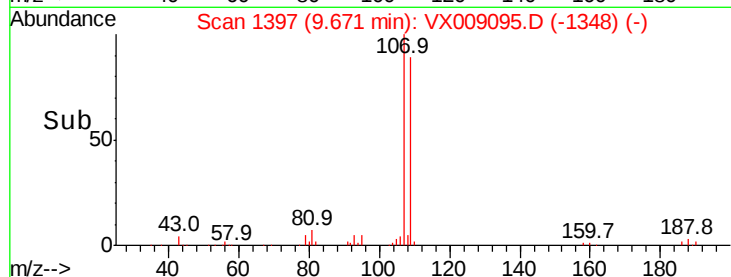
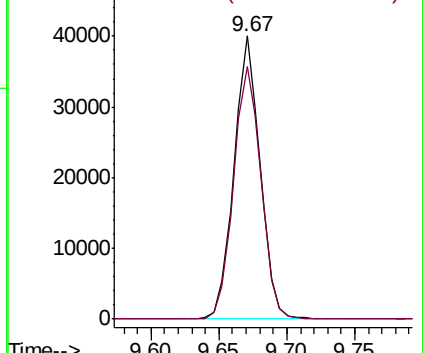
MMDadoda

4/23/2019 10:30:51 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.068 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

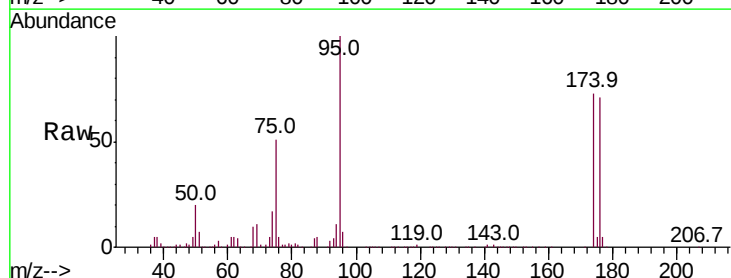
Tgt Ion: 95 Resp: 147870

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.6

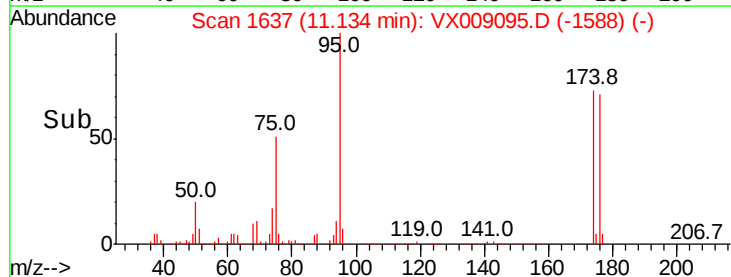
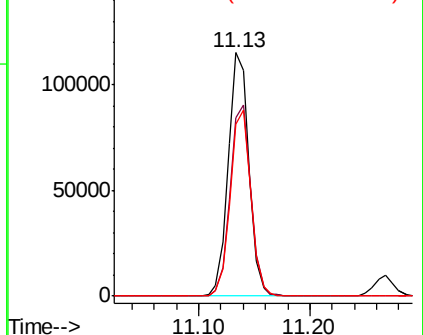
176 76.3 0.0 154.8

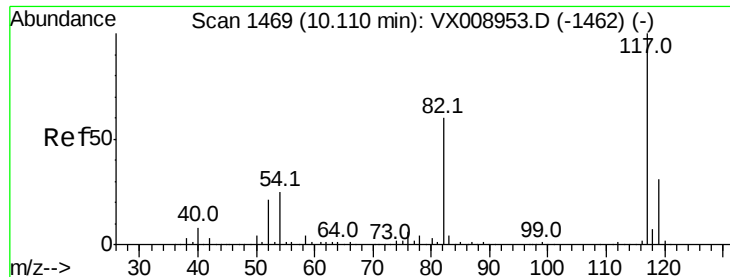


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





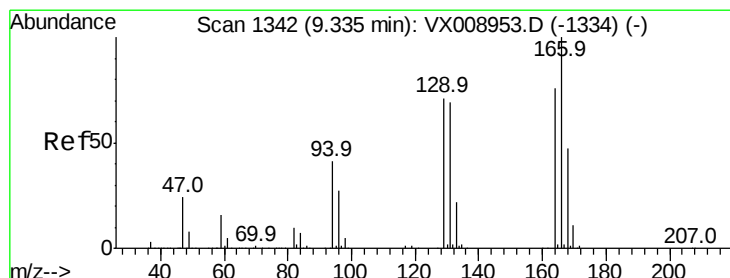
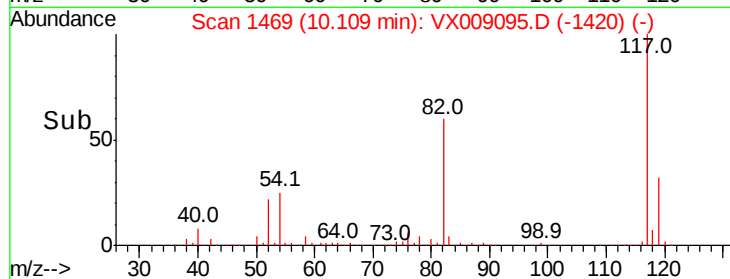
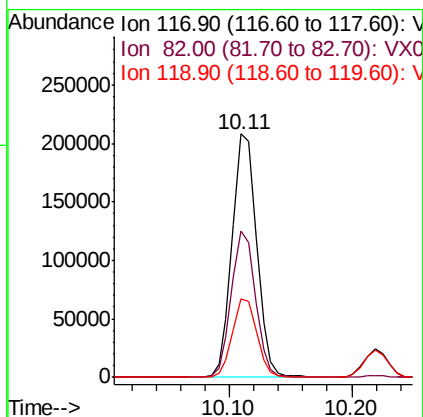
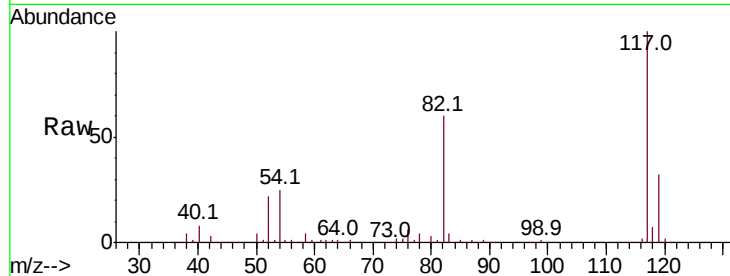
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.2	72.4
119	32.0	25.0	37.6

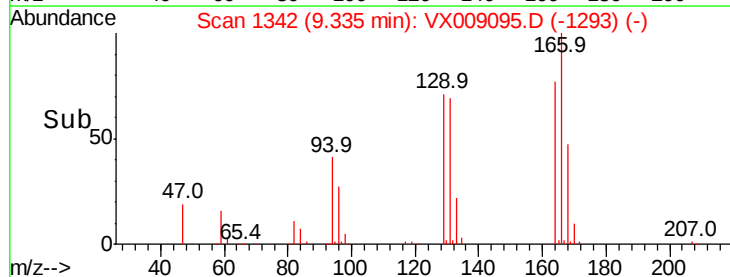
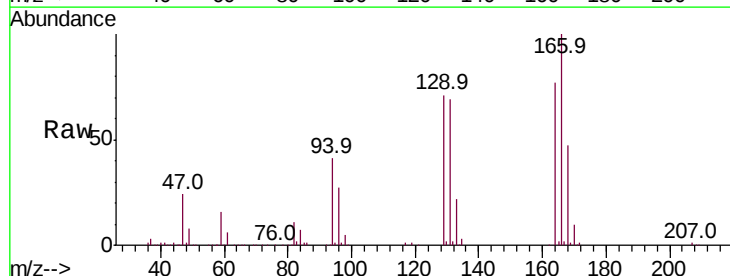
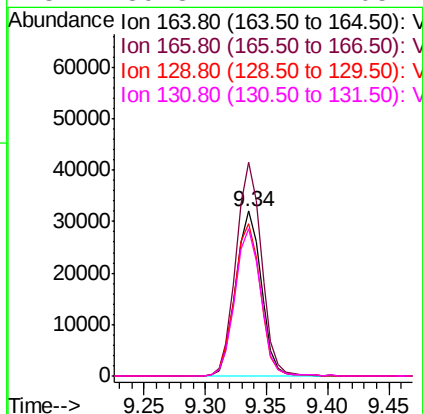
Manual Integrations
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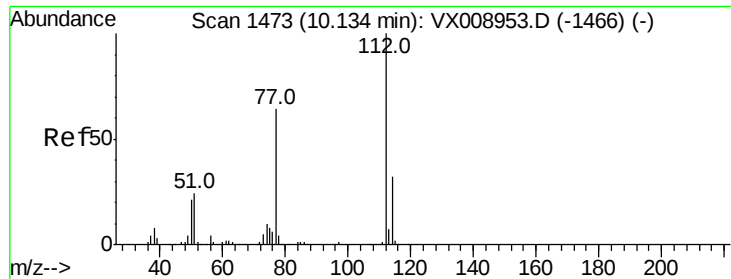
MMDadoda
4/23/2019 10:30:51 AM



#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	105.0	157.4
129	92.4	74.2	111.4
131	89.3	72.2	108.2





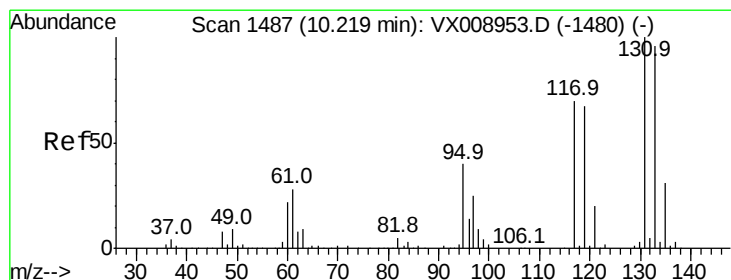
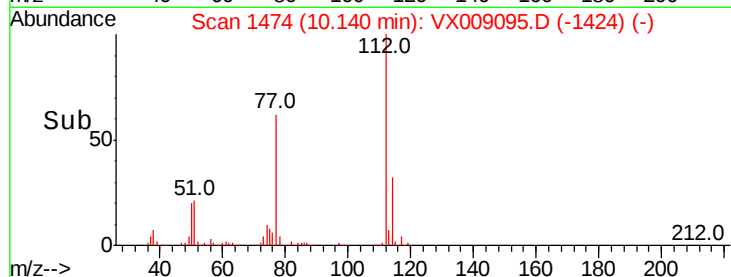
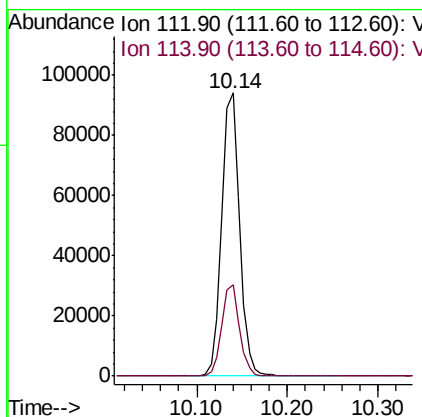
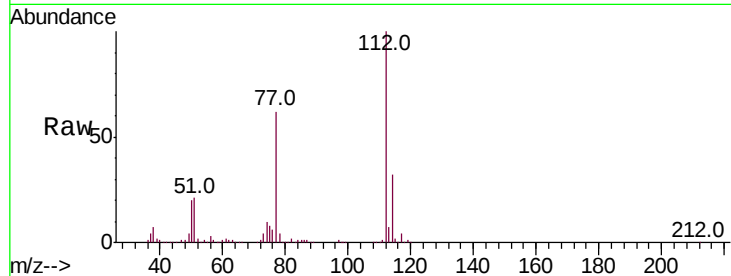
#65
Chlorobenzene
Concen: 21.284 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion:112 Resp: 130261
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

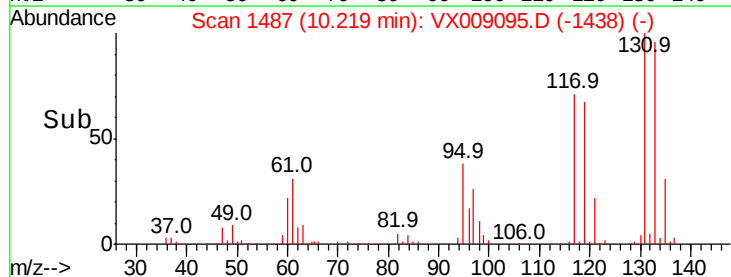
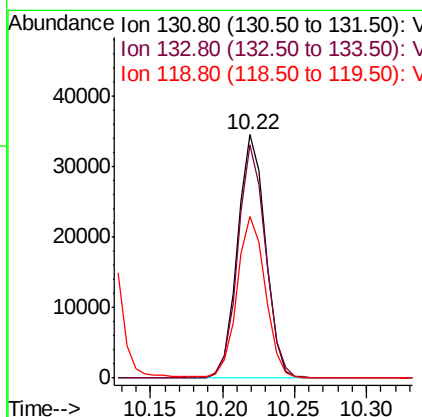
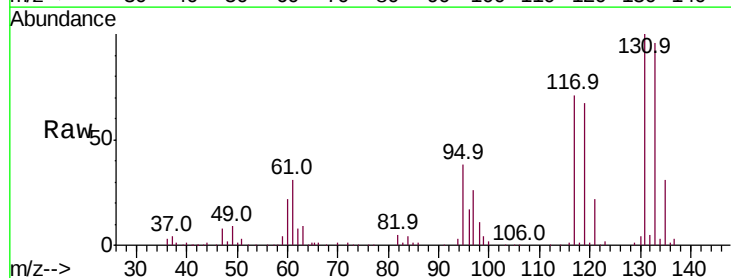
Manual Integrations
APPROVED

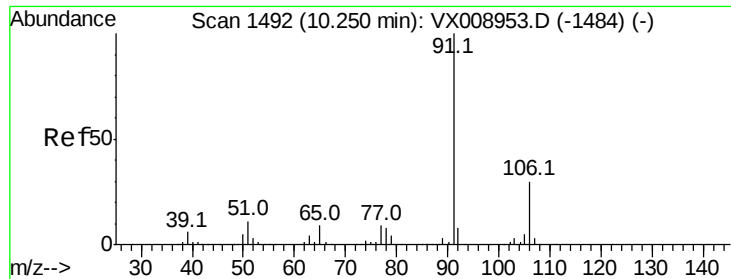
MMDadoda
4/23/2019 10:30:51 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.557 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion:131 Resp: 46476
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 67.8 33.7 101.1





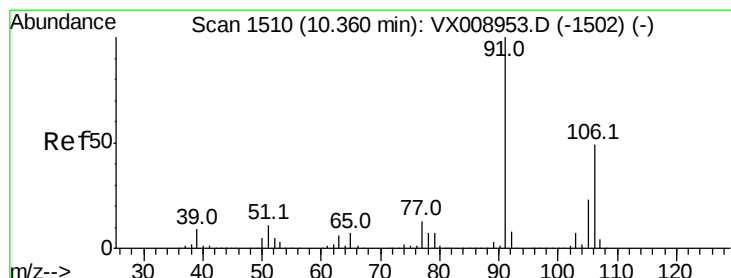
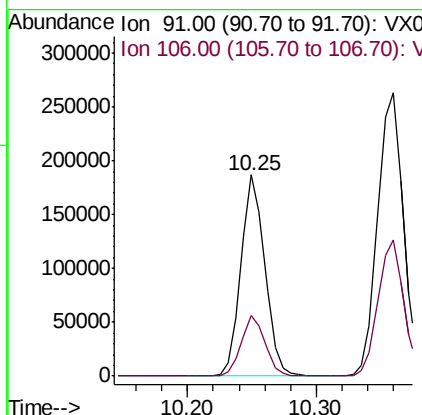
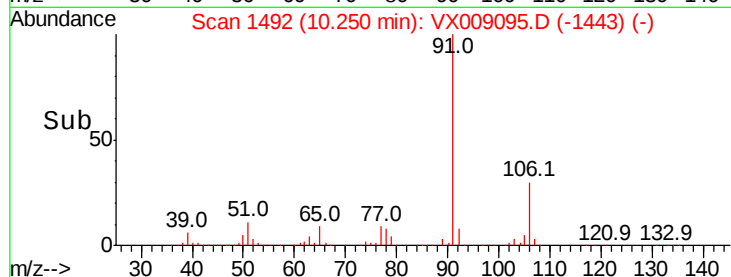
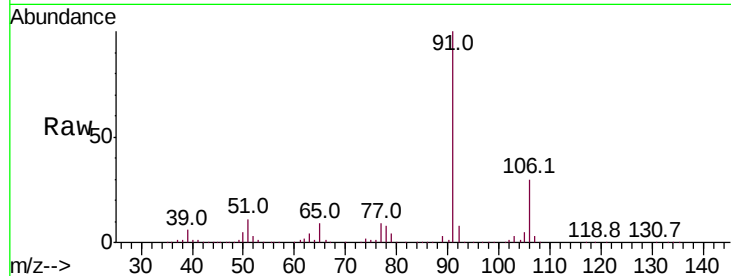
#67
Ethyl Benzene
Concen: 21.503 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 91 Resp: 240565
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

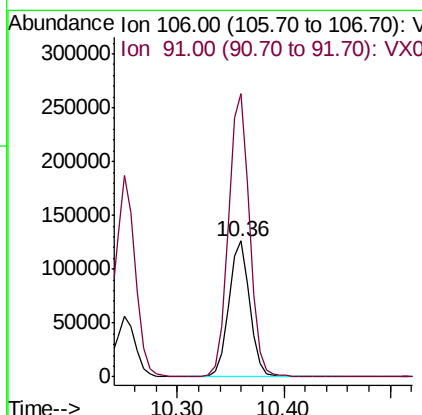
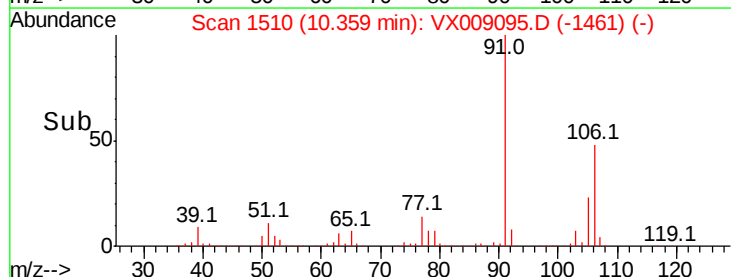
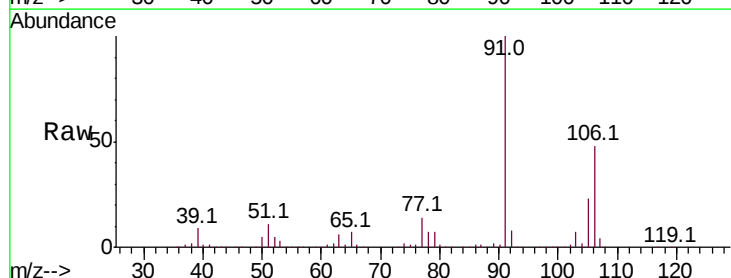
Manual Integrations
APPROVED

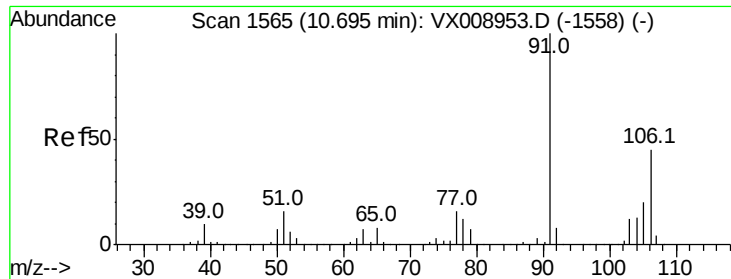
MMDadoda
4/23/2019 10:30:51 AM



#68
m/p-Xylenes
Concen: 42.797 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion: 106 Resp: 174008
Ion Ratio Lower Upper
106 100
91 209.0 165.4 248.2





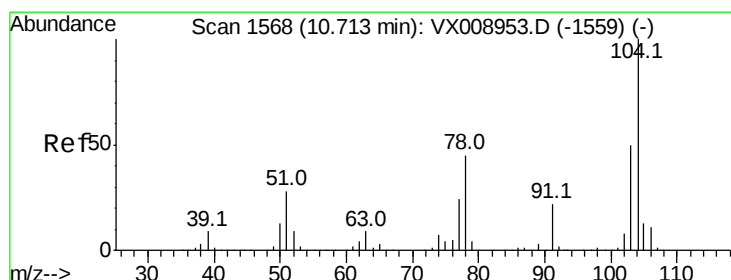
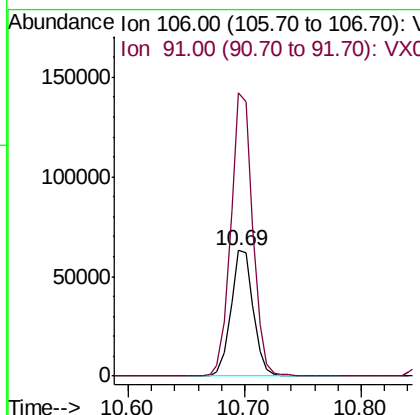
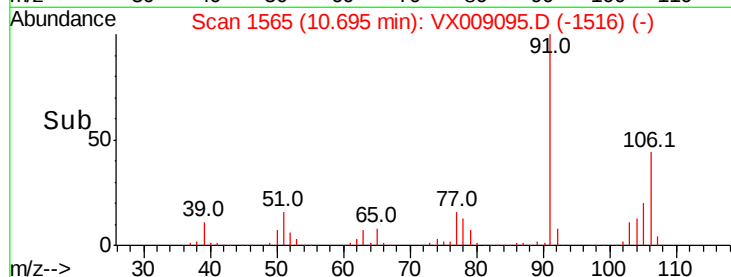
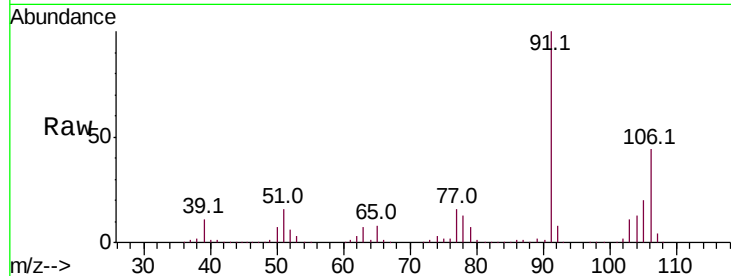
#69
o-Xylene
Concen: 21.301 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion:106 Resp: 84270
Ion Ratio Lower Upper
106 100
91 220.5 108.9 326.7

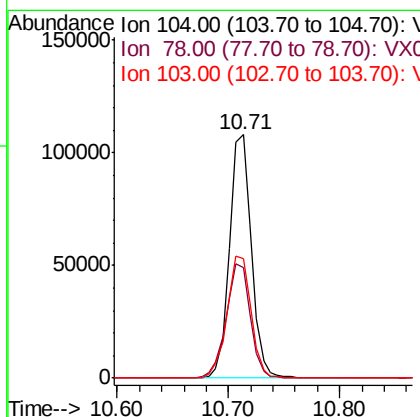
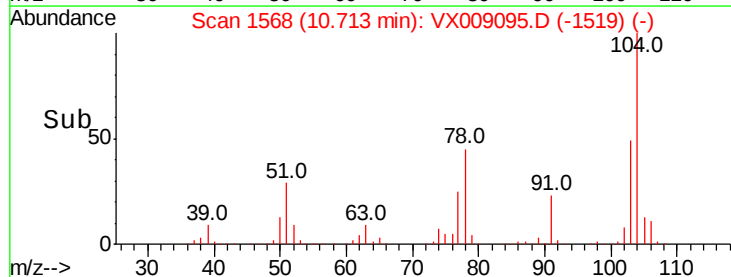
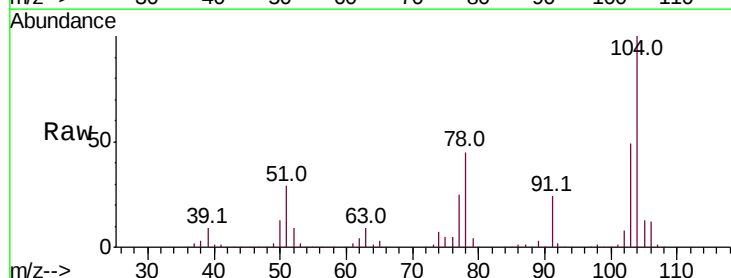
Manual Integrations
APPROVED

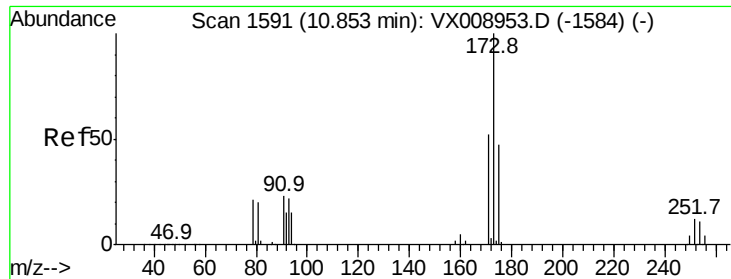
MMDadoda
4/23/2019 10:30:51 AM



#70
Styrene
Concen: 21.420 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009095.D
Acq: 22 Apr 2019 14:25

Tgt Ion:104 Resp: 146847
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.3 43.9 65.9





#71

Bromoform

Concen: 21.272 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion:173 Resp: 36538

Ion Ratio Lower Upper

173 100

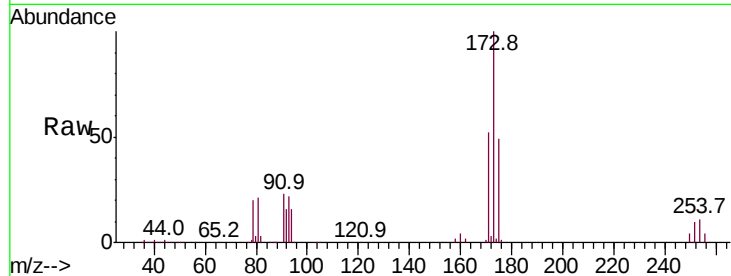
175 49.9 23.9 71.8

254 0.0 0.2 0.4#

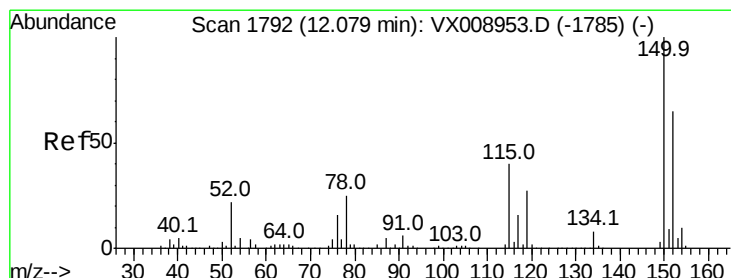
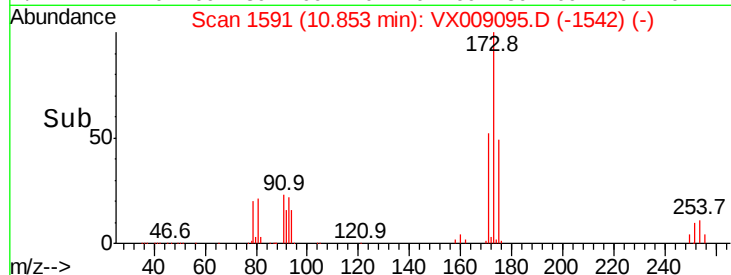
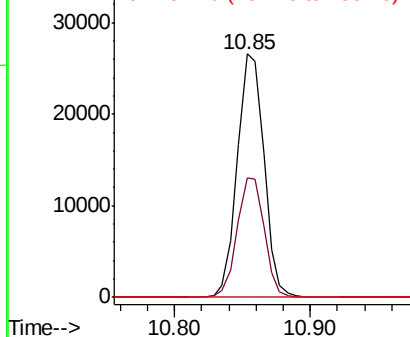
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

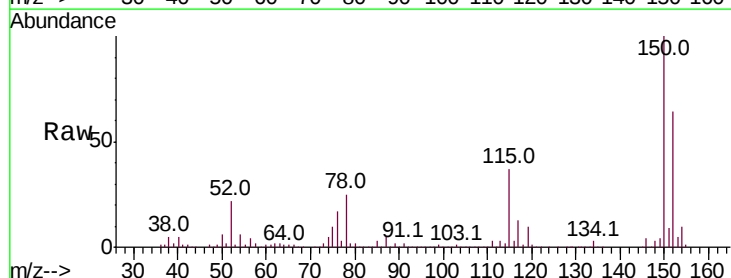
Tgt Ion:152 Resp: 133826

Ion Ratio Lower Upper

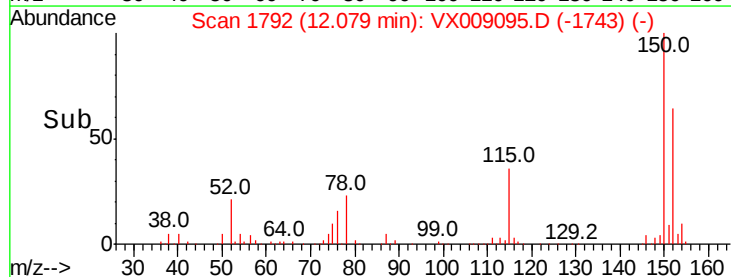
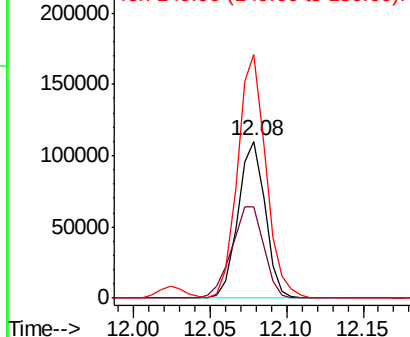
152 100

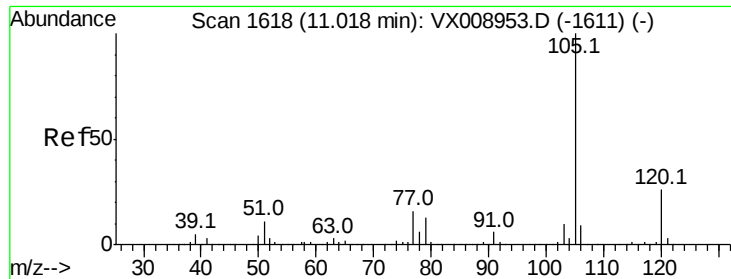
115 69.9 41.4 124.2

150 163.3 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.273 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion:105 Resp: 225930

Ion Ratio Lower Upper

105 100

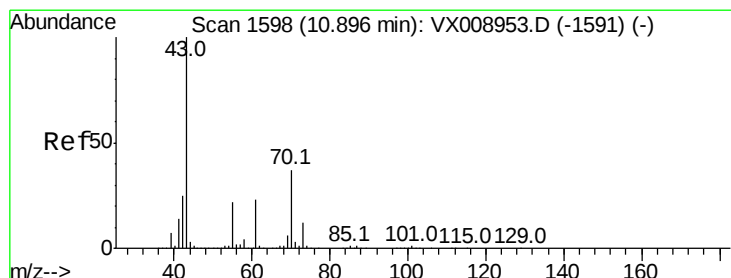
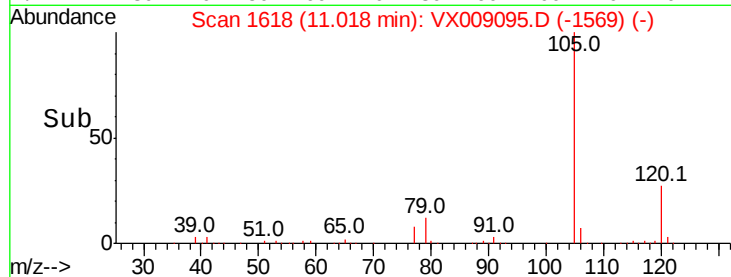
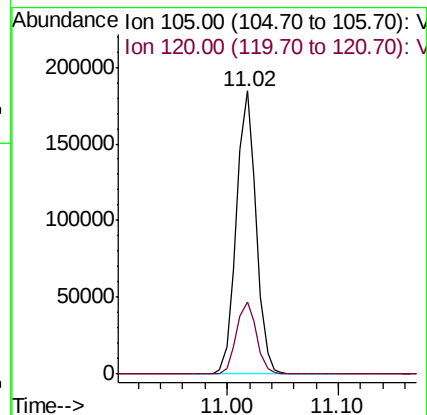
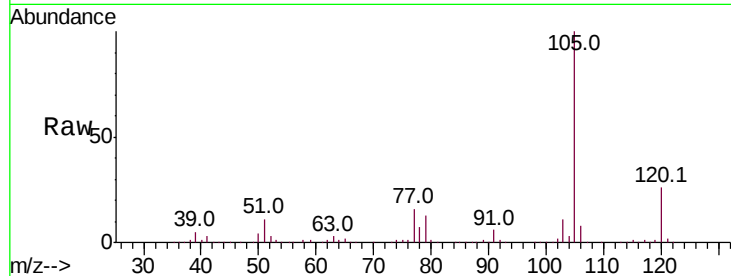
120 26.1 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 22.403 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion: 43 Resp: 130484

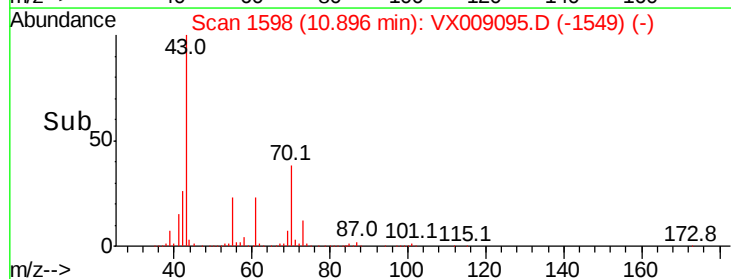
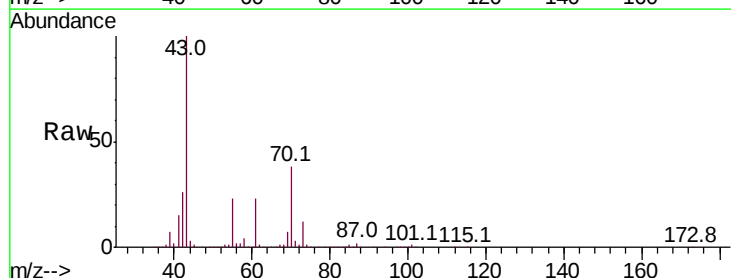
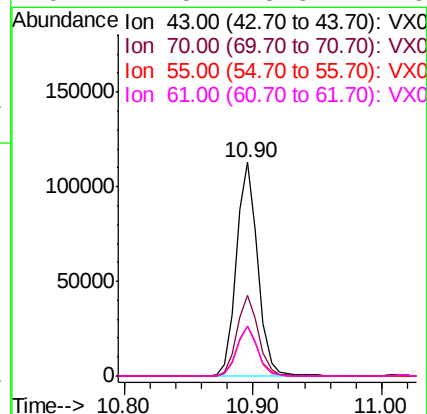
Ion Ratio Lower Upper

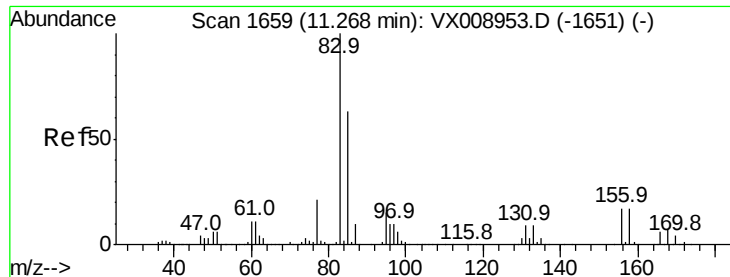
43 100

70 38.3 29.9 44.9

55 23.2 17.8 26.8

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 22.809 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

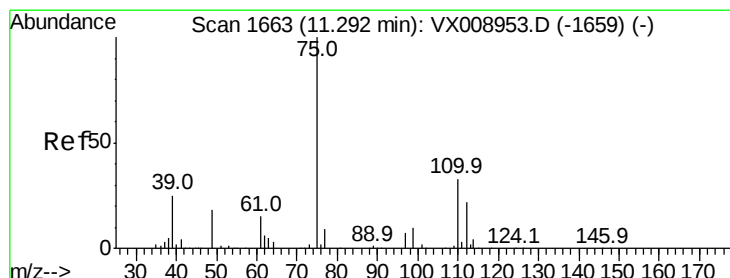
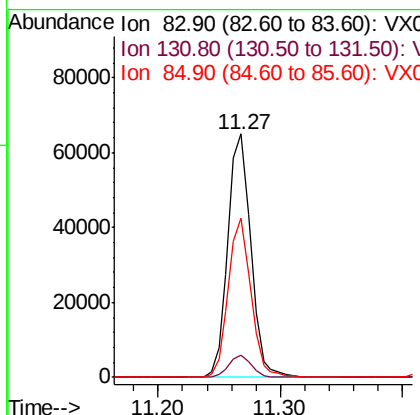
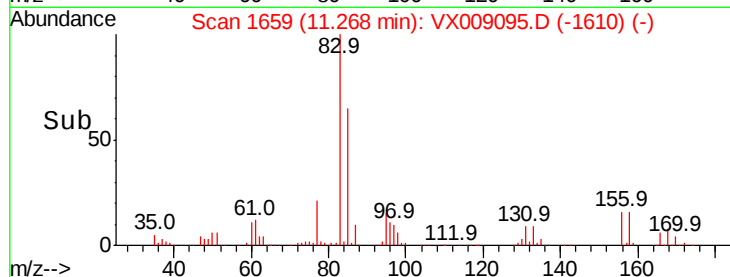
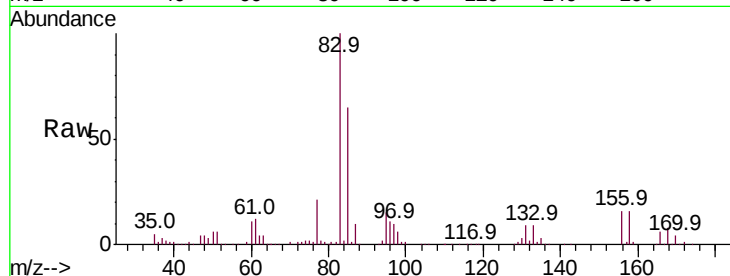
ClientSampleId :

VX0422WBSD01

Tot Ion:	83	Resp:	84539
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.7	14.0
85	64.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 22.486 ug/l m

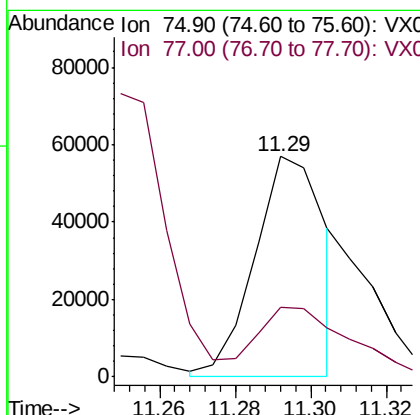
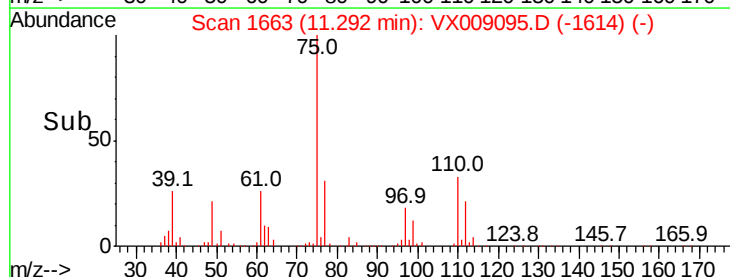
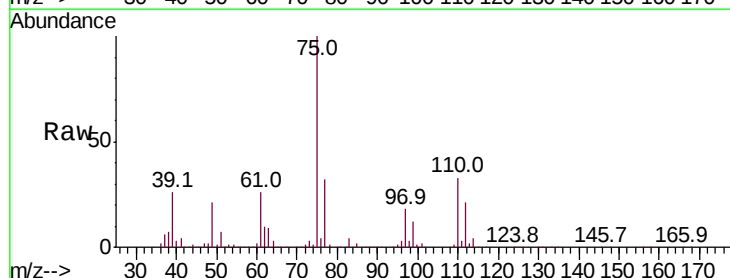
RT: 11.29 min Scan# 1663

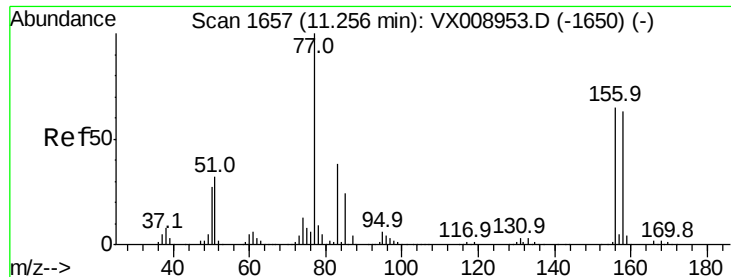
Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion:	75	Resp:	73480
Ion Ratio	Lower	Upper	
75	100		
77	43.0	22.7	68.0





#77

Bromobenzene

Concen: 21.306 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion:156 Resp: 54529

Ion Ratio Lower Upper

156 100

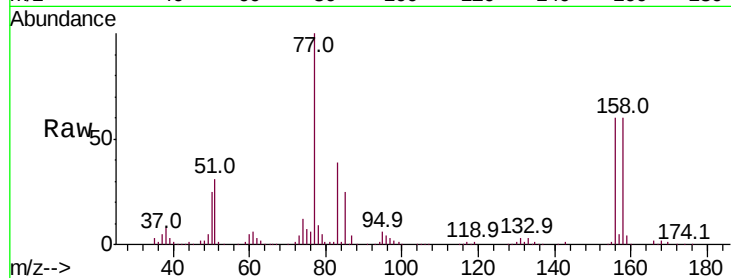
77 174.7 85.4 256.1

158 98.7 48.8 146.4

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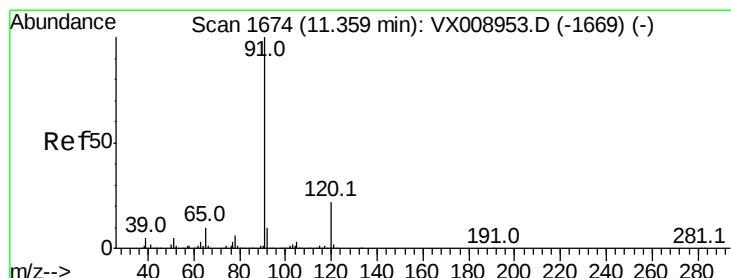
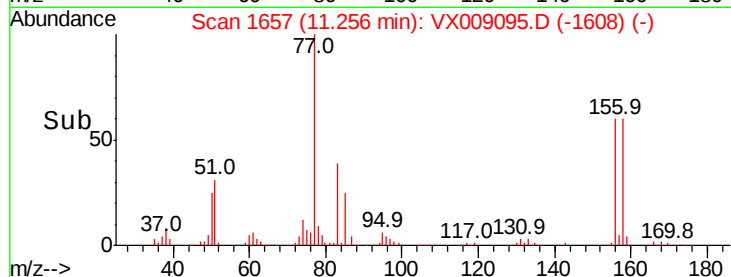
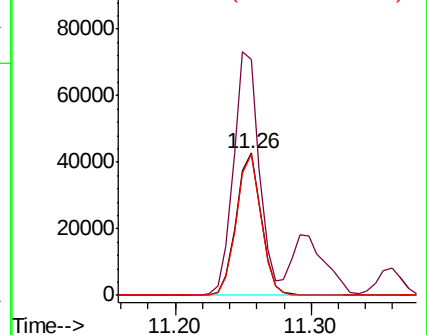
4/23/2019 10:30:51 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.167 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009095.D

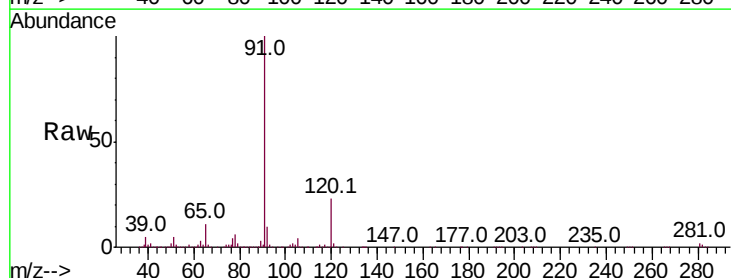
Acq: 22 Apr 2019 14:25

Tgt Ion: 91 Resp: 258082

Ion Ratio Lower Upper

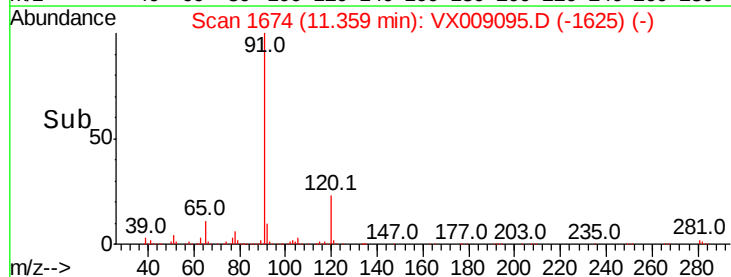
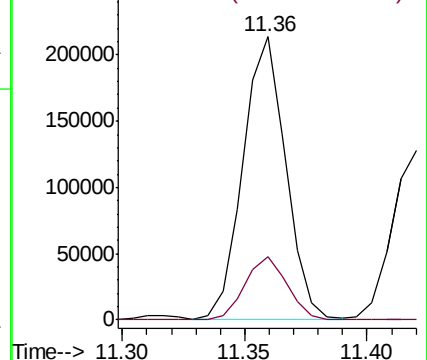
91 100

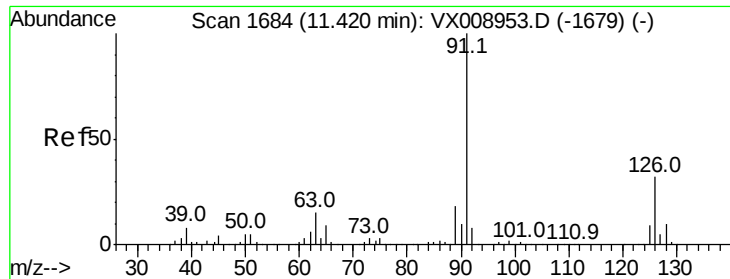
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.254 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 91 Resp: 156133

Ion Ratio Lower Upper

91 100

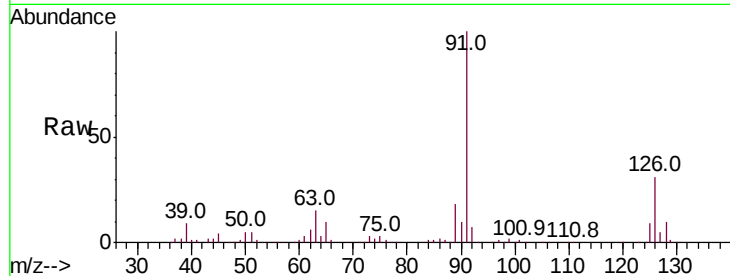
126 32.3 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)

250000

200000

150000

100000

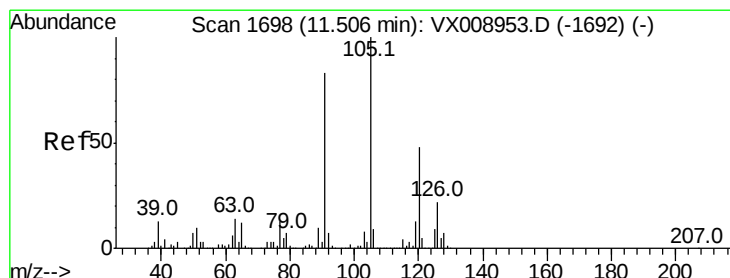
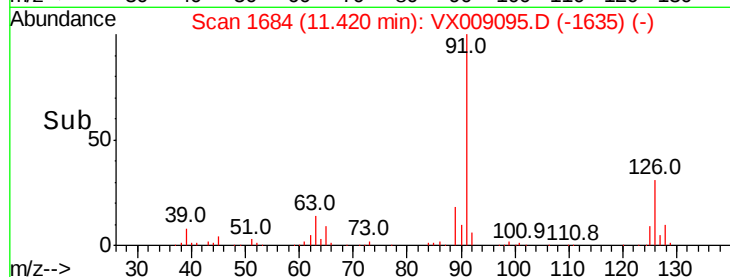
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.389 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009095.D

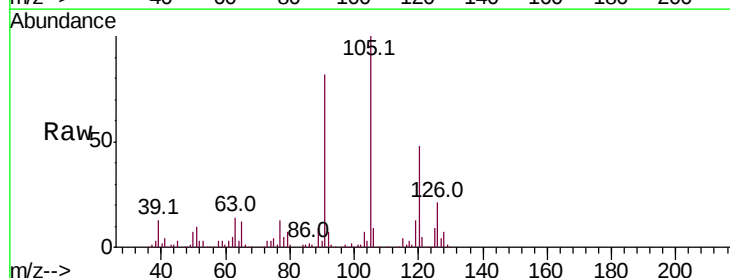
Acq: 22 Apr 2019 14:25

Tgt Ion:105 Resp: 190581

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)

150000

100000

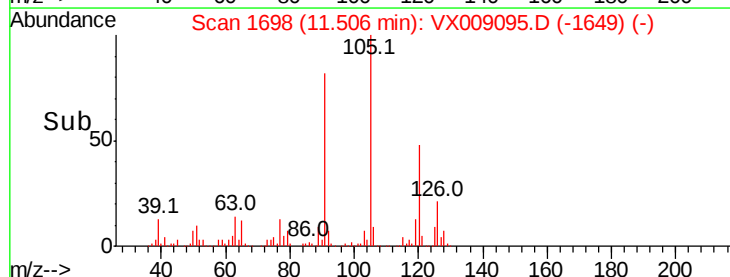
50000

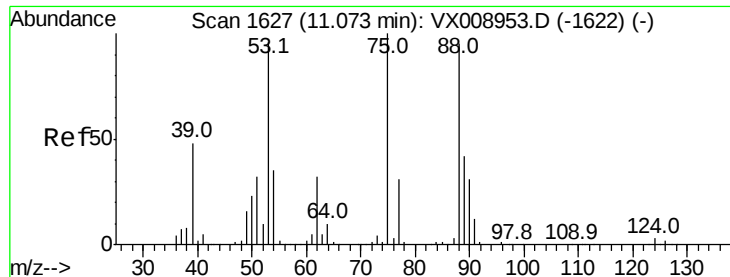
0

11.51

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.890 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 75 Resp: 26590

Ion Ratio Lower Upper

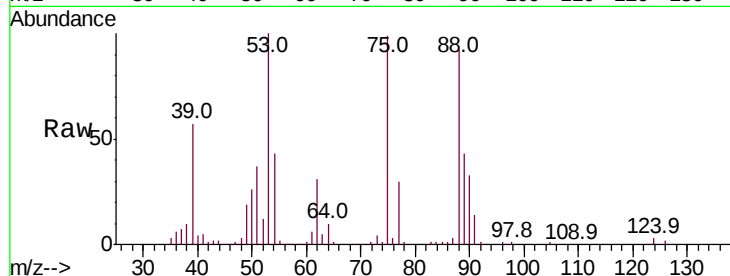
75 100

53 102.8 78.2 117.4

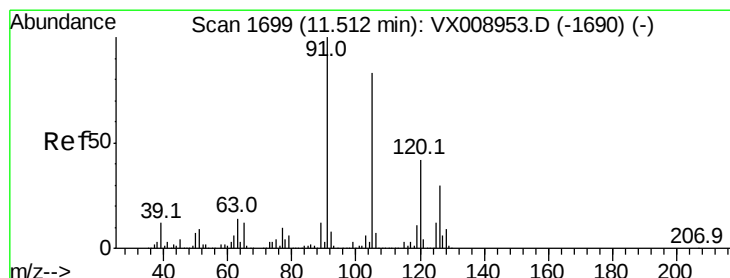
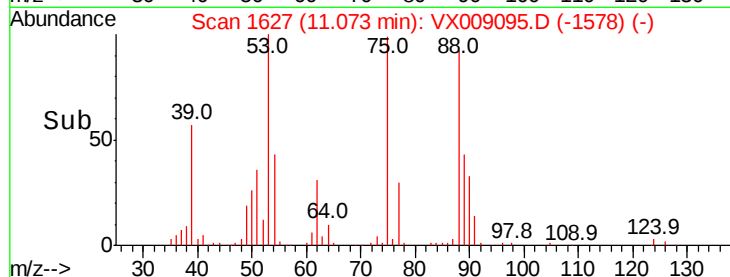
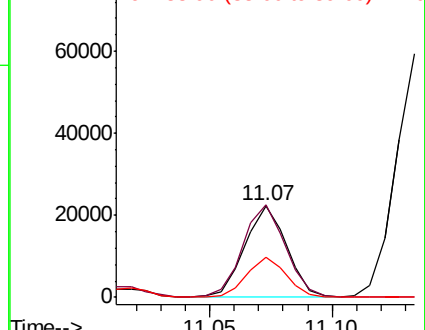
89 42.6 36.0 54.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.959 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009095.D

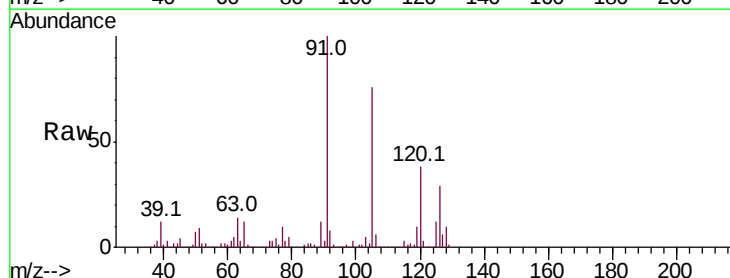
Acq: 22 Apr 2019 14:25

Tgt Ion: 91 Resp: 178926

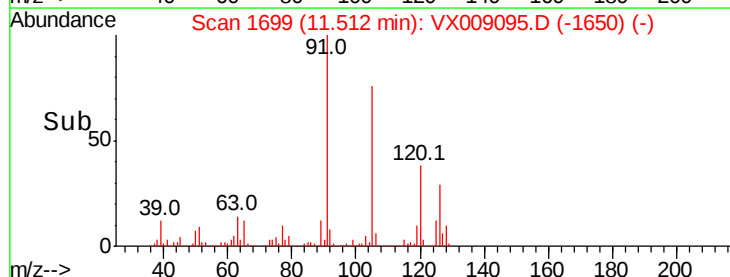
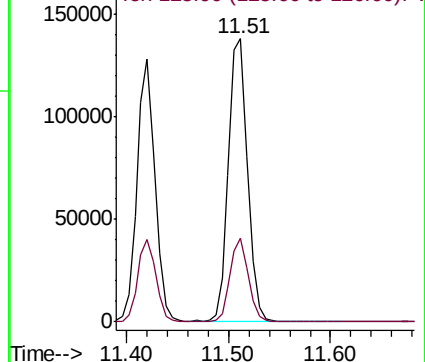
Ion Ratio Lower Upper

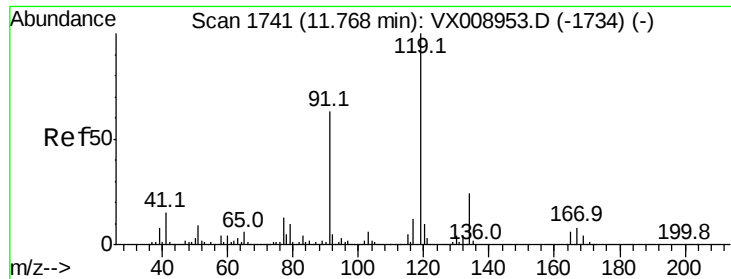
91 100

126 28.1 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 22.075 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

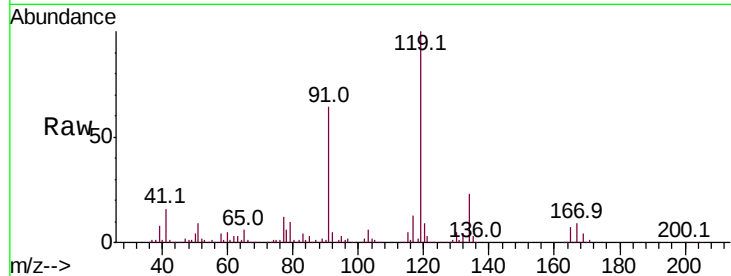
ClientSampleId :

VX0422WBSD01

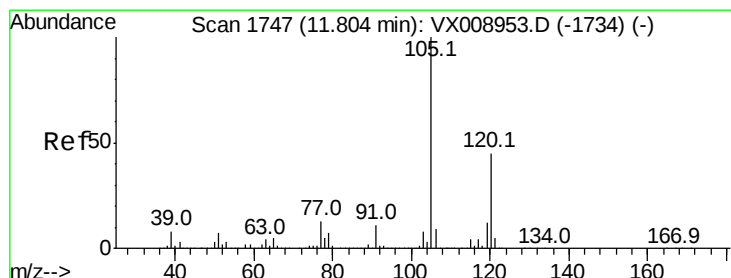
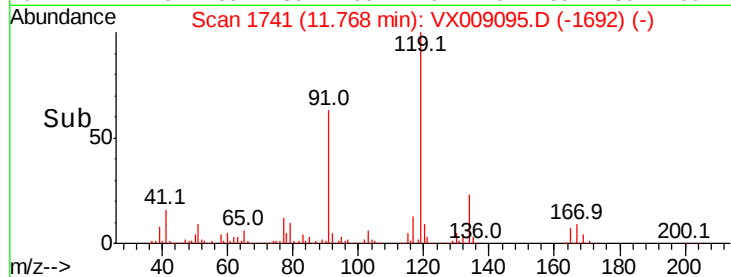
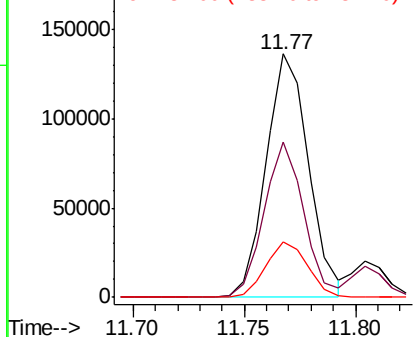
Tot Ion:	119	Resp:	180408
Ion Ratio	Lower	Upper	
119	100		
91	60.0	29.7	89.1
134	22.5	11.2	33.5

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.974 ug/l

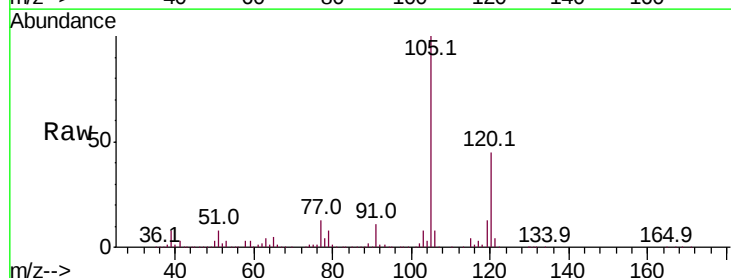
RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

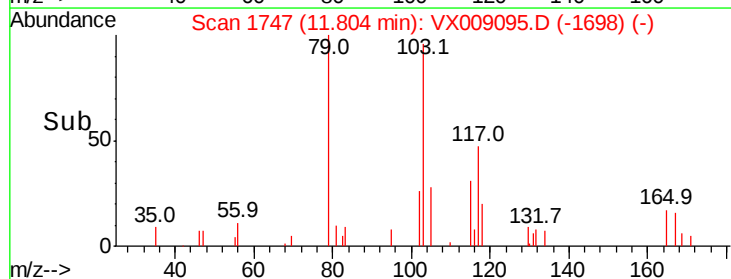
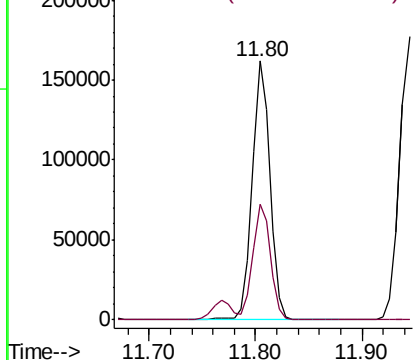
Lab File: VX009095.D

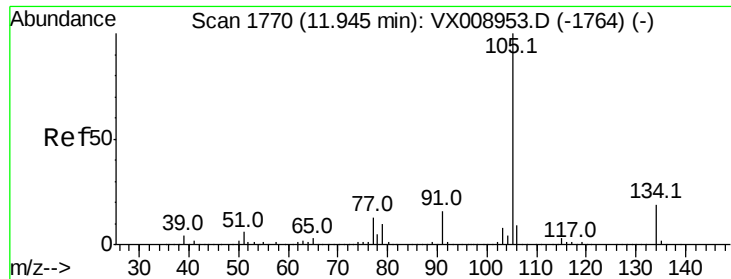
Acq: 22 Apr 2019 14:25

Tgt Ion:	105	Resp:	190403
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.9	65.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.181 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion:105 Resp: 216197

Ion Ratio Lower Upper

105 100

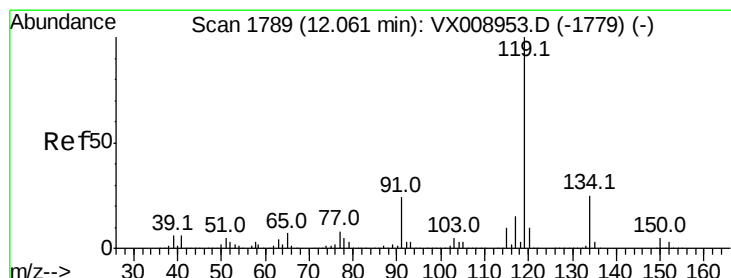
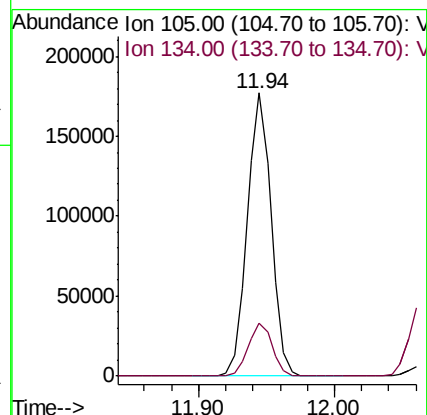
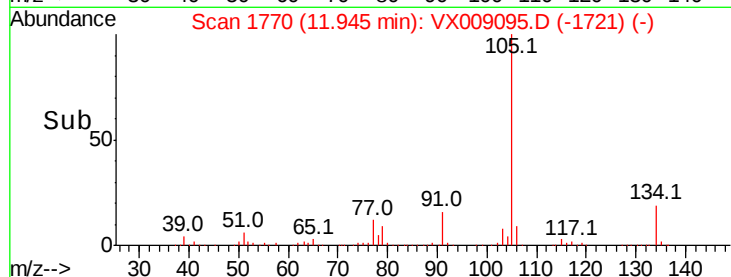
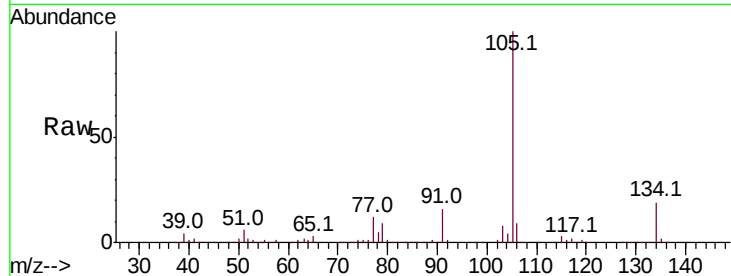
134 19.0 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 21.702 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

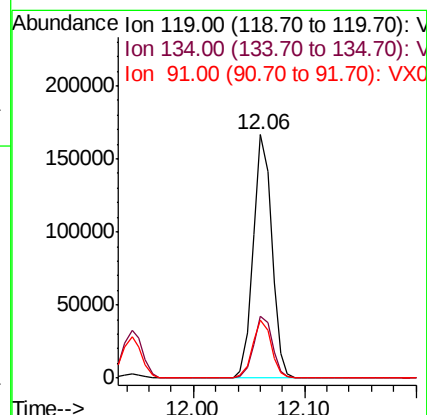
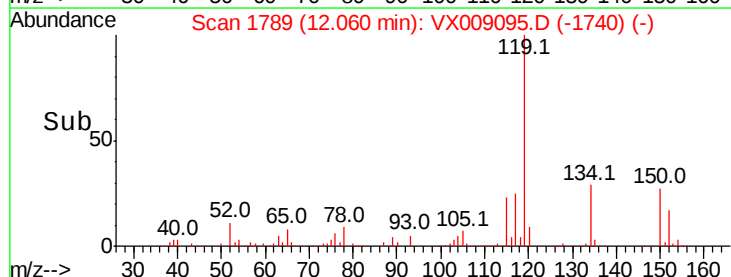
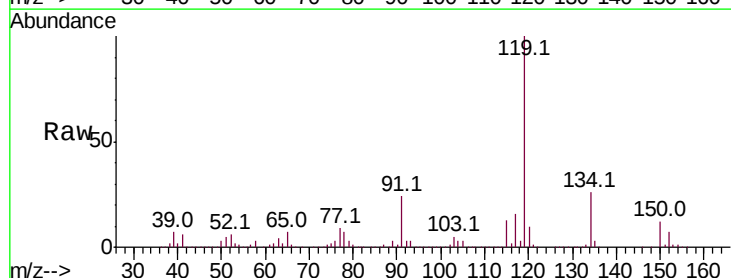
Tgt Ion:119 Resp: 194477

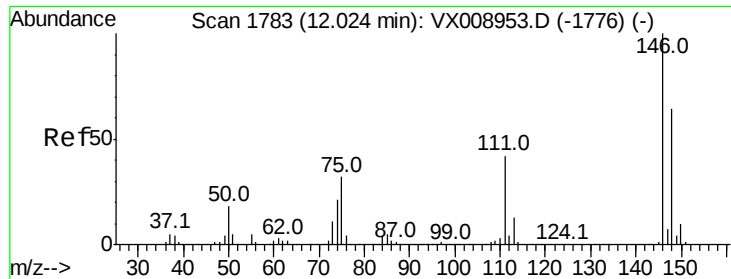
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.0 11.9 35.5





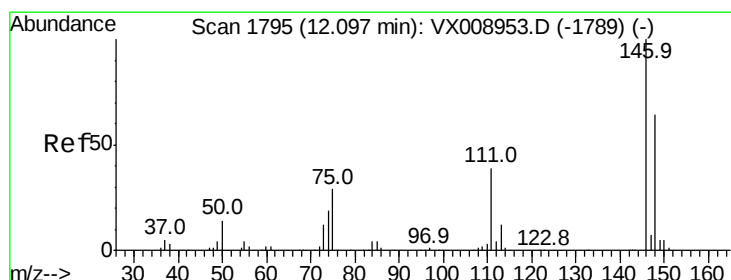
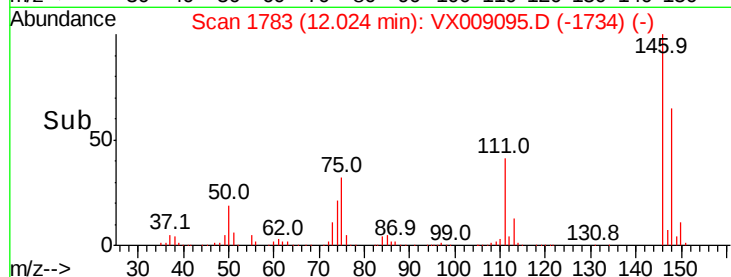
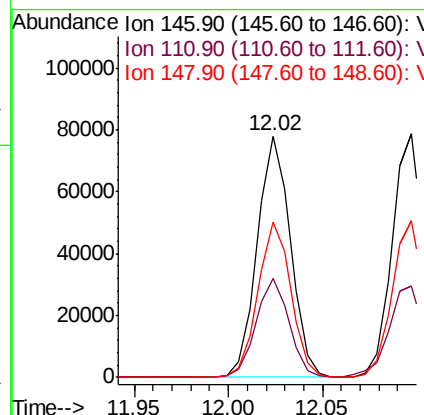
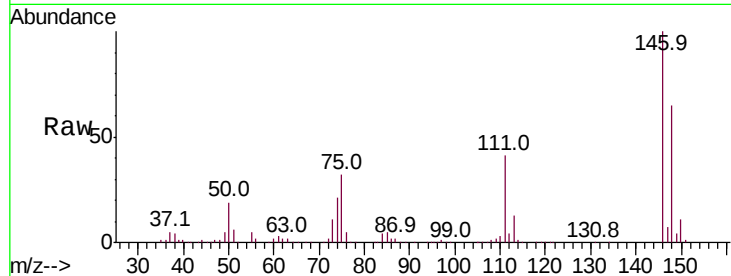
#87
 1,3-Dichlorobenzene
 Concen: 21.319 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.6
148	63.9	32.2	96.6

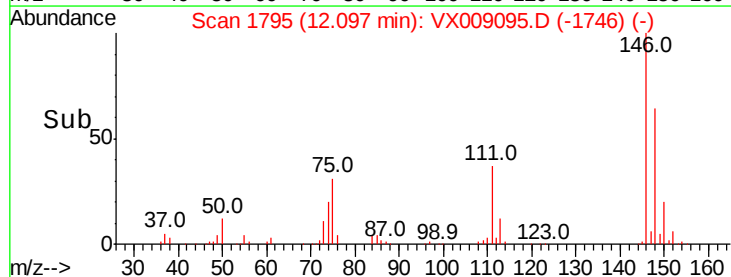
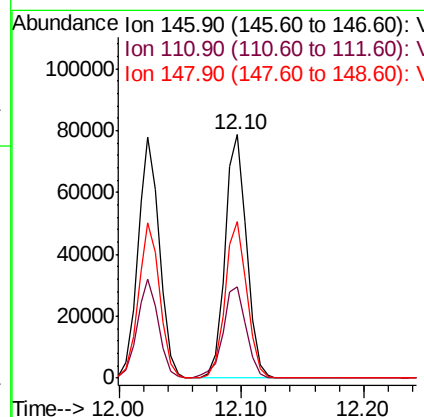
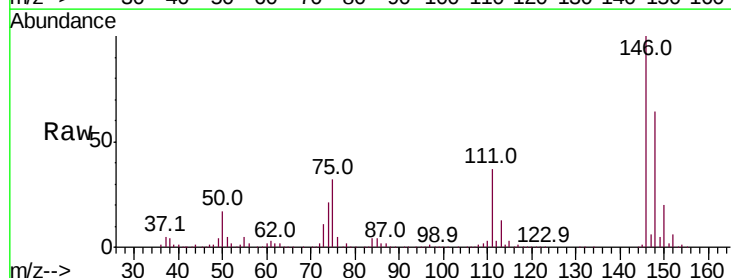
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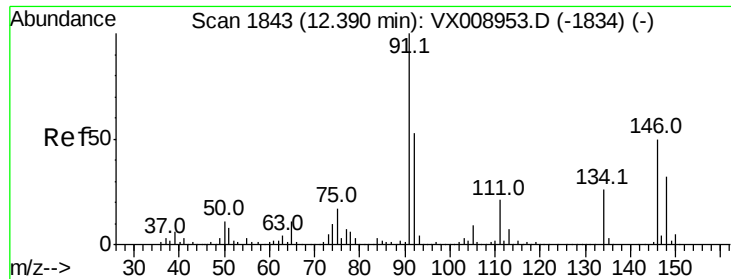
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#88
 1,4-Dichlorobenzene
 Concen: 21.188 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	59.9
148	65.0	32.2	96.6





#89

n-Butylbenzene

Concen: 21.008 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 91 Resp: 175327
Ion Ratio Lower Upper

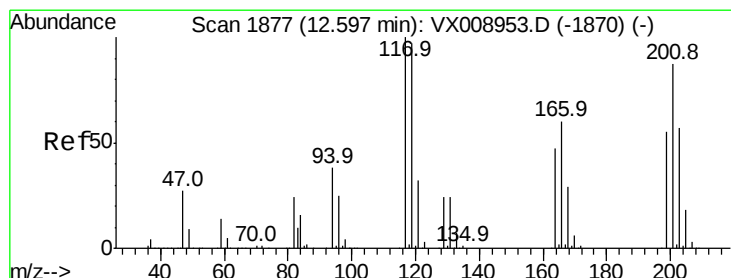
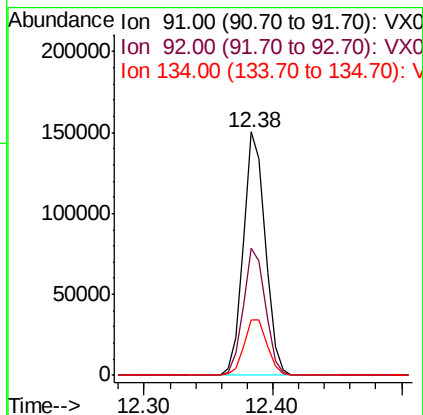
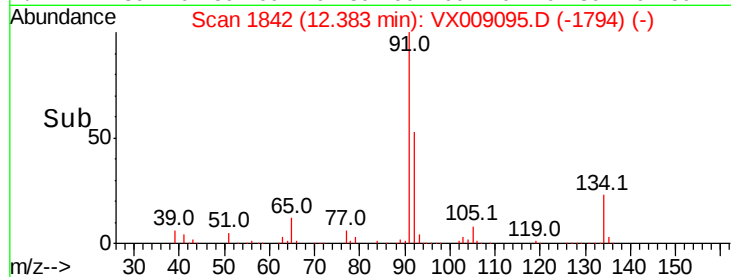
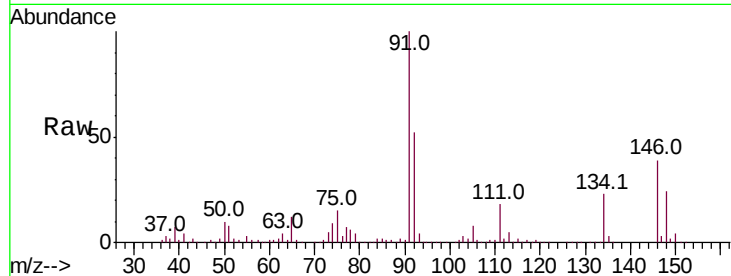
91 100

92 53.2 26.6 79.8

134 24.3 12.4 37.2

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#90

Hexachloroethane

Concen: 21.524 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

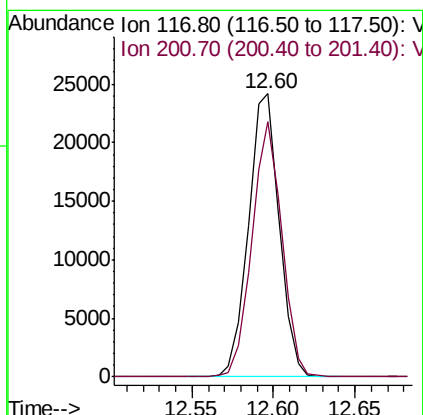
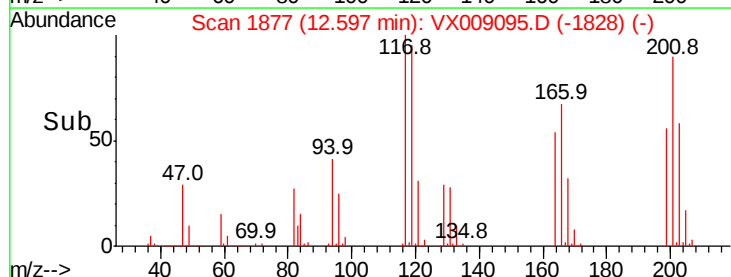
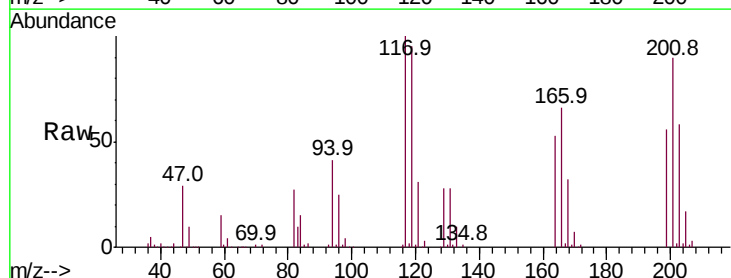
Lab File: VX009095.D

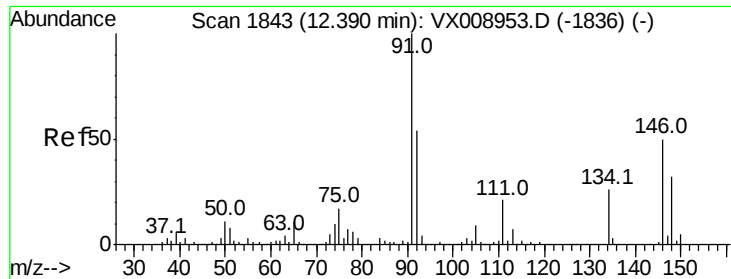
Acq: 22 Apr 2019 14:25

Tgt Ion: 117 Resp: 31817
Ion Ratio Lower Upper

117 100

201 87.2 43.0 129.0





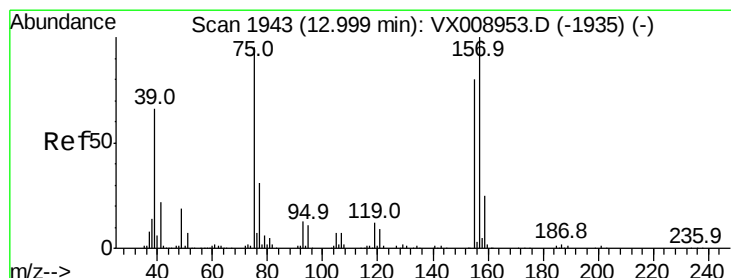
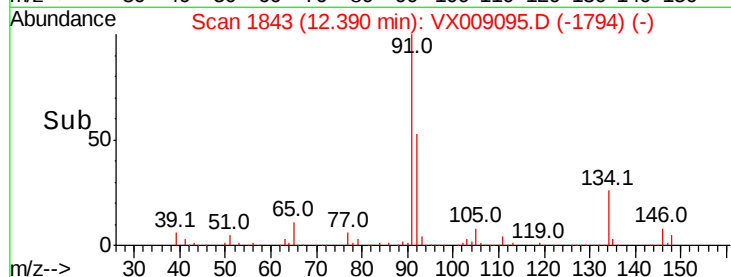
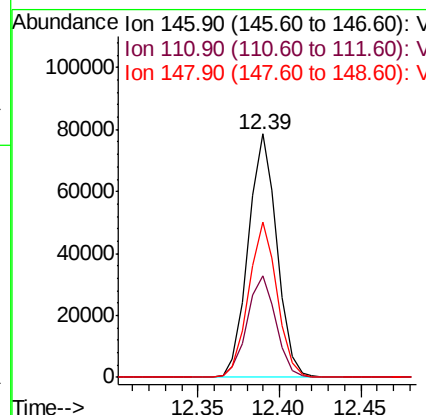
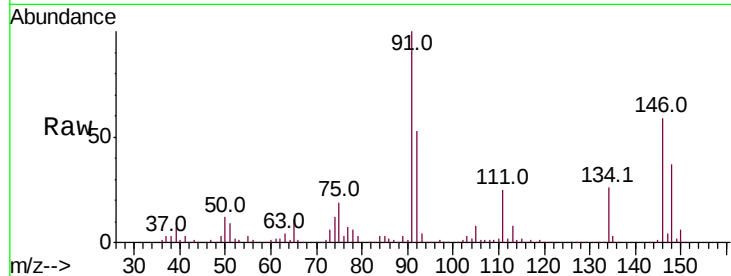
#91
 1,2-Dichlorobenzene
 Concen: 21.817 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.9
148	63.2	32.0	96.2

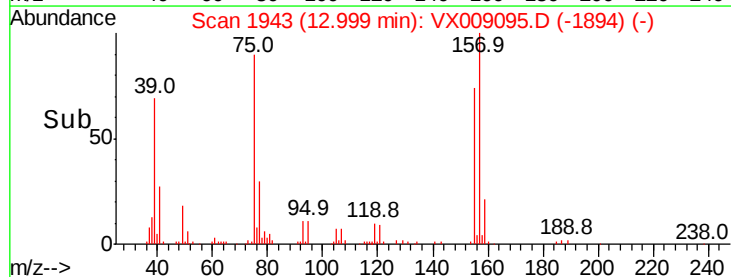
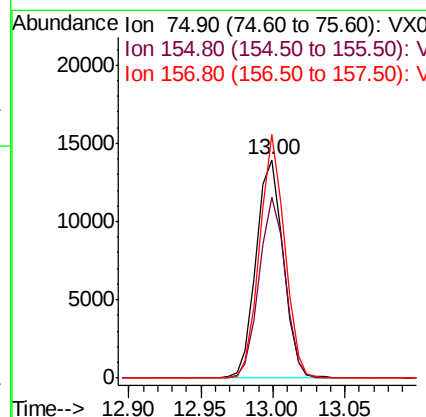
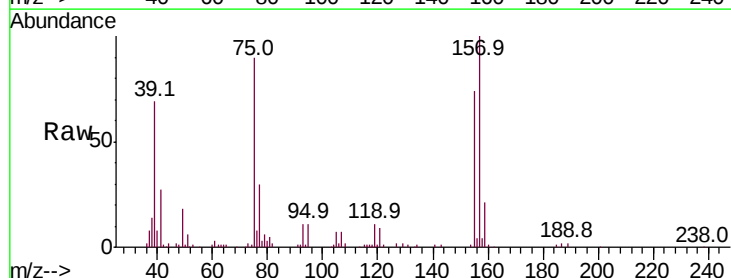
Manual Integrations
 APPROVED

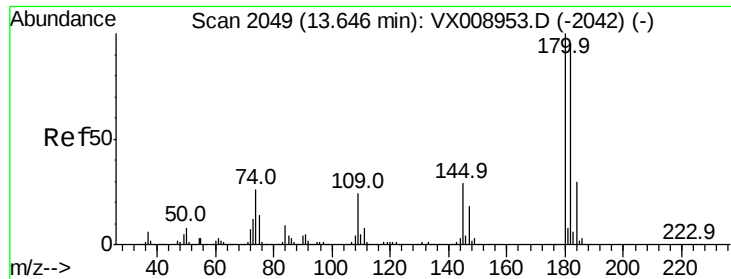
MMDadoda
 4/23/2019 10:30:51 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.398 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	41.2	123.6
157	102.5	52.5	157.6





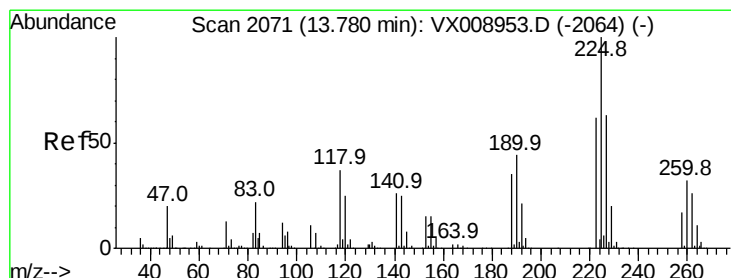
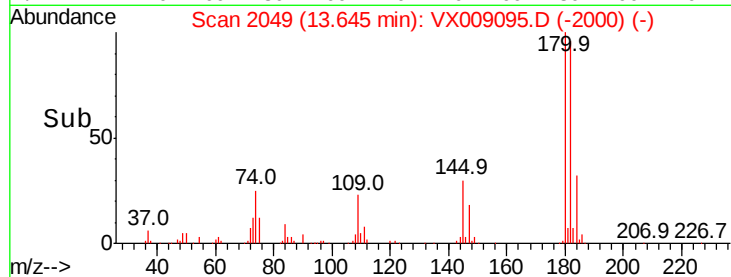
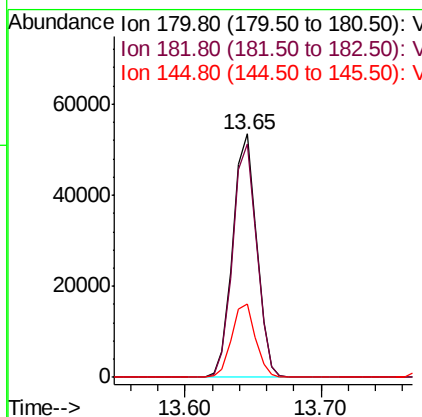
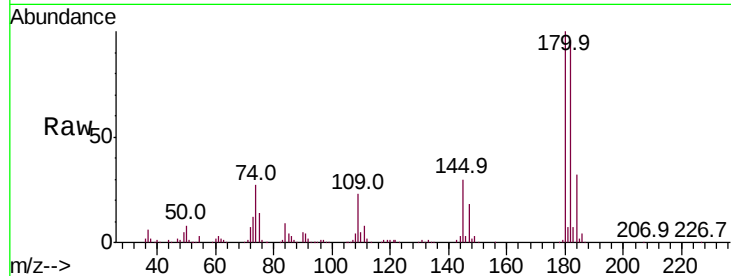
#93
 1,2,4-Trichlorobenzene
 Concen: 20.571 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.6	142.9
145	30.3	14.8	44.4

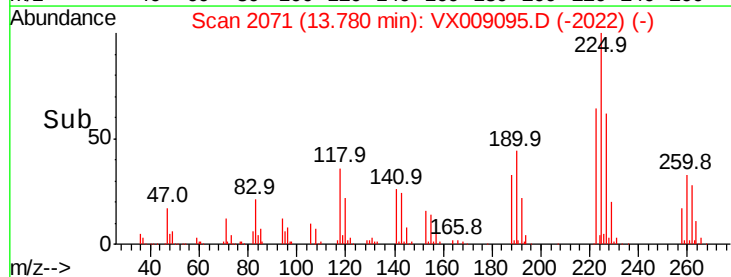
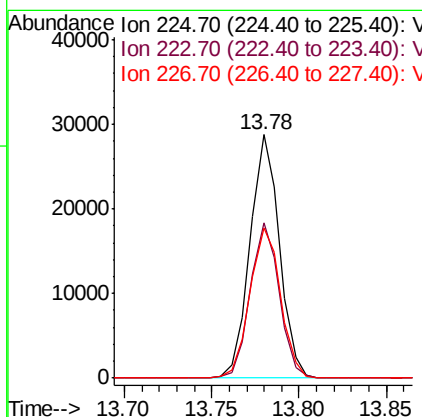
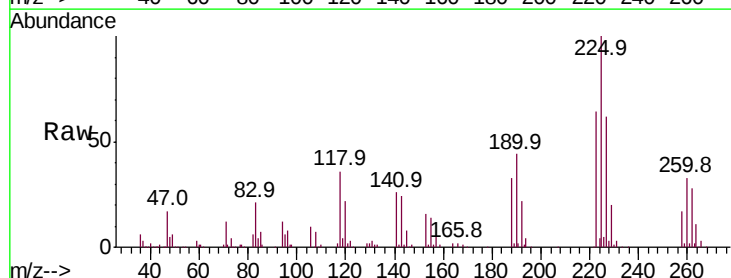
Manual Integrations
 APPROVED

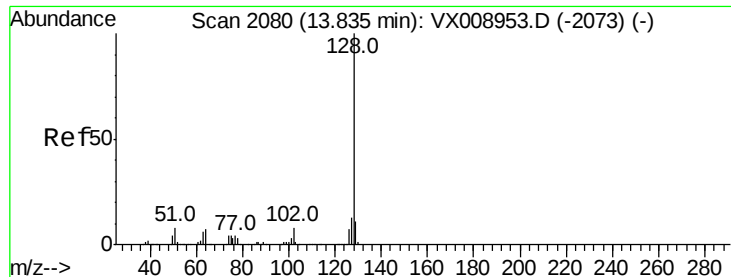
MMDadoda
 4/23/2019 10:30:51 AM



#94
 Hexachlorobutadiene
 Concen: 21.051 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009095.D
 Acq: 22 Apr 2019 14:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.2
227	64.3	32.0	96.2





#95

Naphthalene

Concen: 21.392 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Instrument :

MSVOA_X

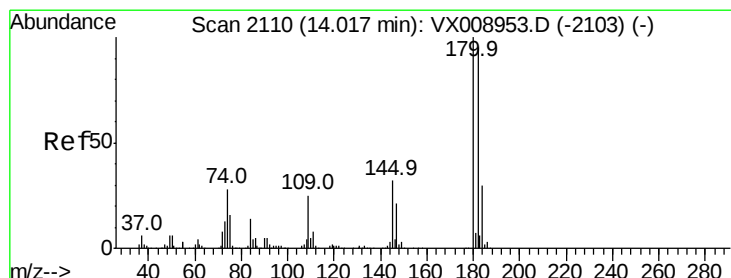
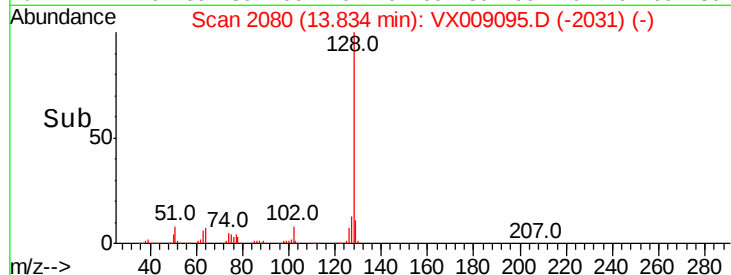
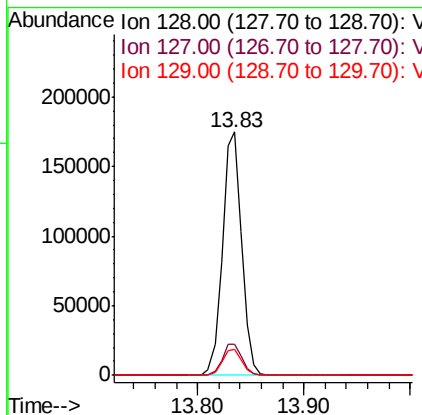
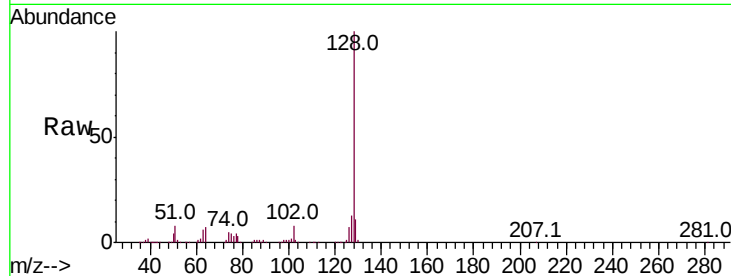
ClientSampleId :

VX0422WBSD01

Tot Ion:	128	Resp:	218836
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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4/23/2019 10:30:51 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.026 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009095.D

Acq: 22 Apr 2019 14:25

Tgt Ion:	180	Resp:	66242
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.8	143.4
145	31.6	15.8	47.3

