

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009088.D
 Acq On : 22 Apr 2019 11:42
 Operator : JC/SP
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 10:30:47 AM

Quant Time: Apr 23 03:31:00 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	5.67	168	207151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139700	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	139169	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	104179	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	417954	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.13	95	147930	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	51918	21.760	ug/l	99
3) Chloromethane	1.32	50	63976	21.841	ug/l	99
4) Vinyl Chloride	1.41	62	58804	20.626	ug/l	98
5) Bromomethane	1.64	94	30351	19.540	ug/l	97
6) Chloroethane	1.72	64	36953	22.042	ug/l	97
7) Trichlorofluoromethane	1.93	101	67325	20.226	ug/l	97
8) Diethyl Ether	2.19	74	31063	20.405	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42428	19.935	ug/l	100
10) Methyl Iodide	2.51	142	37671	19.174	ug/l	100
11) Tert butyl alcohol	3.04	59	67352	103.936	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44245	19.917	ug/l	99
13) Acrolein	2.29	56	44249	79.029	ug/l	98
14) Allyl chloride	2.73	41	100289	20.693	ug/l	98
15) Acrylonitrile	3.14	53	170820	103.843	ug/l	100
16) Acetone	2.45	43	161452	106.646	ug/l	99
17) Carbon Disulfide	2.57	76	131428	20.882	ug/l	100
18) Methyl Acetate	2.77	43	75276	19.923	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	161318	20.380	ug/l	99
20) Methylene Chloride	2.85	84	52039	20.100	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	47161	19.904	ug/l	96
22) Diisopropyl ether	3.85	45	198298	21.056	ug/l	98
23) Vinyl Acetate	3.81	43	883999	106.783	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96727	20.460	ug/l	100
25) 2-Butanone	4.67	43	256588	106.033	ug/l	98
26) 2,2-Dichloropropane	4.59	77	69452	19.599	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	54070	20.099	ug/l	99
28) Bromochloromethane	5.01	49	40248	19.313	ug/l	100
29) Tetrahydrofuran	5.13	42	168768	104.199	ug/l	100
30) Chloroform	5.21	83	87700	20.731	ug/l	99
31) Cyclohexane	5.58	56	95106	20.454	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	71006	20.251	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67684	19.427	ug/l	99
37) Ethyl Acetate	4.83	43	94983	21.187	ug/l	99
38) Carbon Tetrachloride	5.79	117	59398	20.110	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84768	19.984	ug/l	99
40) Benzene	6.14	78	208596	20.295	ug/l	100
41) Methacrylonitrile	5.04	41	52122	20.258	ug/l	97
42) 1,2-Dichloroethane	6.19	62	73686	20.239	ug/l	100
43) Isopropyl Acetate	6.45	43	147402	20.403	ug/l	99
44) Trichloroethene	7.21	130	49390	19.612	ug/l	98
45) 1,2-Dichloropropane	7.51	63	58996	20.690	ug/l	98
46) Dibromomethane	7.66	93	33779	20.356	ug/l	97
47) Bromodichloromethane	7.90	83	66087	20.305	ug/l	99
48) Methyl methacrylate	7.77	41	73979	20.724	ug/l	100
49) 1,4-Dioxane	7.74	88	27832	416.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	482969	104.935	ug/l	100
52) Toluene	8.79	92	127174	20.646	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	76011	20.293	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84674	20.188	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	50750	20.788	ug/l	98
56) Ethyl methacrylate	9.18	69	90978	20.783	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90196	20.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	225474	95.650	ug/l	100
59) 2-Hexanone	9.49	43	374007	105.399	ug/l	100
60) Dibromochloromethane	9.58	129	48045	20.534	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51449	20.419	ug/l	99
64) Tetrachloroethene	9.34	164	45773	20.229	ug/l	95
65) Chlorobenzene	10.13	112	128396	20.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45482	20.536	ug/l	99
67) Ethyl Benzene	10.25	91	234869	20.436	ug/l	99
68) m/p-Xylenes	10.36	106	169961	40.692	ug/l	98
69) o-Xylene	10.69	106	82764	20.365	ug/l	98
70) Styrene	10.71	104	142733	20.267	ug/l	99
71) Bromoform	10.85	173	35648	20.203	ug/l #	99
73) Isopropylbenzene	11.02	105	218761	20.659	ug/l	99
74) N-amyl acetate	10.90	43	127929	21.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81714	21.120	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	70631m	20.706	ug/l	
77) Bromobenzene	11.26	156	54607	20.439	ug/l	99
78) n-propylbenzene	11.36	91	251391	20.684	ug/l	100
79) 2-Chlorotoluene	11.42	91	152973	20.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	185688	20.897	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25971	19.546	ug/l	94
82) 4-Chlorotoluene	11.51	91	173279	20.372	ug/l	99
83) tert-Butylbenzene	11.77	119	175943	20.623	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	188706	20.863	ug/l	99
85) sec-Butylbenzene	11.94	105	211701	20.806	ug/l	99
86) p-Isopropyltoluene	12.06	119	192311	20.558	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	94433	20.195	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94010	19.833	ug/l	99
89) n-Butylbenzene	12.38	91	174790	20.063	ug/l	99
90) Hexachloroethane	12.60	117	31908	20.678	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93165	20.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17126	19.441	ug/l	100

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ClientSampleId :
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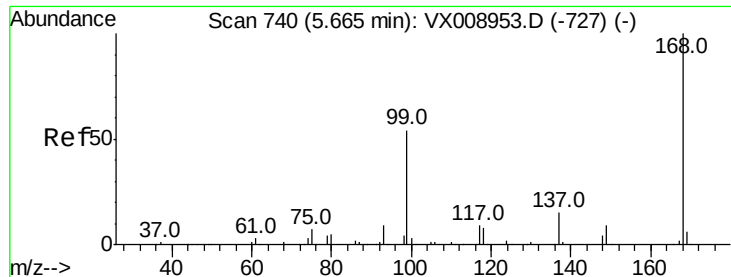
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QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65516	19.656	ug/l	99
94) Hexachlorobutadiene	13.78	225	33428	20.108	ug/l	100
95) Naphthalene	13.83	128	212397	19.889	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65289	19.852	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion:168 Resp: 207151

Ion Ratio Lower Upper

168 100

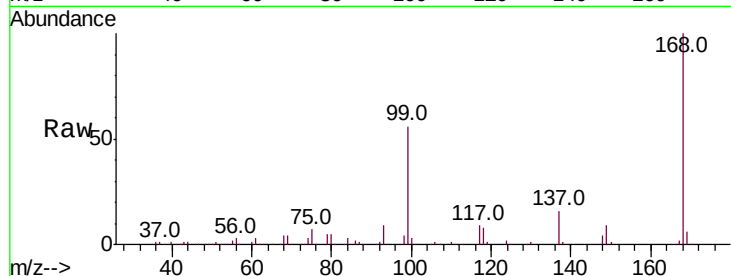
99 55.5 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

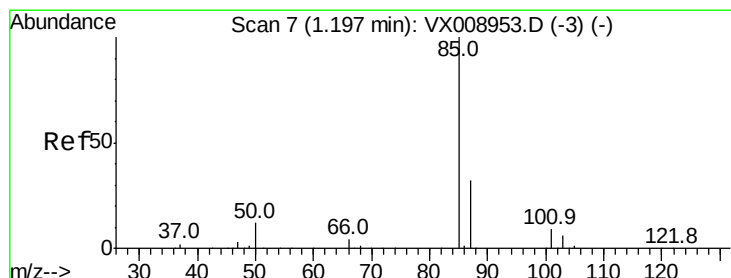
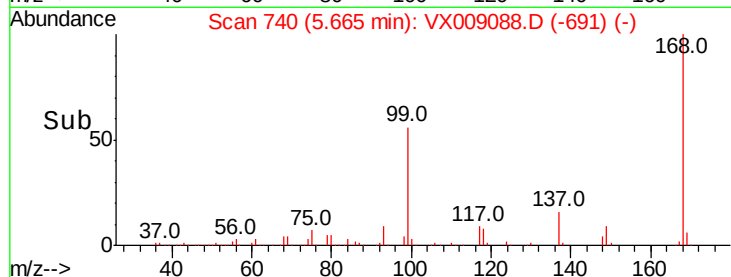
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.760 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009088.D

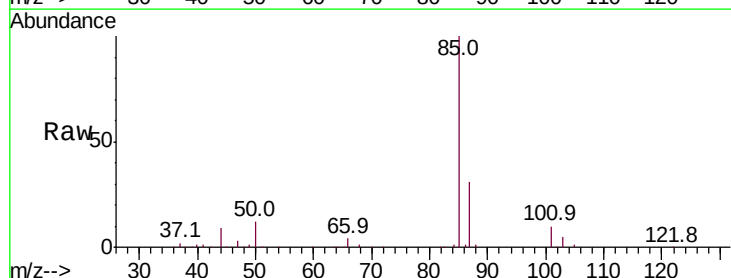
Acq: 22 Apr 2019 11:42

Tgt Ion: 85 Resp: 51918

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

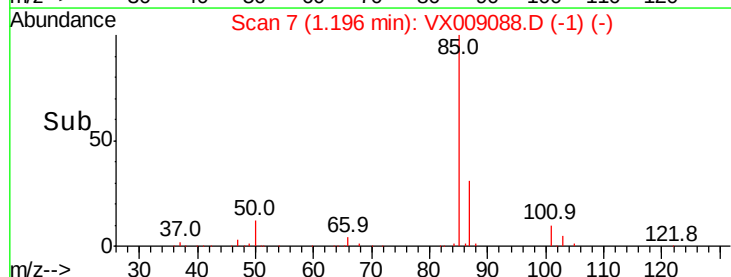
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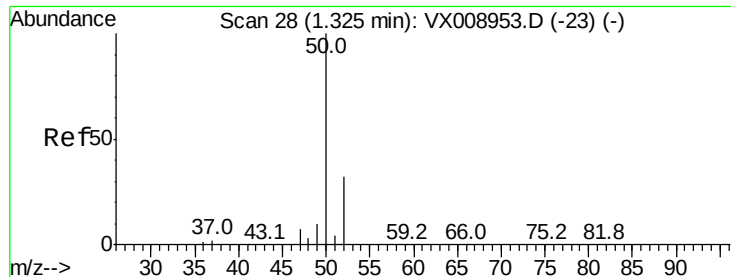
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.841 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 50 Resp: 63976

Ion Ratio Lower Upper

50 100

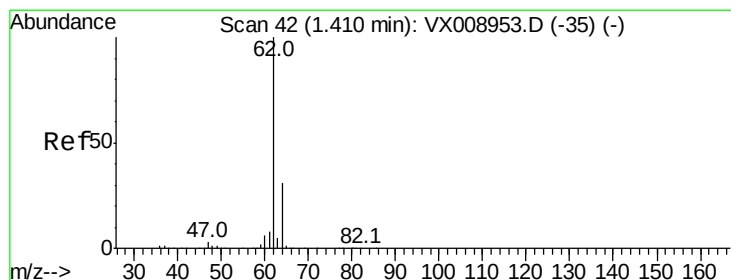
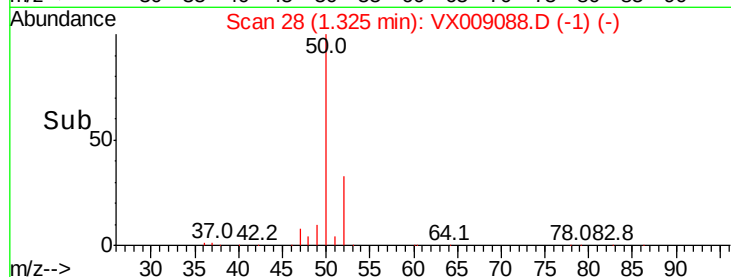
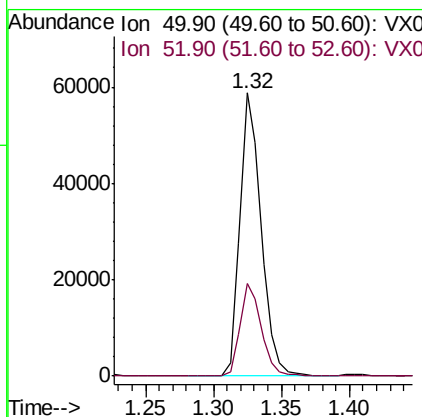
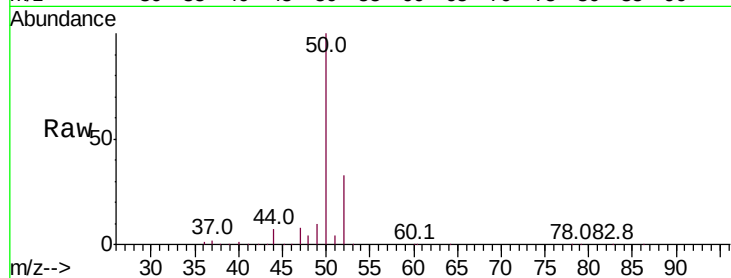
52 32.7 25.5 38.3

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#4

Vinyl Chloride

Concen: 20.626 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009088.D

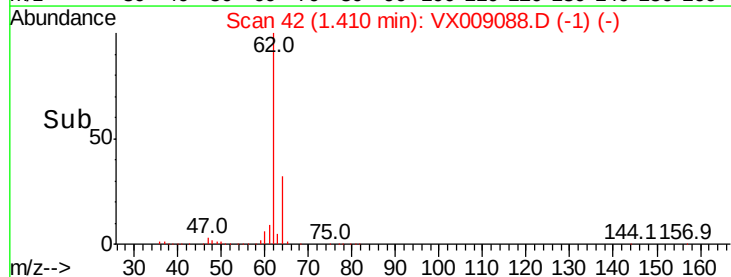
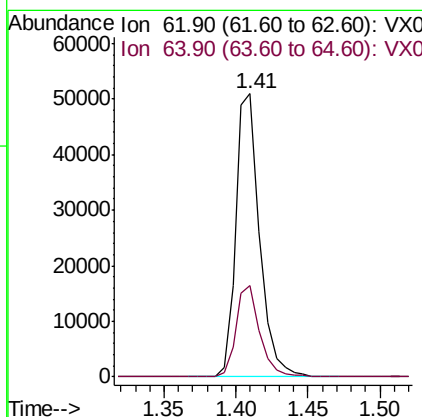
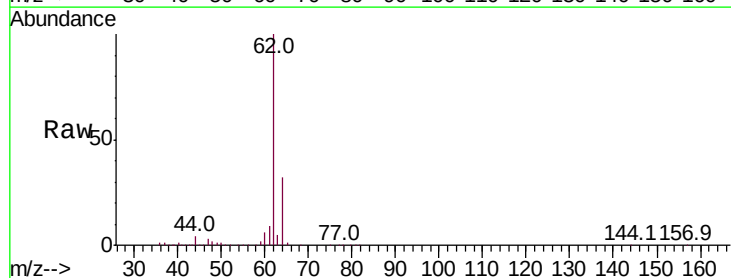
Acq: 22 Apr 2019 11:42

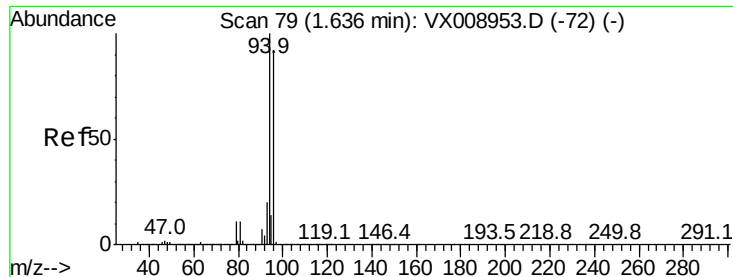
Tgt Ion: 62 Resp: 58804

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 19.540 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 94 Resp: 30351

Ion Ratio Lower Upper

94 100

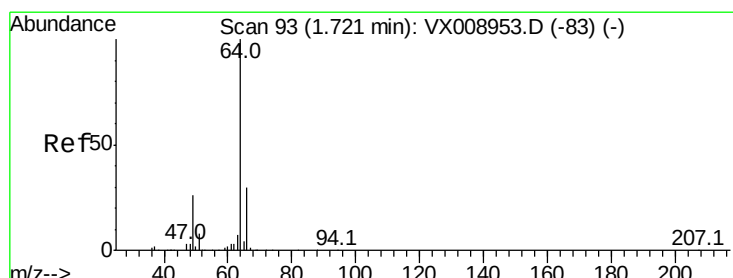
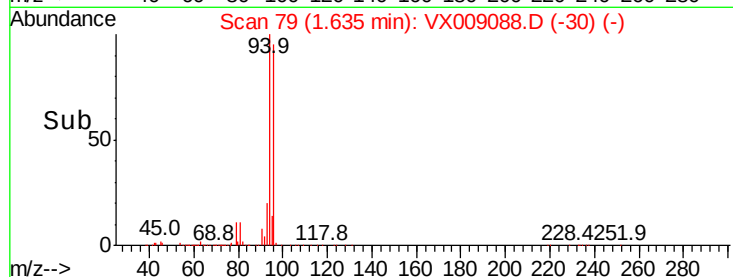
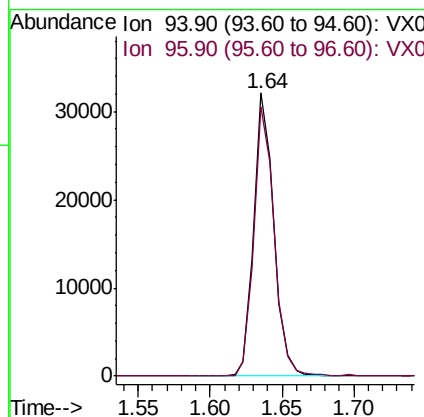
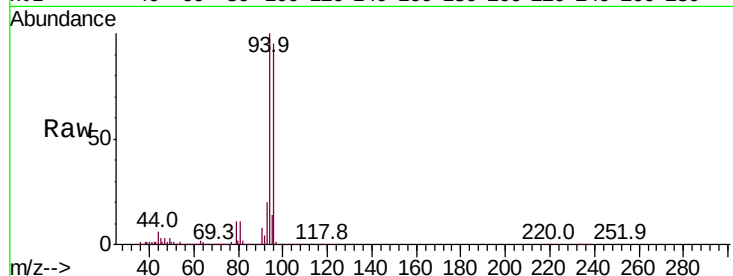
96 94.9 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 22.042 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009088.D

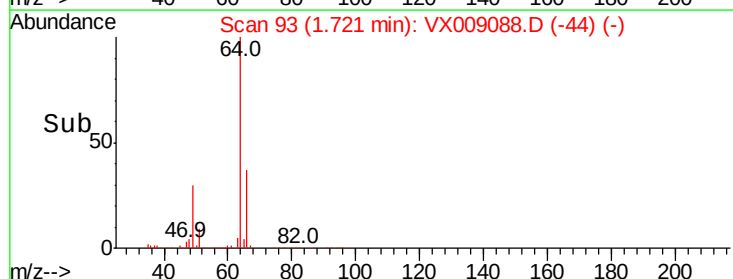
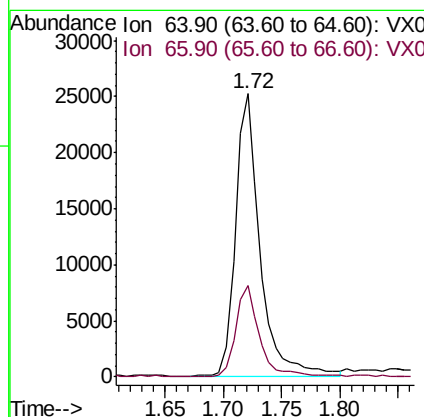
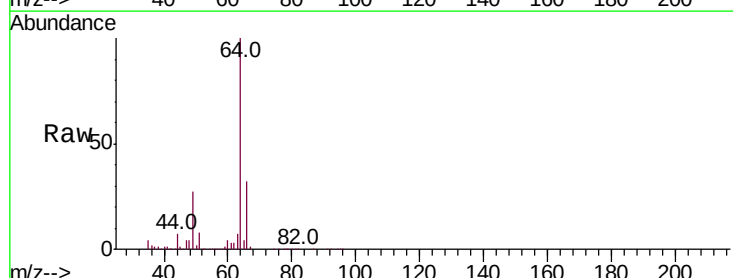
Acq: 22 Apr 2019 11:42

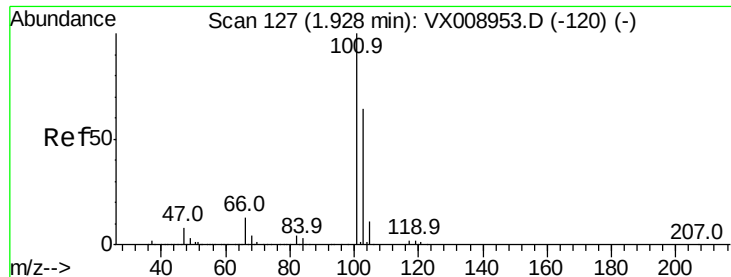
Tgt Ion: 64 Resp: 36953

Ion Ratio Lower Upper

64 100

66 32.0 24.2 36.2





#7

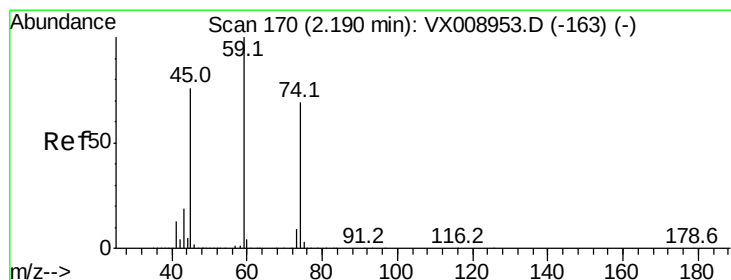
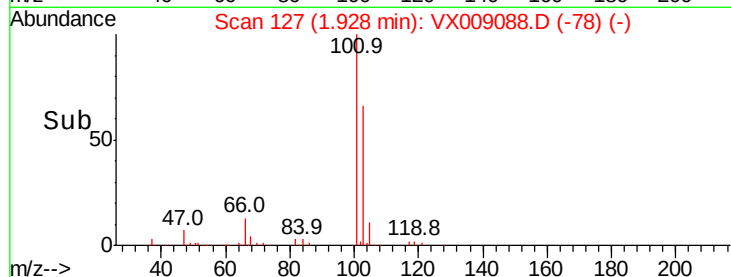
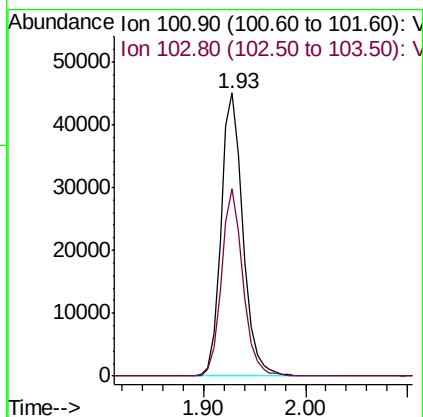
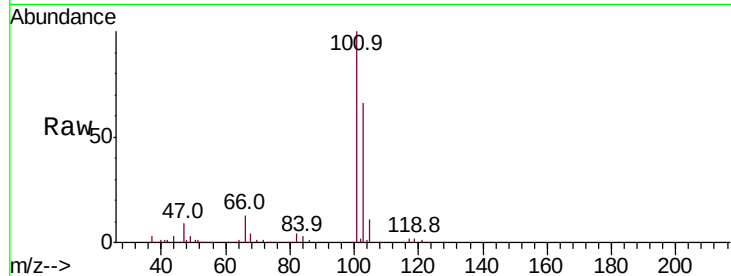
Trichlorofluoromethane
Concen: 20.226 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
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ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.0	76.6

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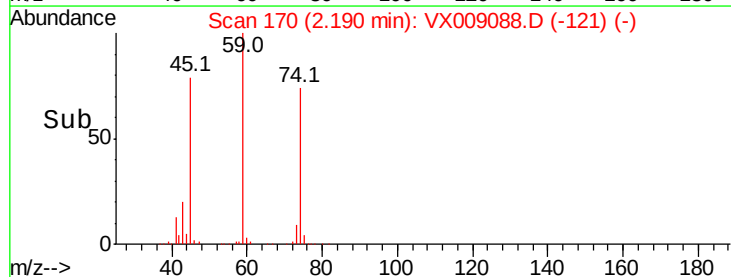
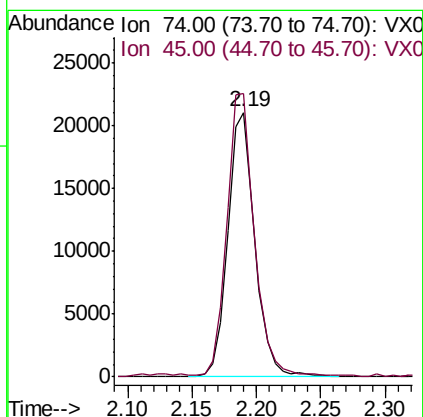
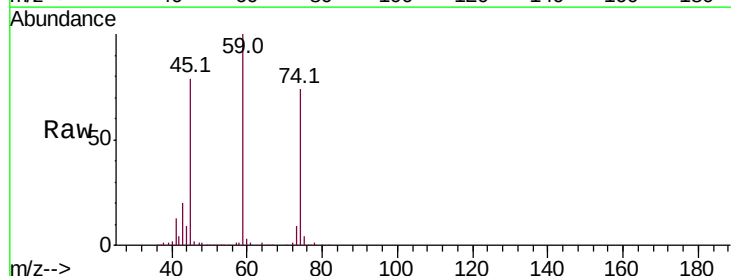
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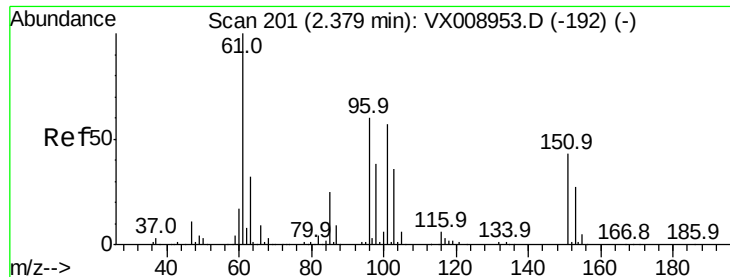


#8

Diethyl Ether
Concen: 20.405 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.5	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.935 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

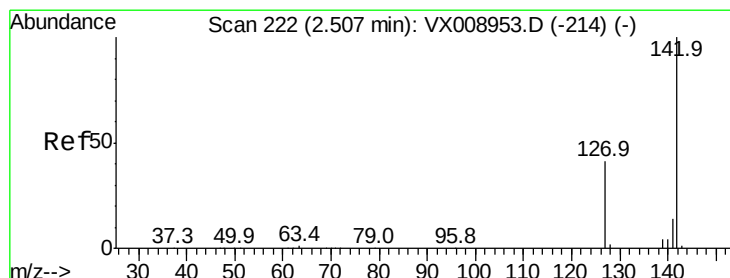
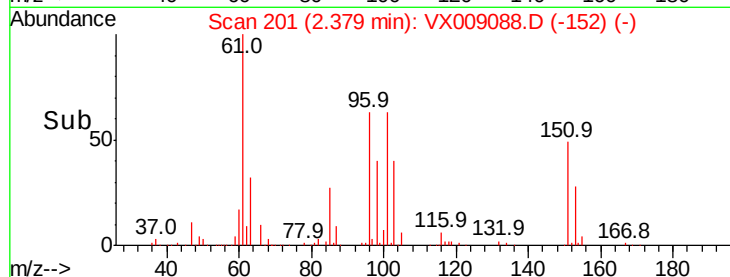
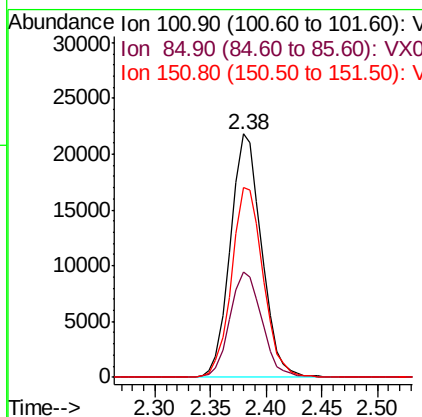
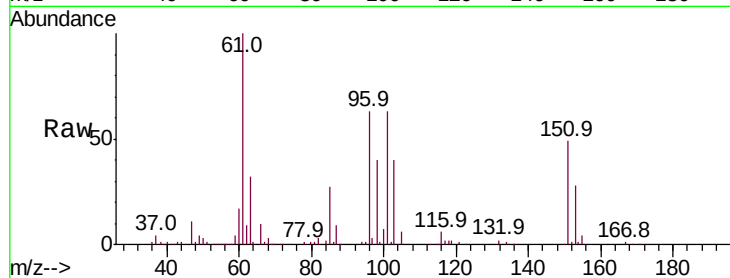
ClientSampleId :

VX0422WBS01

Tot Ion:	101	Resp:	42428
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.7	53.5
151	78.5	62.7	94.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.174 ug/l

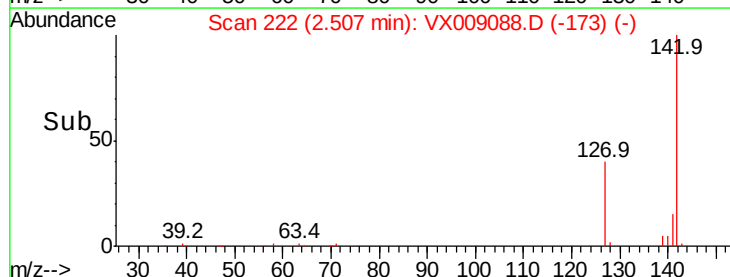
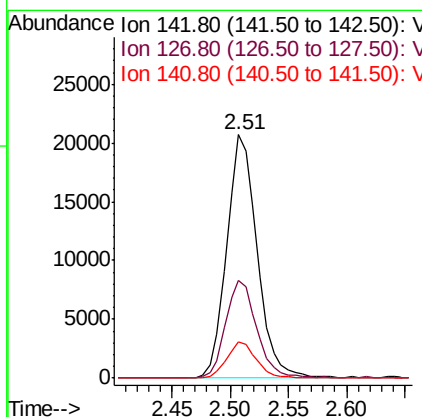
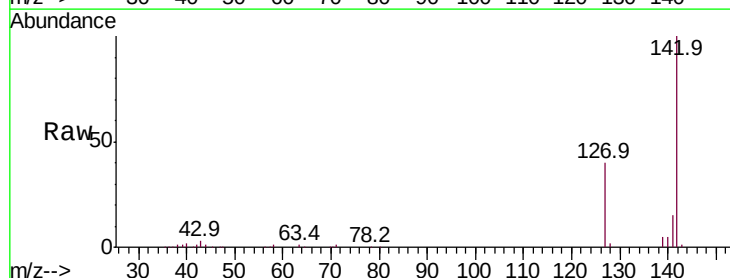
RT: 2.51 min Scan# 222

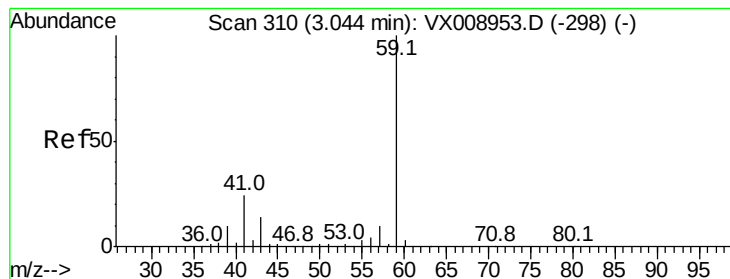
Delta R.T. 0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	142	Resp:	37671
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.8	49.2
141	14.7	11.4	17.2





#11

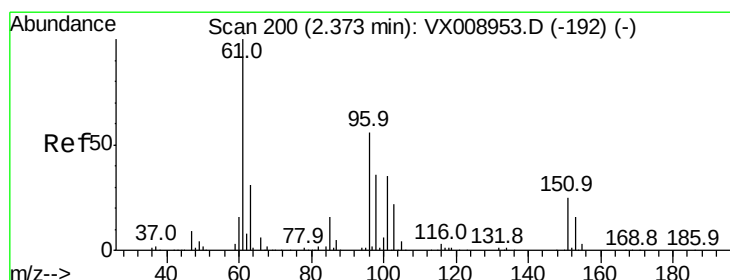
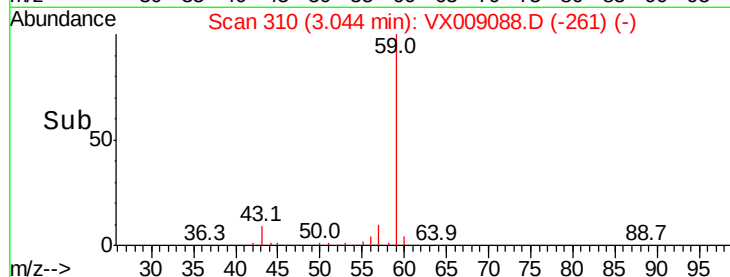
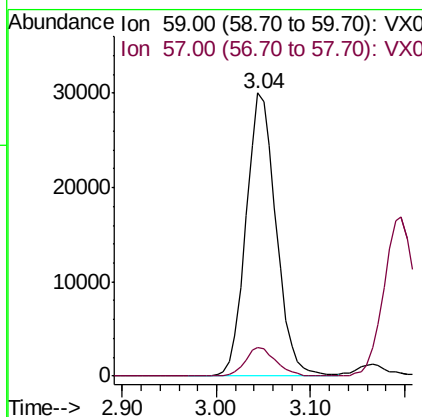
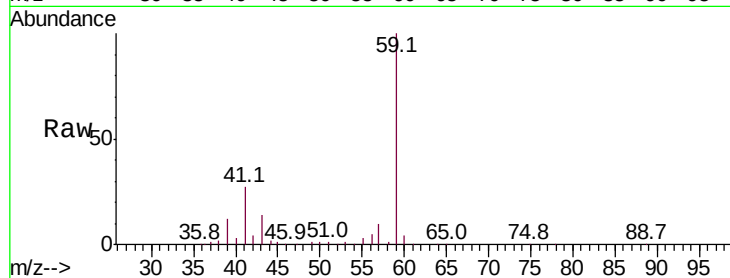
Tert butyl alcohol
 Concen: 103.936 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion: 59 Resp: 67352
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

Manual Integrations
 APPROVED

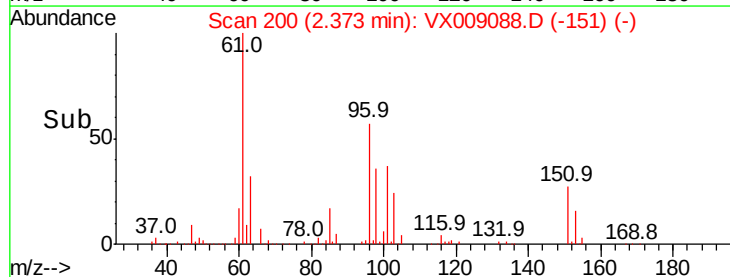
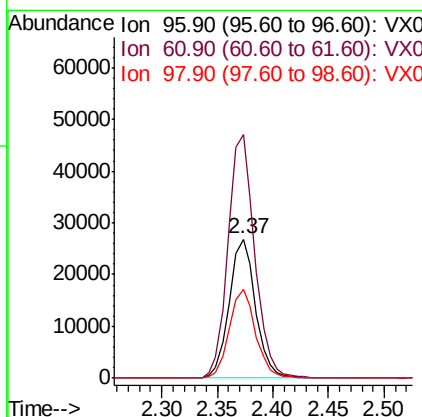
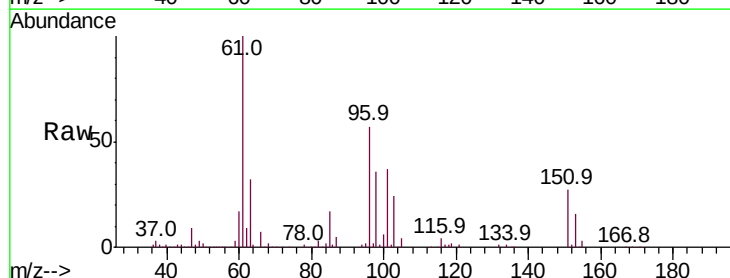
MMDadoda
 4/23/2019 10:30:47 AM

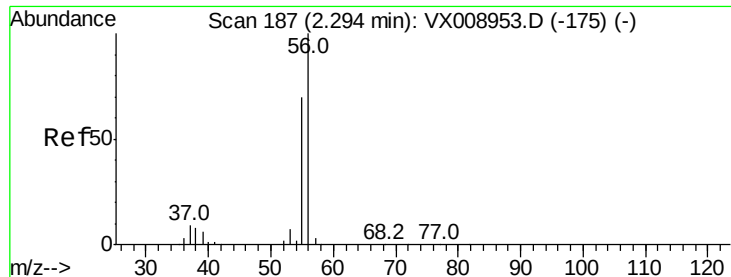


#12

1,1-Dichloroethene
 Concen: 19.917 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 96 Resp: 44245
 Ion Ratio Lower Upper
 96 100
 61 175.2 142.2 213.2
 98 63.8 50.9 76.3





#13

Acrolein

Concen: 79.029 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 56 Resp: 44249

Ion Ratio Lower Upper

56 100

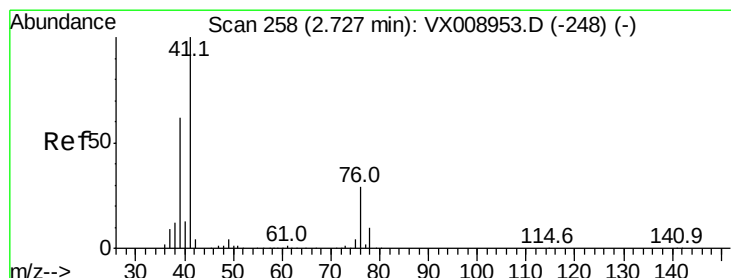
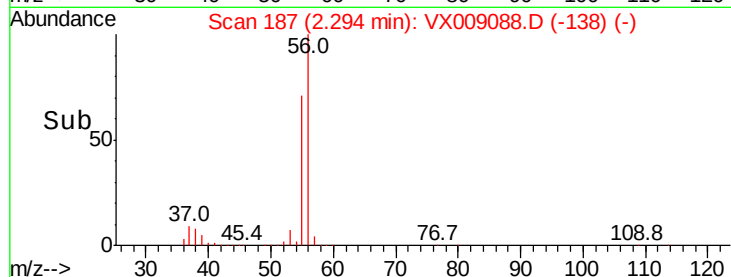
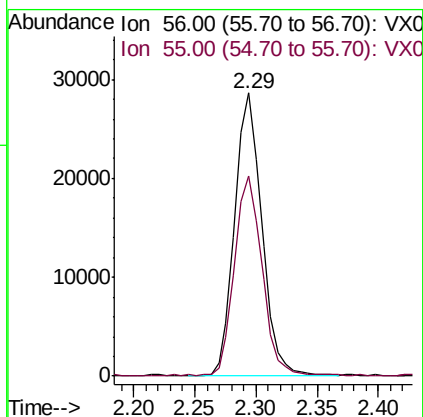
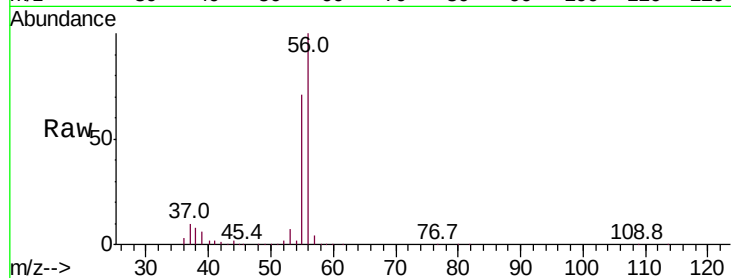
55 72.3 56.6 84.8

Manual Integrations

APPROVED

MMDadoda

4/23/2019 10:30:47 AM



#14

Allyl chloride

Concen: 20.693 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

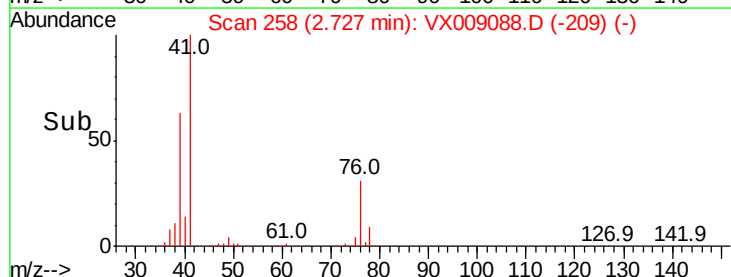
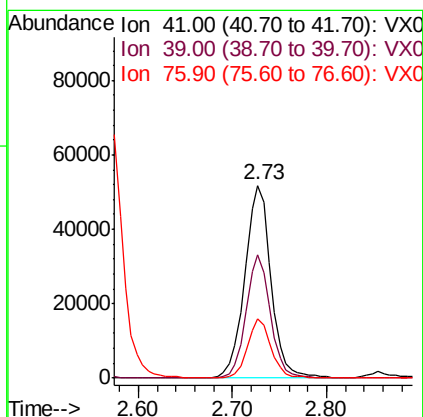
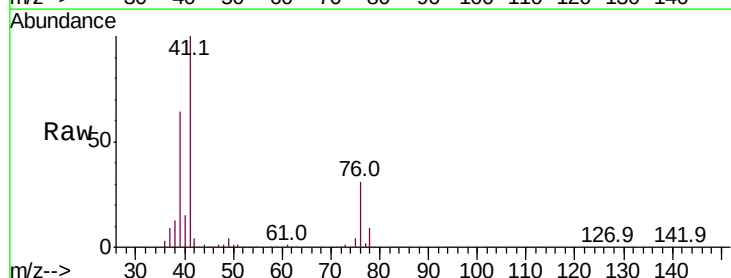
Tgt Ion: 41 Resp: 100289

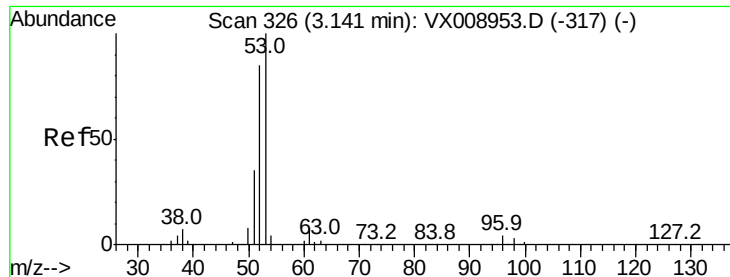
Ion Ratio Lower Upper

41 100

39 60.3 46.7 70.1

76 28.1 22.0 33.0





#15

Acrylonitrile

Concen: 103.843 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

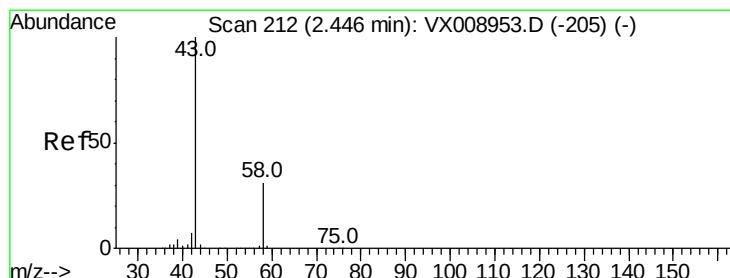
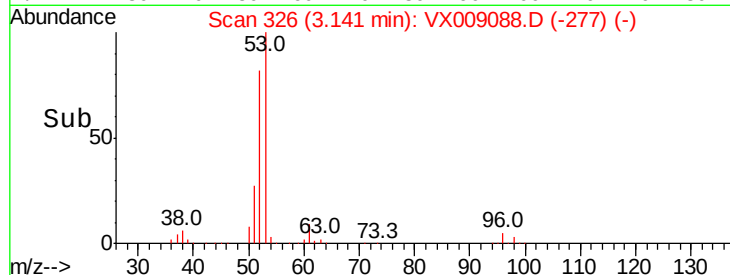
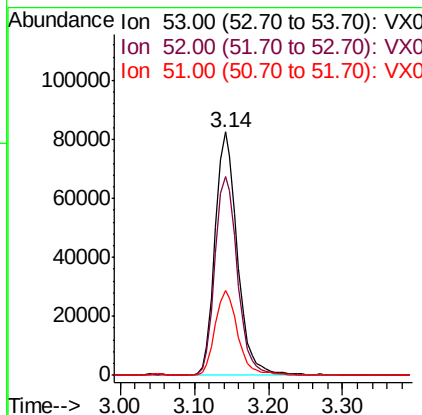
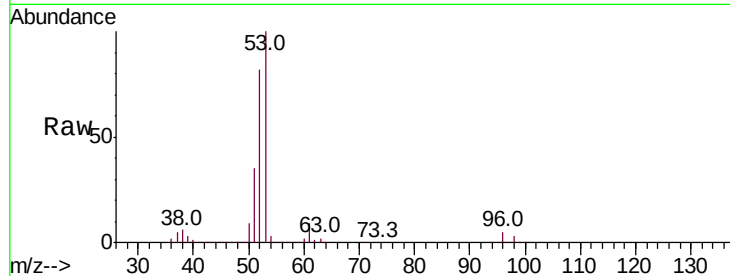
ClientSampleId :

VX0422WBS01

Tot Ion:	53	Resp:	170820
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.6	100.0
51	35.4	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 106.646 ug/l

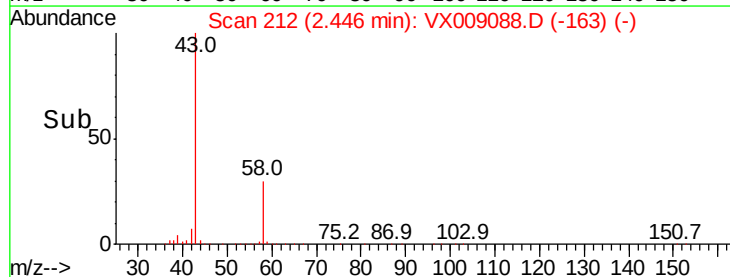
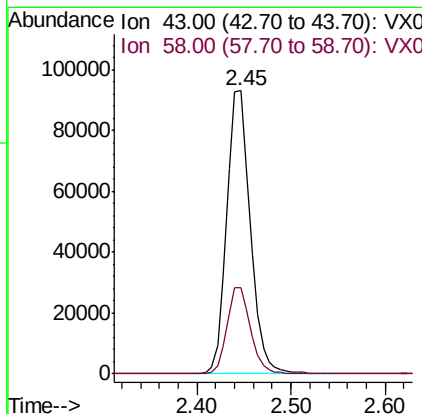
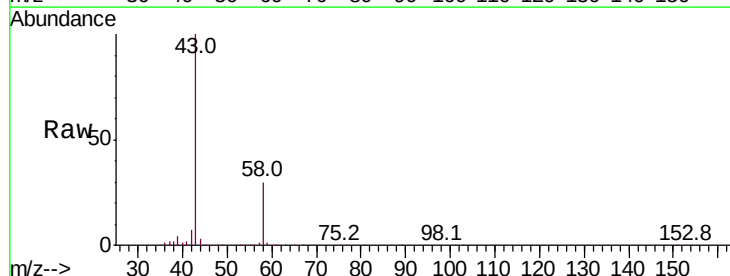
RT: 2.45 min Scan# 212

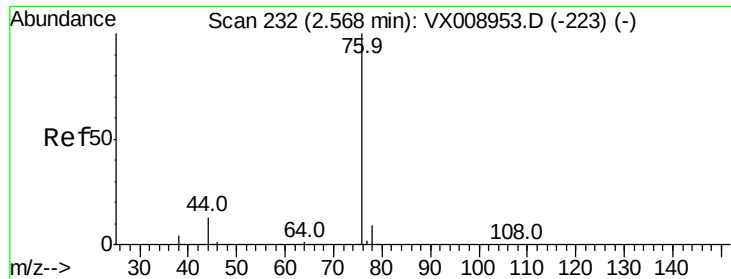
Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	43	Resp:	161452
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.8	37.2





#17

Carbon Disulfide

Concen: 20.882 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 76 Resp: 131428

Ion Ratio Lower Upper

76 100

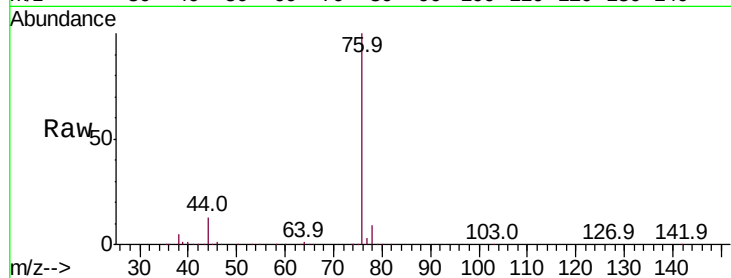
78 9.0 7.2 10.8

Manual Integrations

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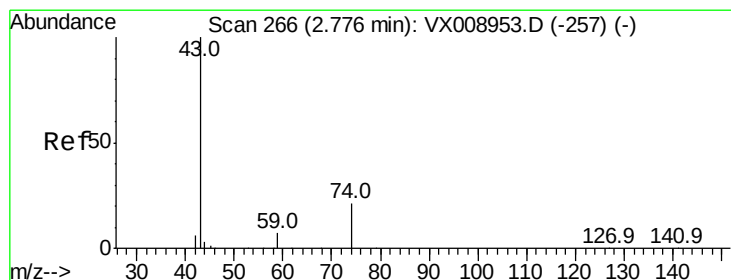
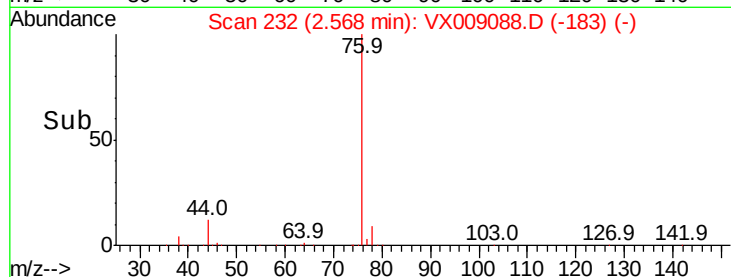
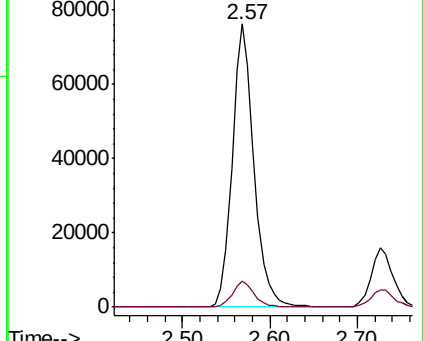
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.923 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009088.D

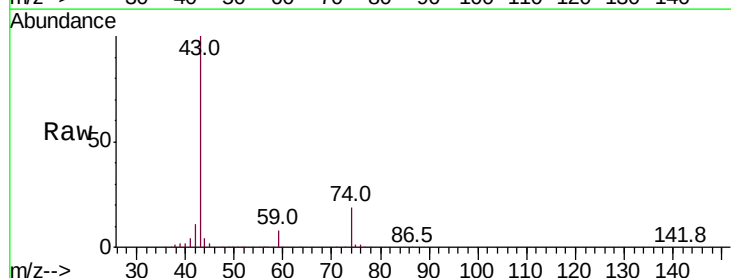
Acq: 22 Apr 2019 11:42

Tgt Ion: 43 Resp: 75276

Ion Ratio Lower Upper

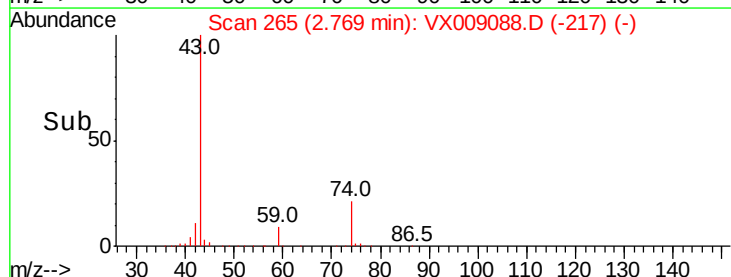
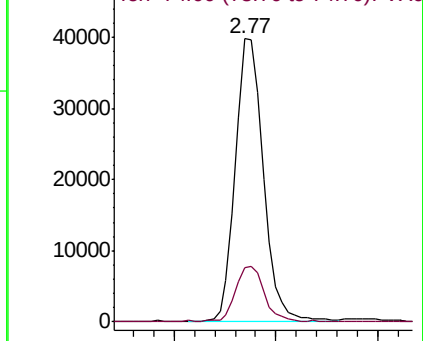
43 100

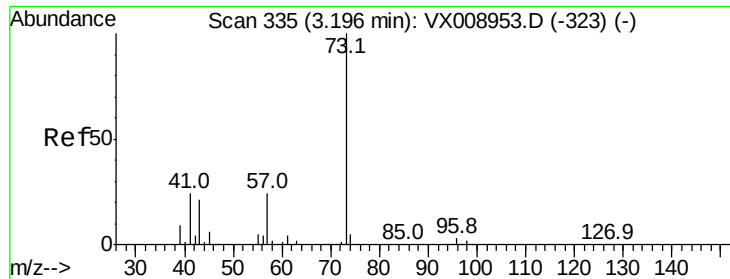
74 20.8 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

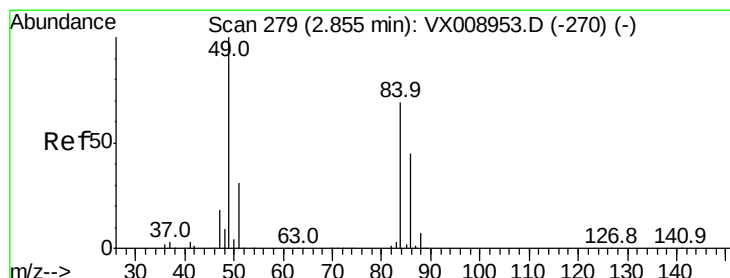
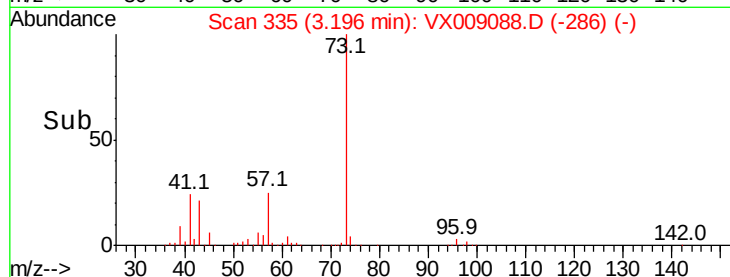
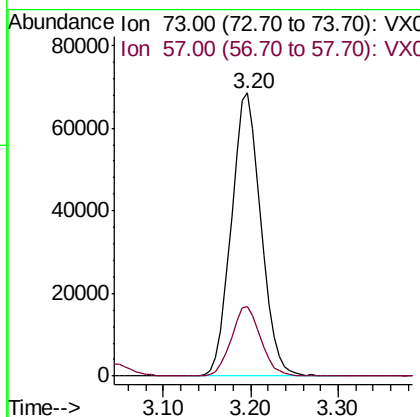
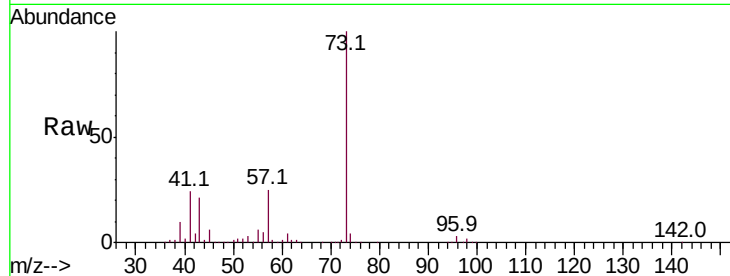
Methyl tert-butyl Ether
 Concen: 20.380 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.2	28.8

Manual Integrations
 APPROVED

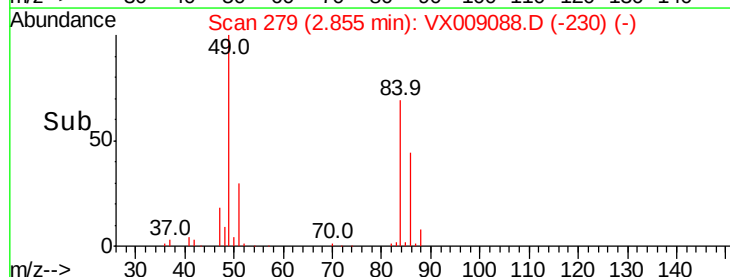
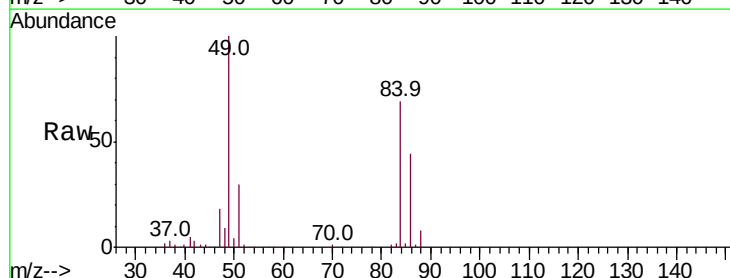
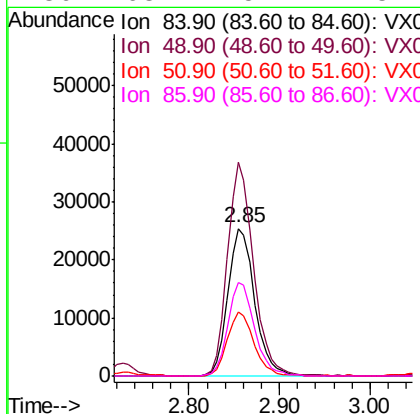
MMDadoda
 4/23/2019 10:30:47 AM

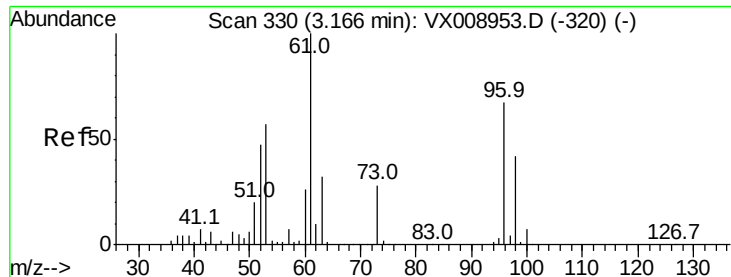


#20

Methylene Chloride
 Concen: 20.100 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.9	115.4	173.0
51	43.2	35.8	53.6
86	63.4	52.1	78.1





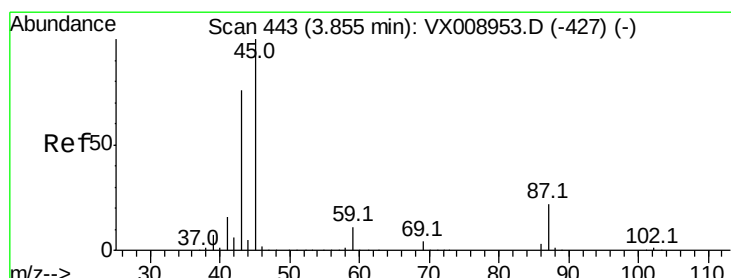
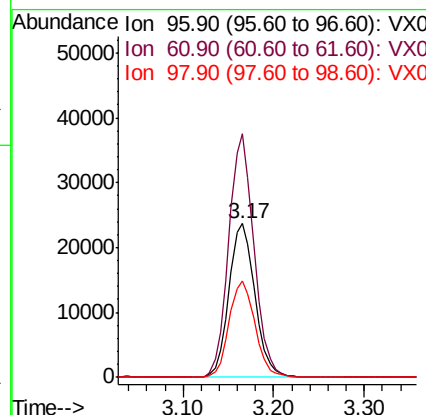
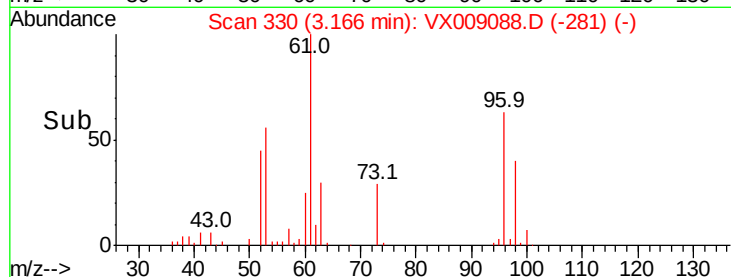
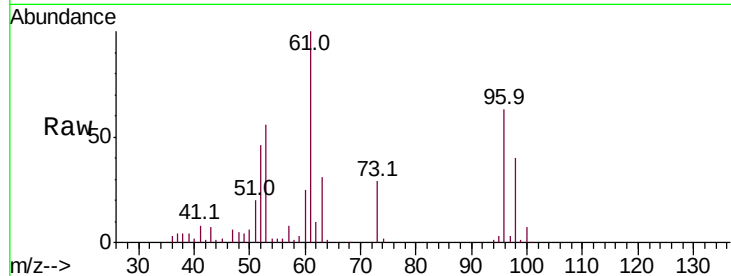
#21
trans-1,2-Dichloroethene
Concen: 19.904 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampled :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.4	120.3	180.5
98	62.9	50.2	75.2

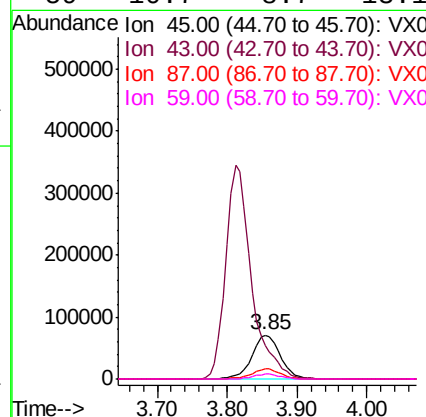
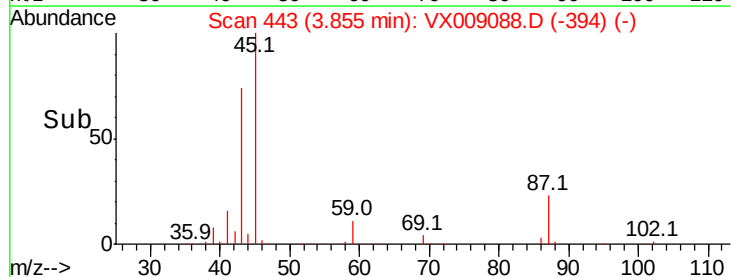
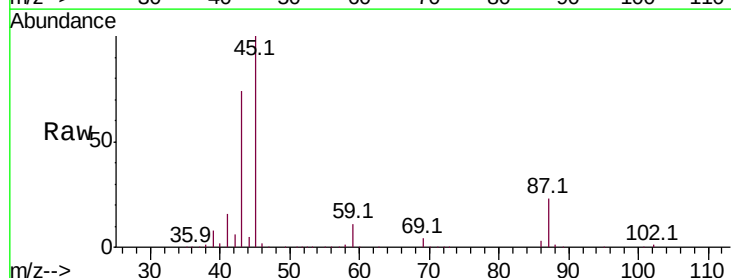
Manual Integrations
APPROVED

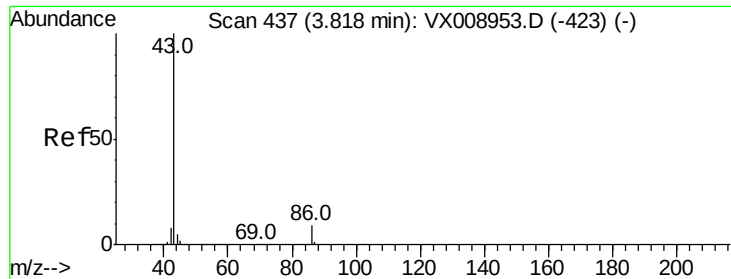
MMDadoda
4/23/2019 10:30:47 AM



#22
Diisopropyl ether
Concen: 21.056 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.0	60.6	91.0
87	22.9	17.8	26.8
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 106.783 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 43 Resp: 883999

Ion Ratio Lower Upper

43 100

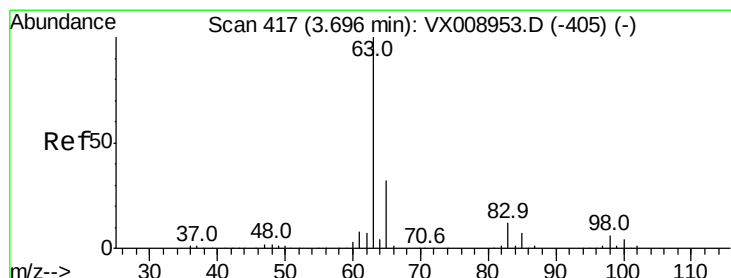
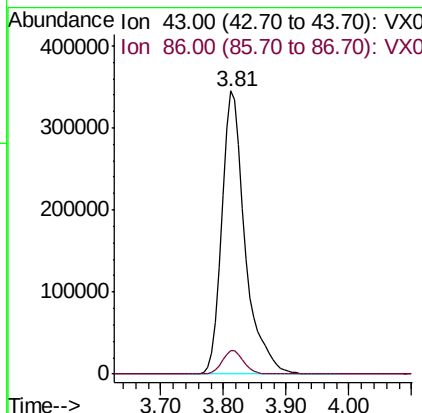
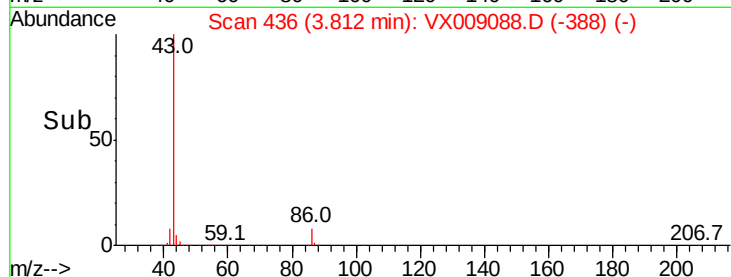
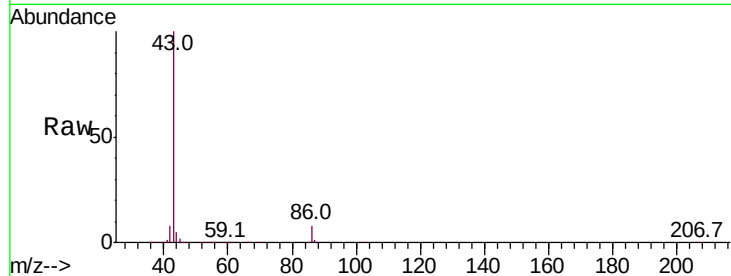
86 8.3 7.1 10.7

Manual Integrations

APPROVED

MMDadoda

4/23/2019 10:30:47 AM



#24

1,1-Dichloroethane

Concen: 20.460 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

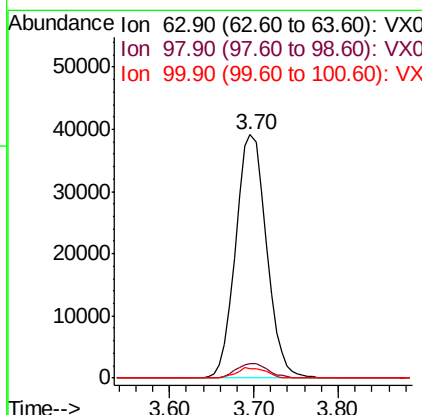
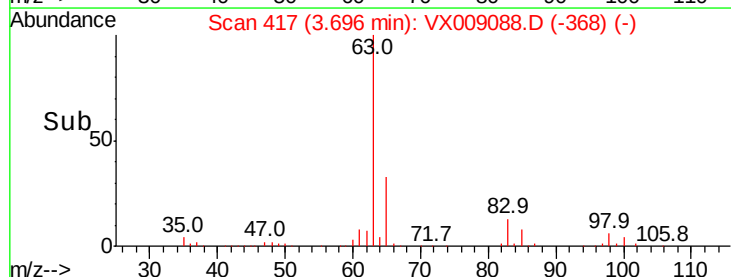
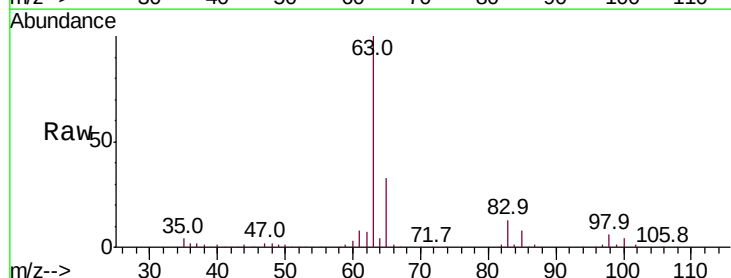
Tgt Ion: 63 Resp: 96727

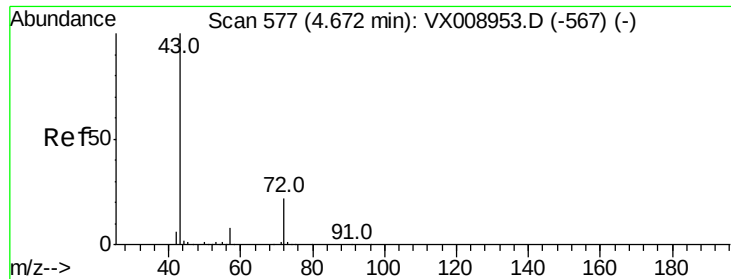
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 106.033 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 43 Resp: 256588

Ion Ratio Lower Upper

43 100

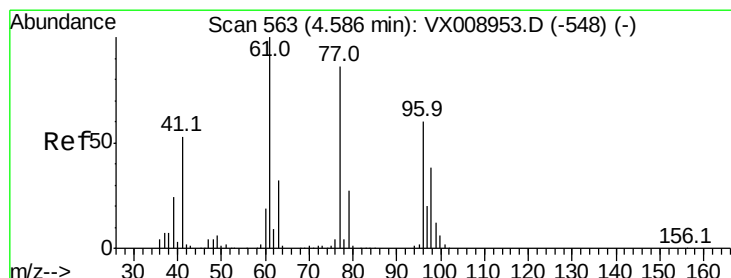
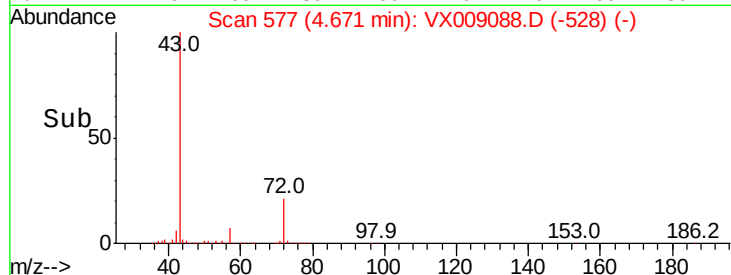
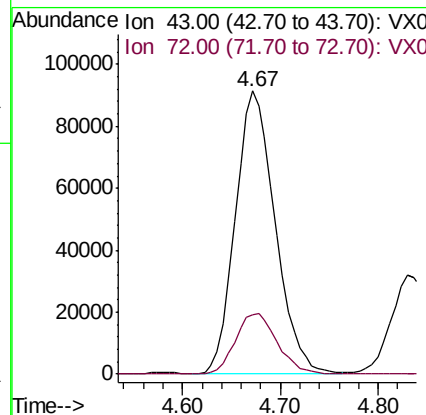
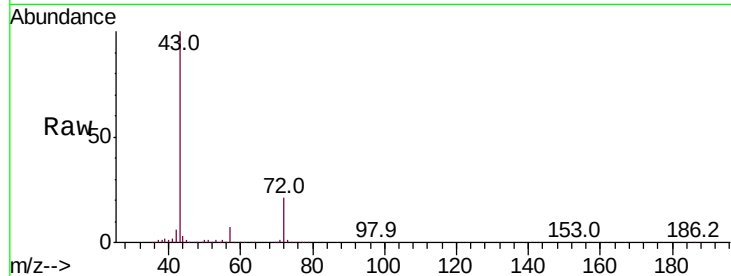
72 20.9 17.5 26.3

Manual Integrations

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4/23/2019 10:30:47 AM



#26

2,2-Dichloropropane

Concen: 19.599 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009088.D

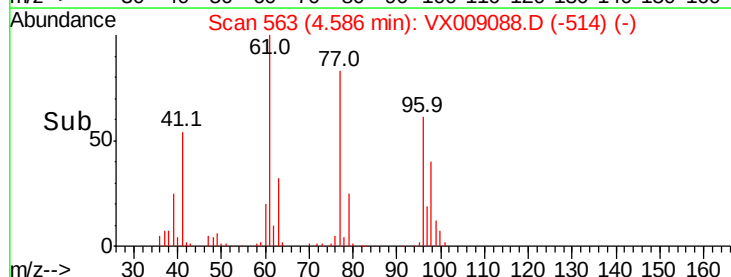
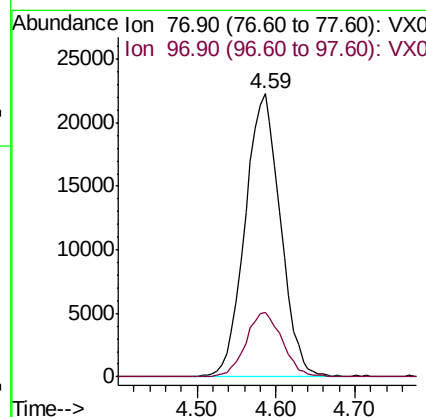
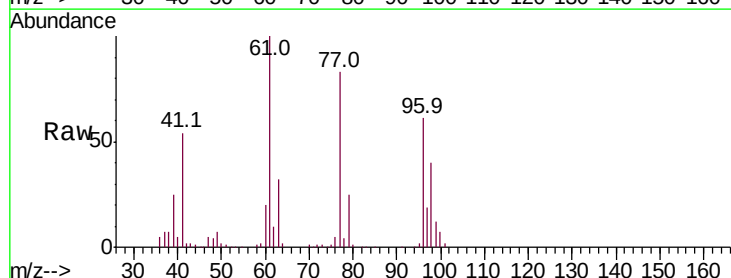
Acq: 22 Apr 2019 11:42

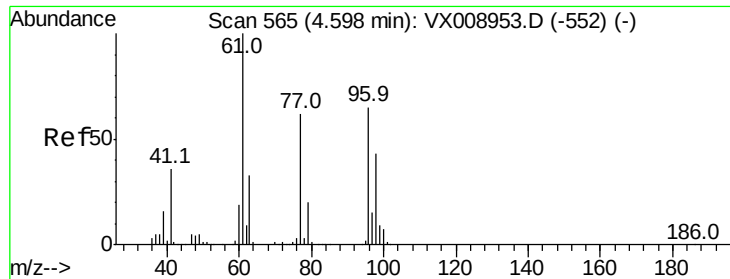
Tgt Ion: 77 Resp: 69452

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

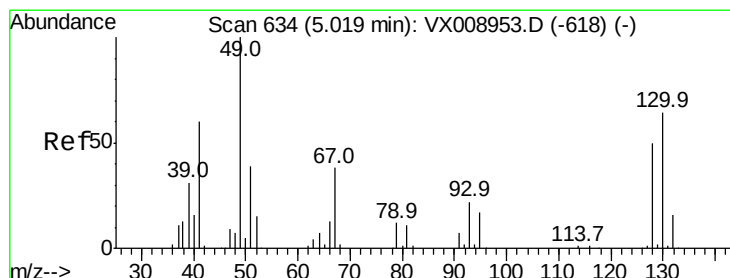
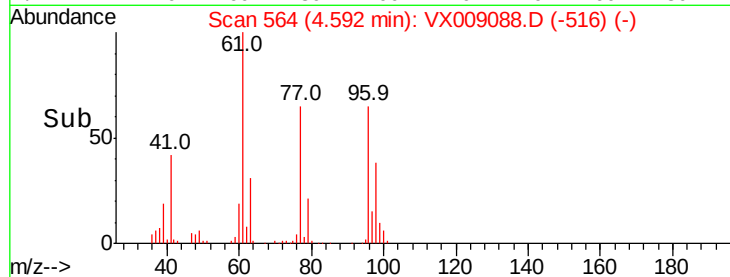
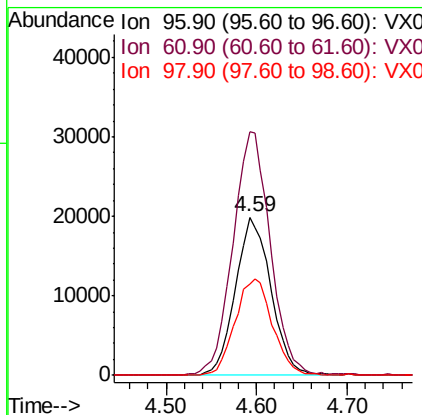
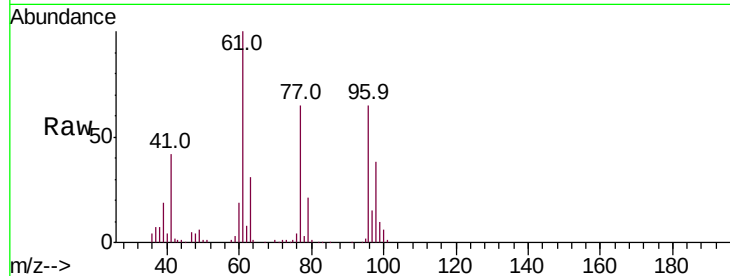
cis-1,2-Dichloroethene
 Concen: 20.099 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	162.0	0.0	322.0	
98	64.2	0.0	128.4	

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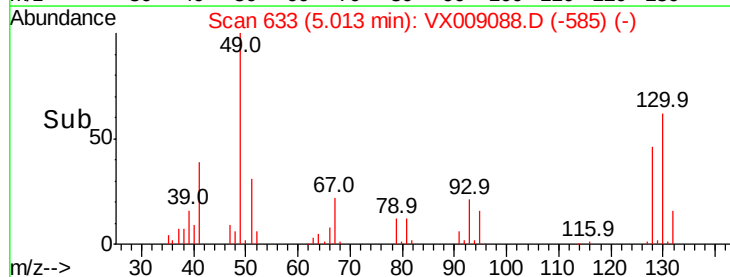
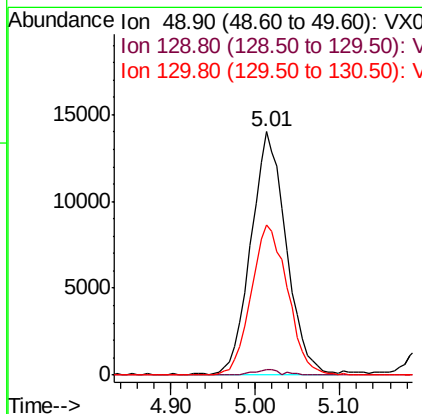
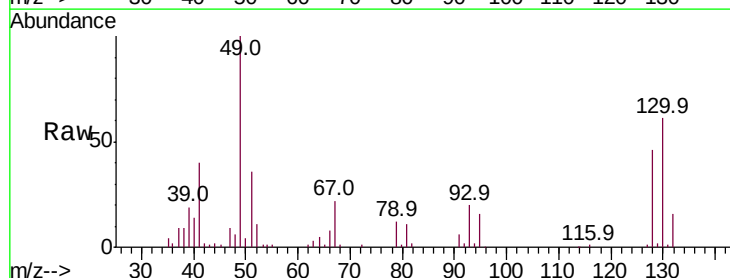
MMDadoda
 4/23/2019 10:30:47 AM

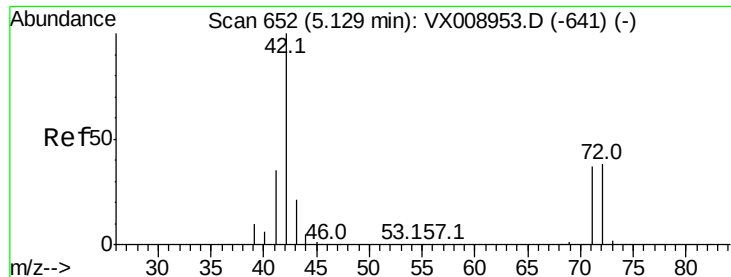


#28

Bromochloromethane
 Concen: 19.313 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	3.6	
130	63.4	50.4	75.6	





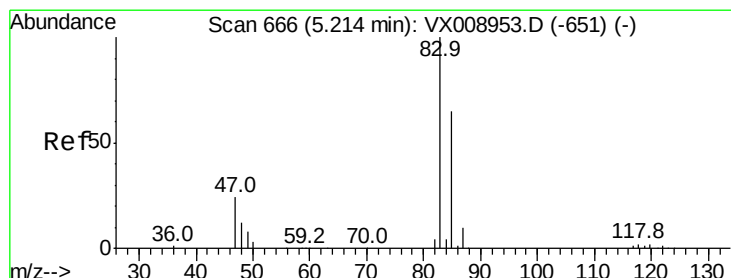
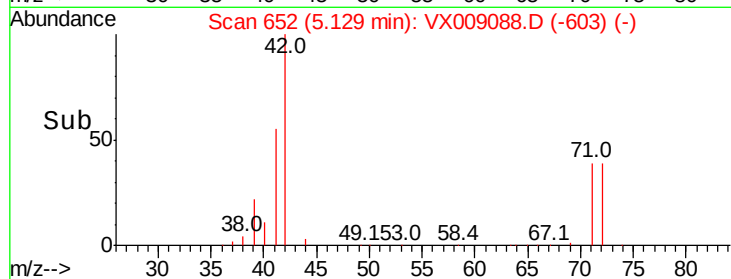
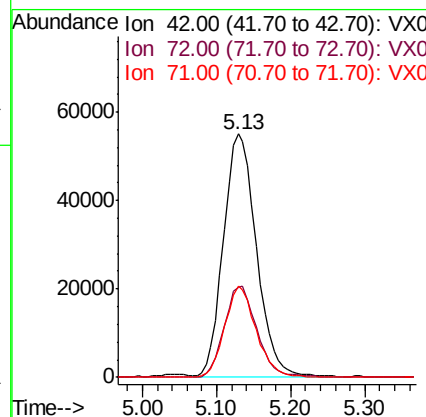
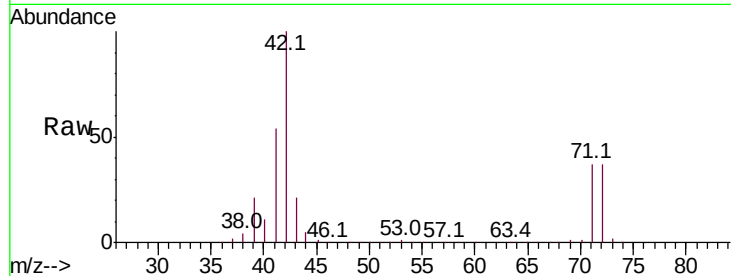
#29
Tetrahydrofuran
Concen: 104.199 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.6	45.8
71	36.0	28.8	43.2

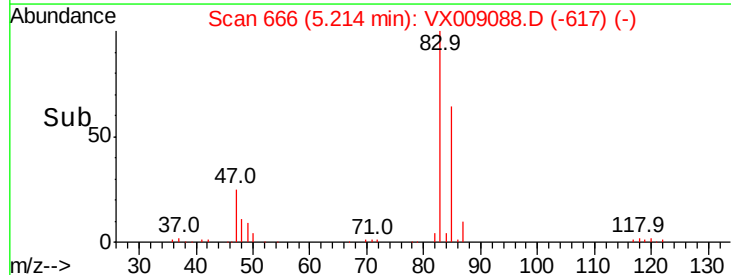
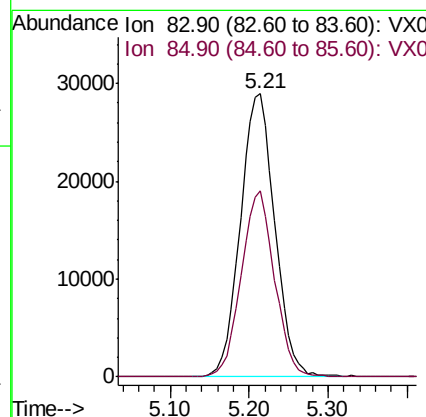
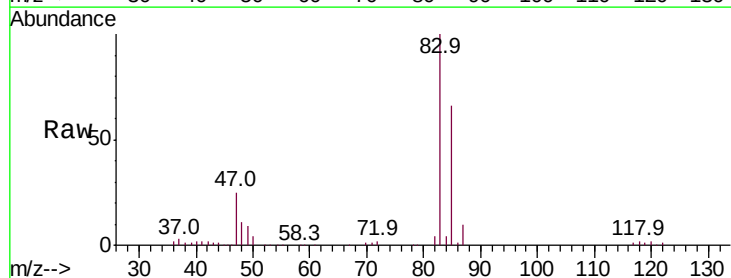
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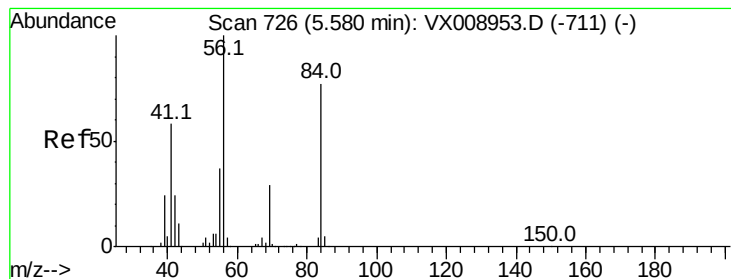
MMDadoda
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#30
Chloroform
Concen: 20.731 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9





#31

Cyclohexane

Concen: 20.454 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

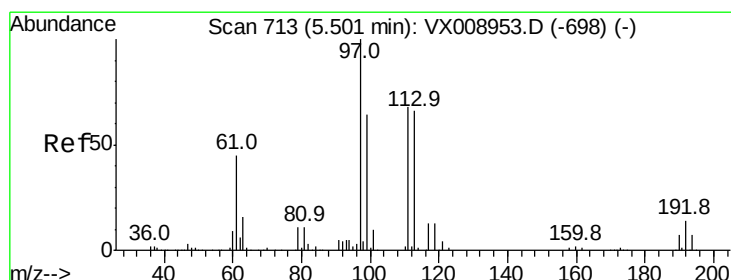
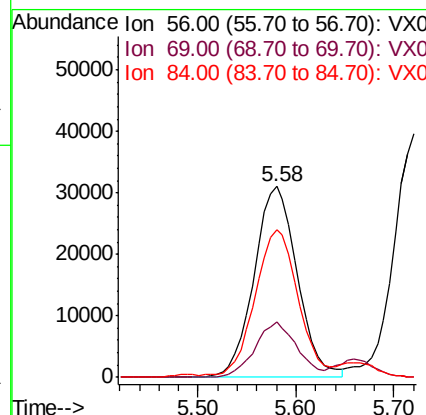
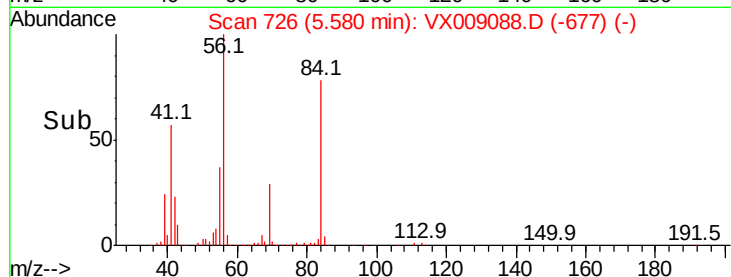
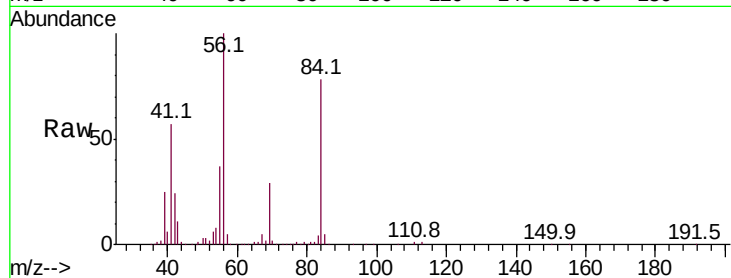
ClientSampleId :

VX0422WBS01

Tot Ion:	56	Resp:	95106
Ion Ratio	Lower	Upper	
56	100		
69	28.7	23.3	34.9
84	76.2	61.7	92.5

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4/23/2019 10:30:47 AM



#32

1,1,1-Trichloroethane

Concen: 20.251 ug/l

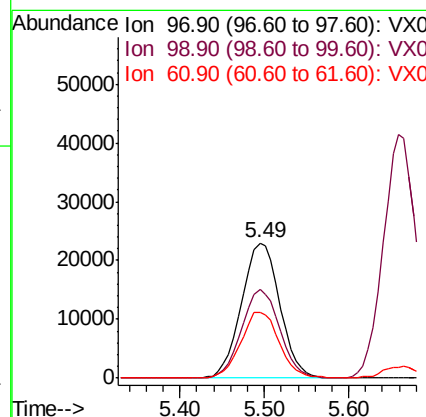
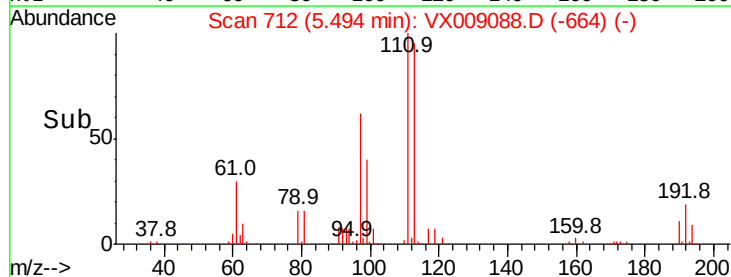
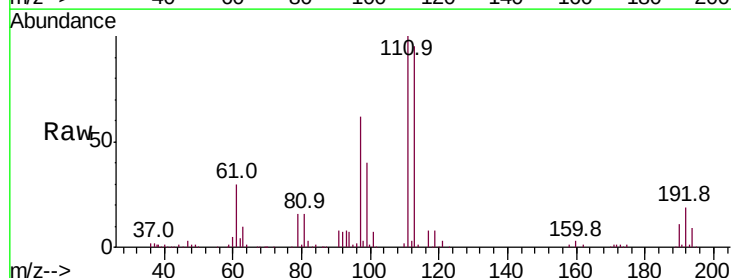
RT: 5.49 min Scan# 712

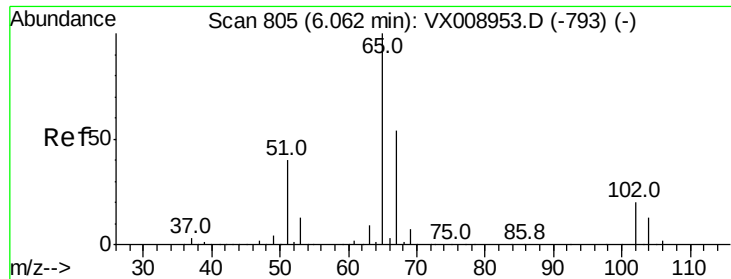
Delta R.T. -0.01 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	97	Resp:	71006
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.6	77.4
61	49.1	37.9	56.9





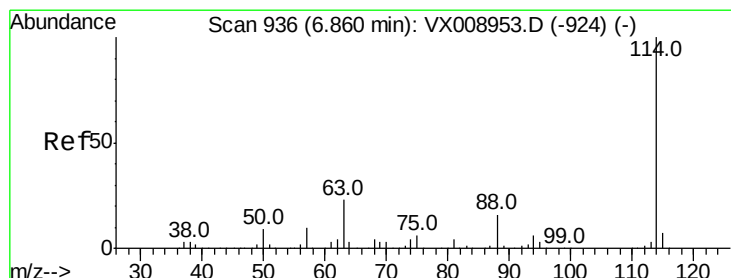
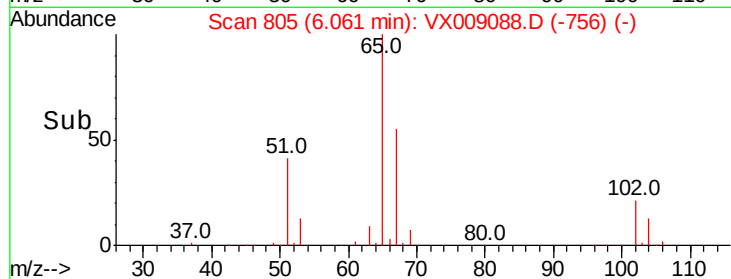
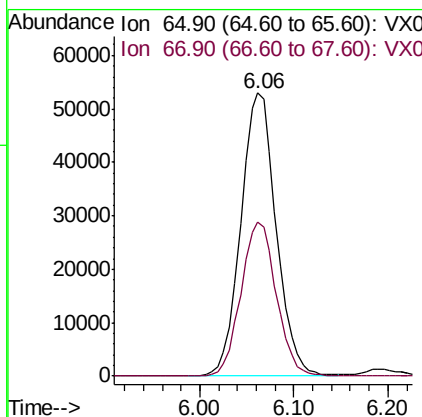
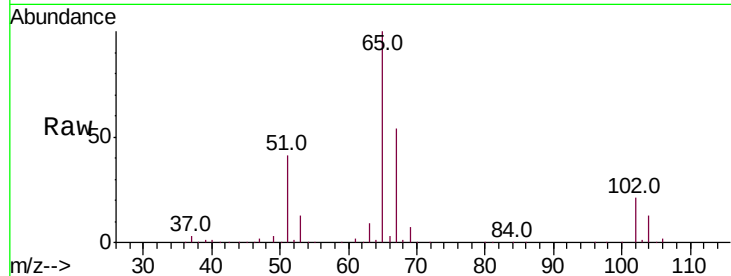
#33
 1,2-Dichloroethane-d4
 Concen: 47.671 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6

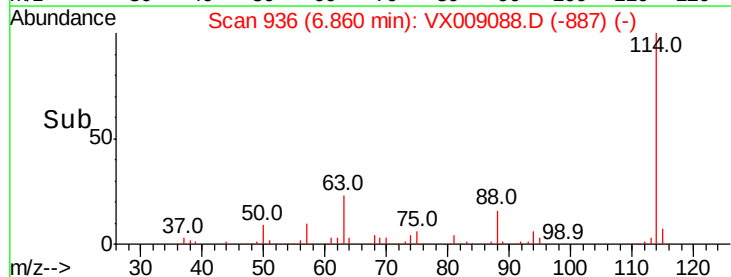
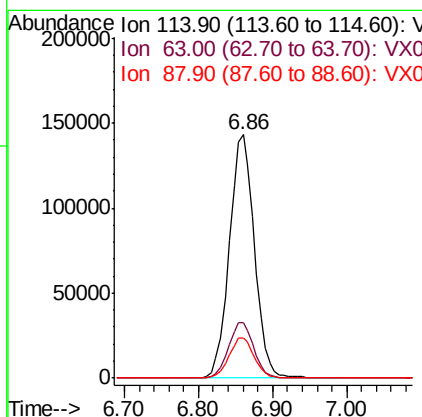
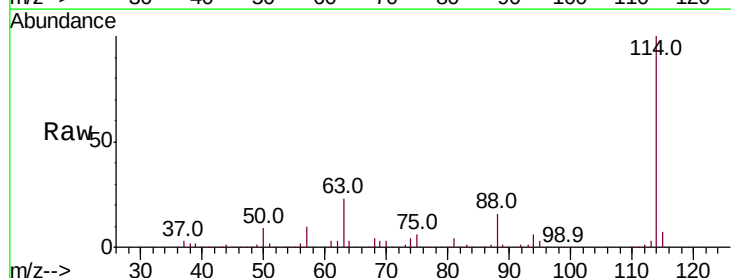
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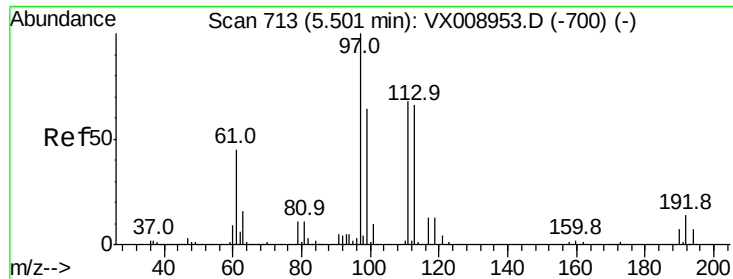
MMDadoda
 4/23/2019 10:30:47 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.0
88	16.4	0.0	32.6





#35

Dibromofluoromethane

Concen: 48.187 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

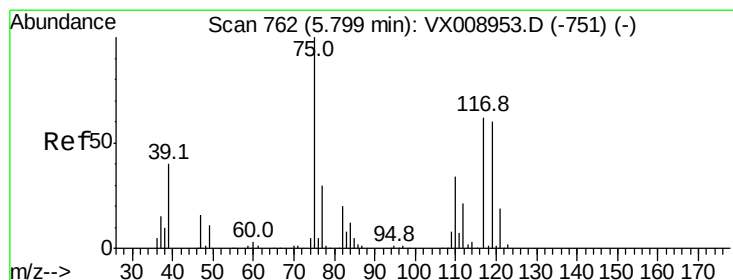
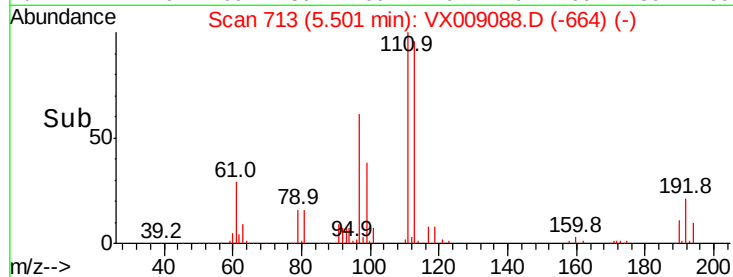
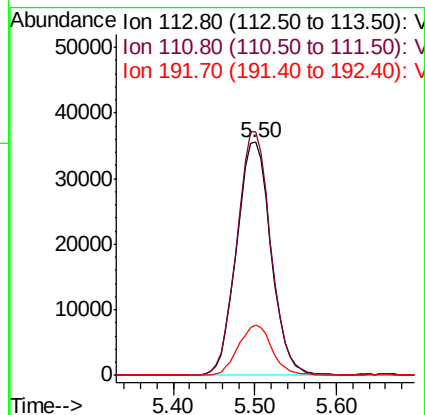
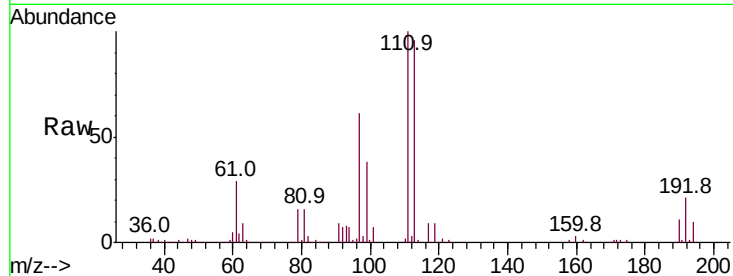
ClientSampled :

VX0422WBS01

Tot Ion:	113	Resp:	104179
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.9	124.3
192	21.2	17.4	26.0

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#36

1,1-Dichloropropene

Concen: 19.427 ug/l

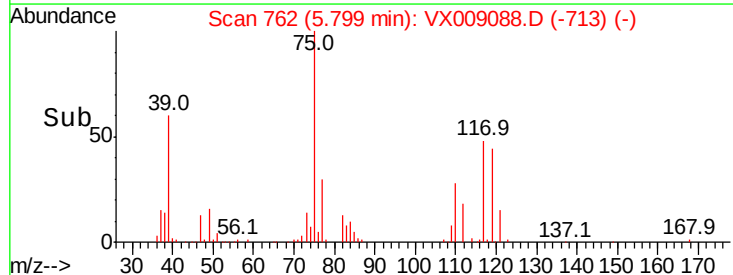
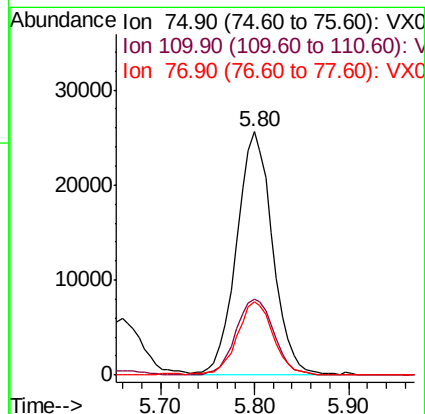
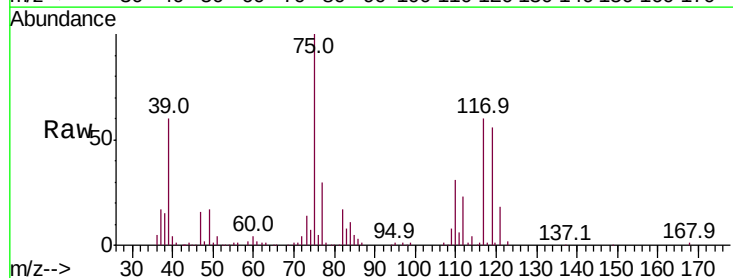
RT: 5.80 min Scan# 762

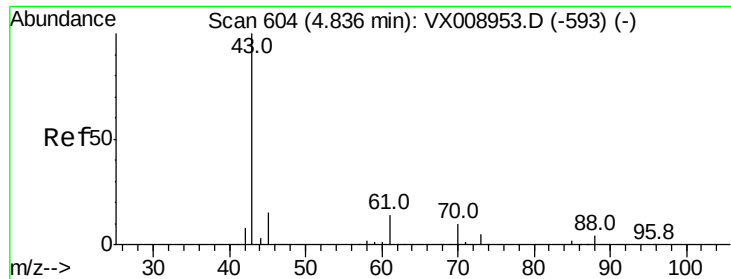
Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	75	Resp:	67684
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.9	50.7
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 21.187 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

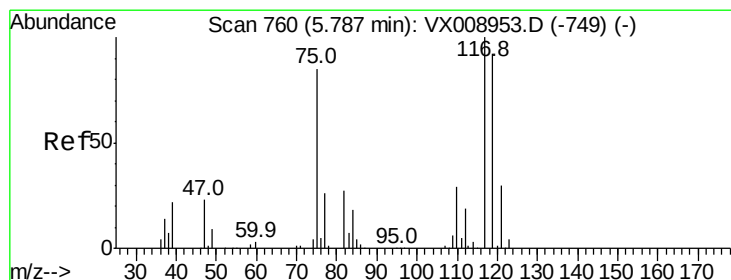
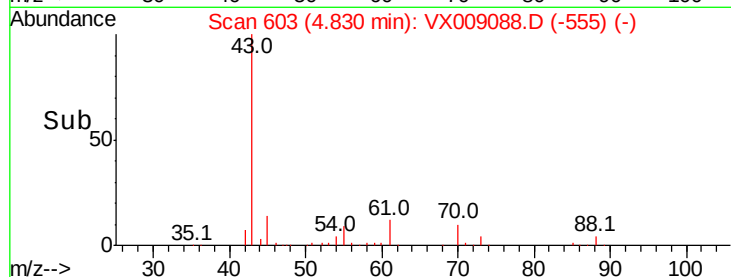
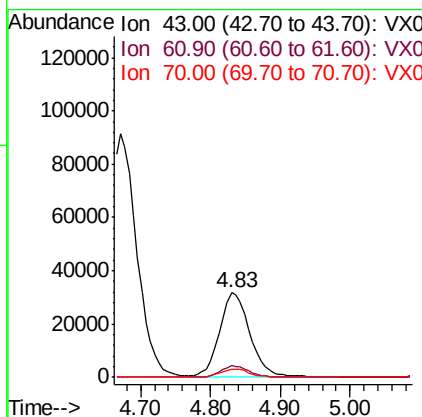
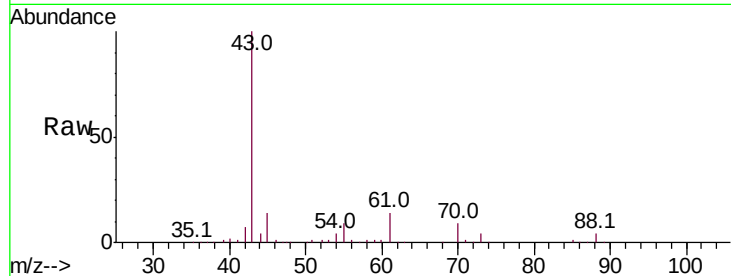
ClientSampleId :

VX0422WBS01

Tot Ion:	43	Resp:	94983
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.6	15.8
70	9.8	7.7	11.5

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#38

Carbon Tetrachloride

Concen: 20.110 ug/l

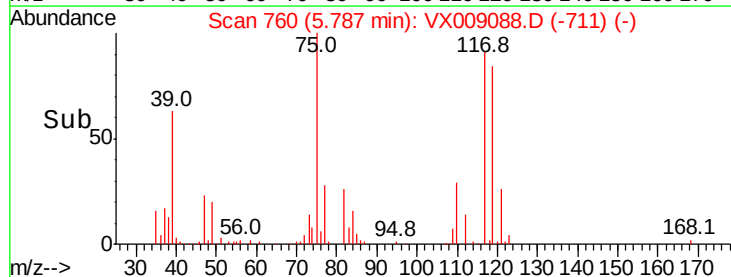
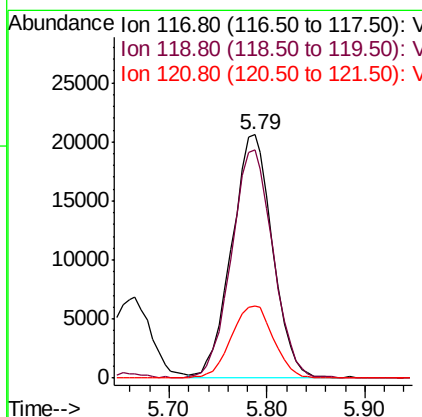
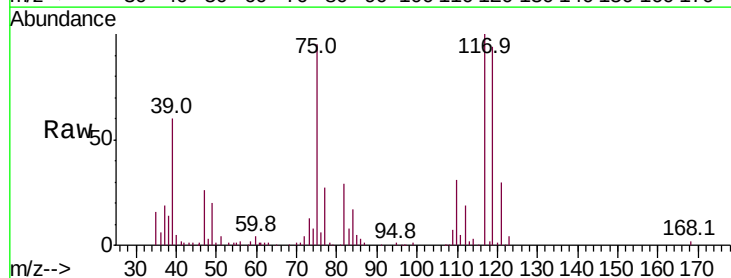
RT: 5.79 min Scan# 760

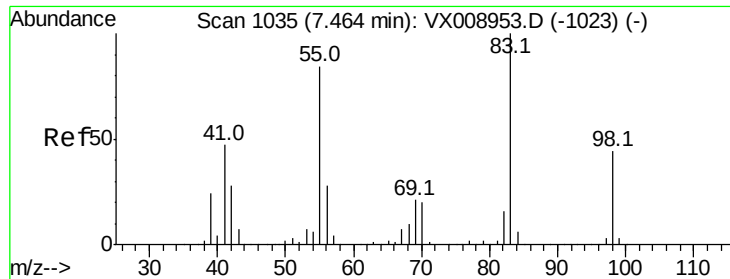
Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	117	Resp:	59398
Ion Ratio	Lower	Upper	
117	100		
119	93.8	73.8	110.8
121	29.7	23.6	35.4





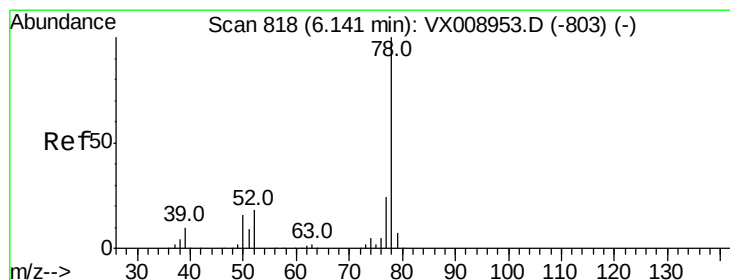
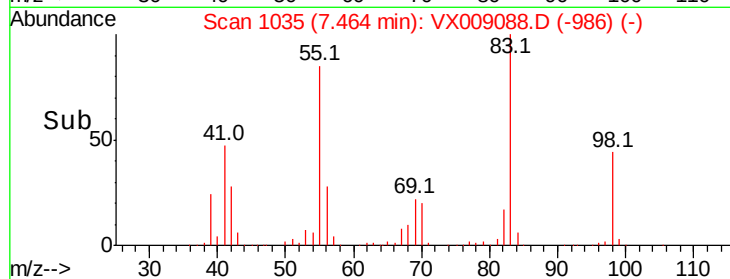
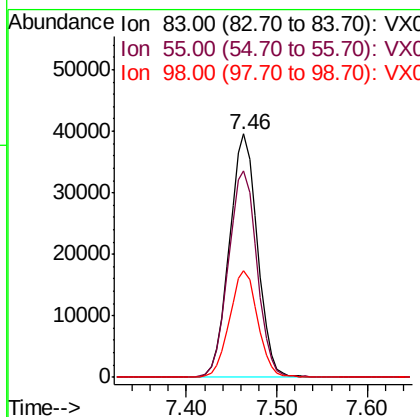
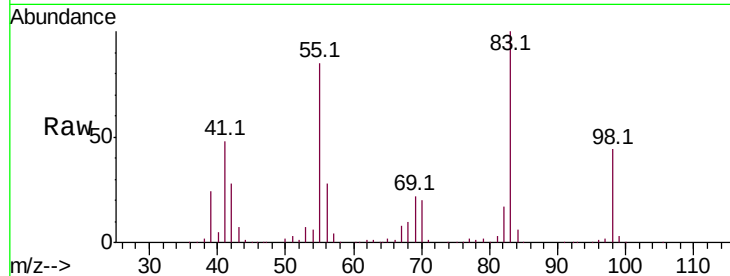
#39
Methylvlcyclohexane
Concen: 19.984 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	83	Resp	84768
Ion Ratio	100	Lower	Upper
83	100		
55	84.9	67.1	100.7
98	43.7	35.1	52.7

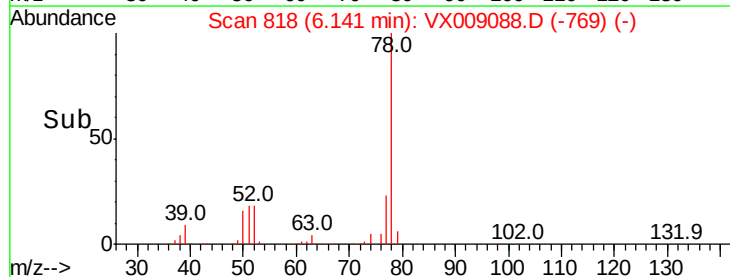
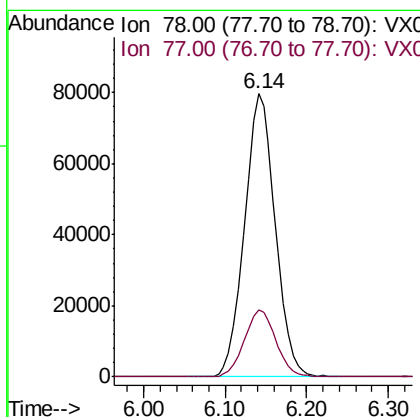
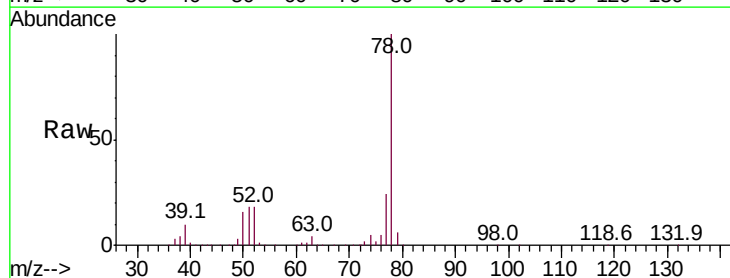
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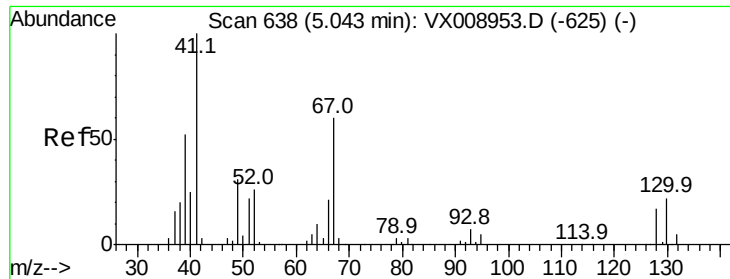
MMDadoda
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#40
Benzene
Concen: 20.295 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	78	Resp	208596
Ion Ratio	100	Lower	Upper
78	100		
77	23.9	19.0	28.6





#41

Methacrylonitrile

Concen: 20.258 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 41 Resp: 52122

Ion Ratio Lower Upper

41 100

39 54.0 41.8 62.6

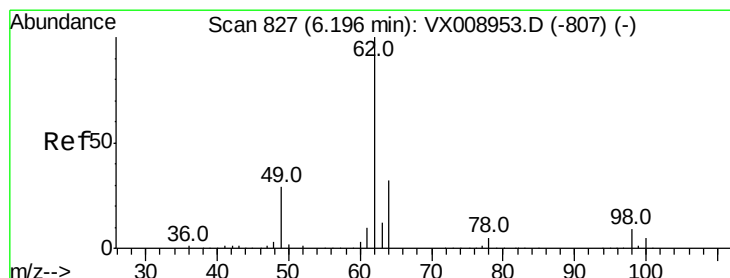
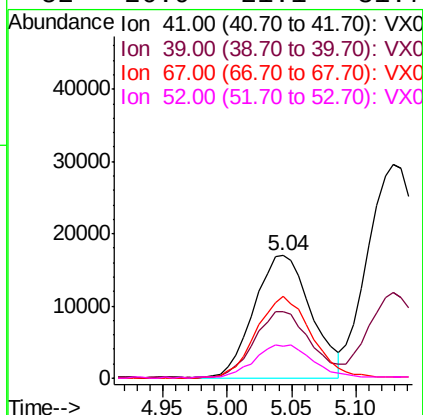
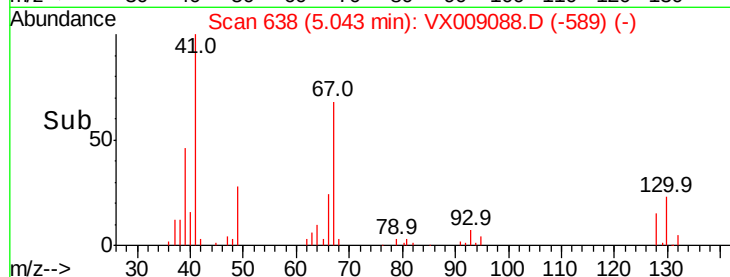
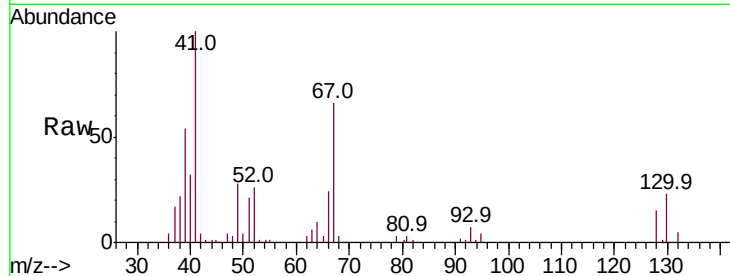
67 65.9 50.2 75.4

52 26.9 21.1 31.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.239 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009088.D

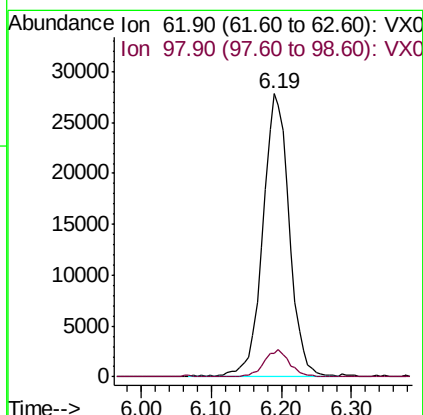
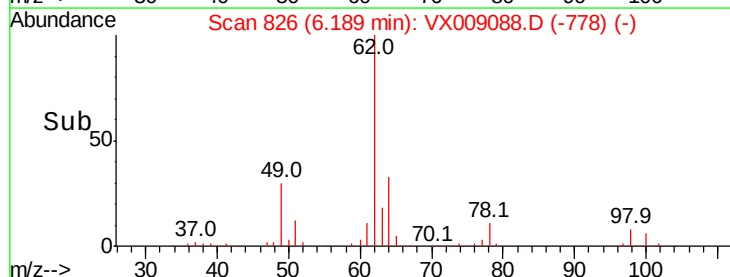
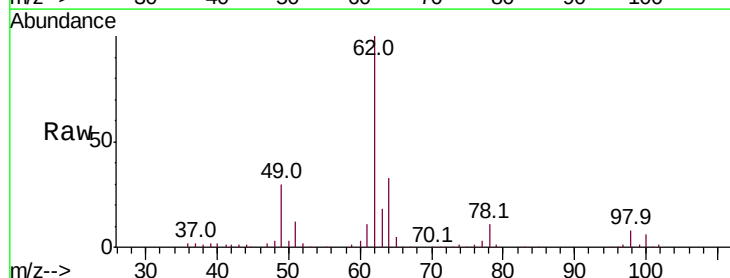
Acq: 22 Apr 2019 11:42

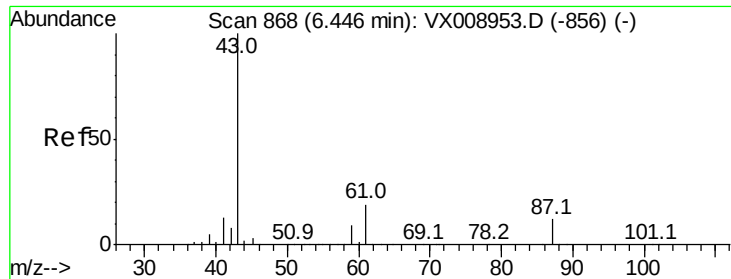
Tgt Ion: 62 Resp: 73686

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.4





#43

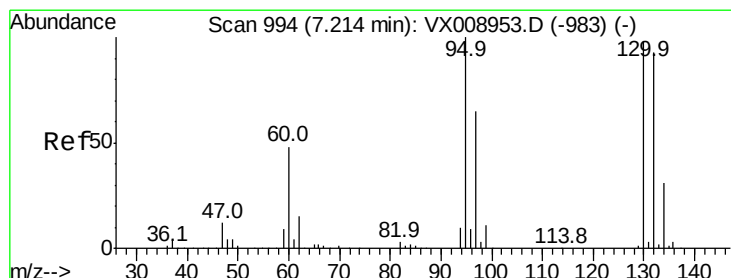
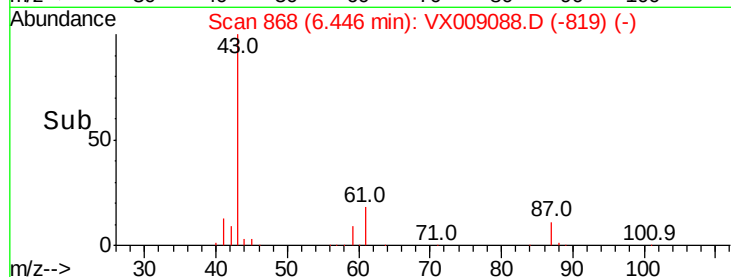
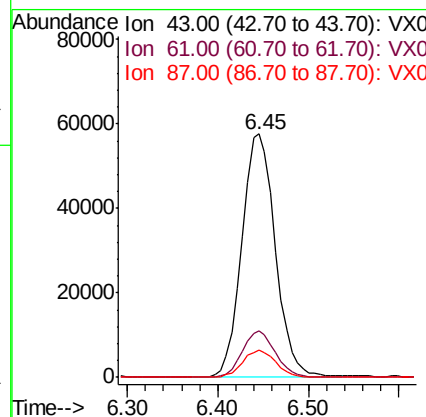
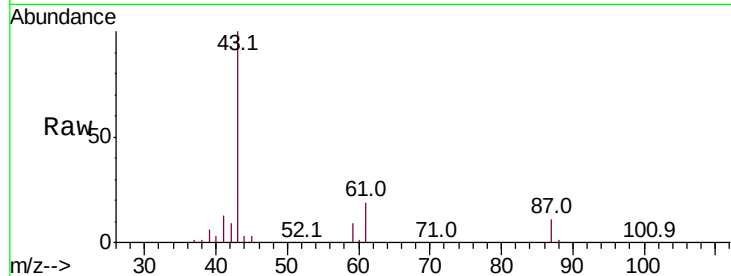
Isopropyl Acetate
 Concen: 20.403 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.0
87	11.2	9.0	13.4

Manual Integrations
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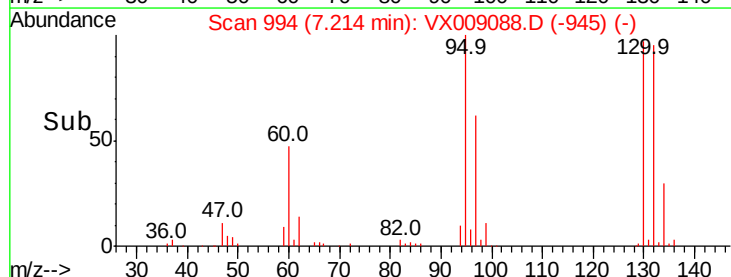
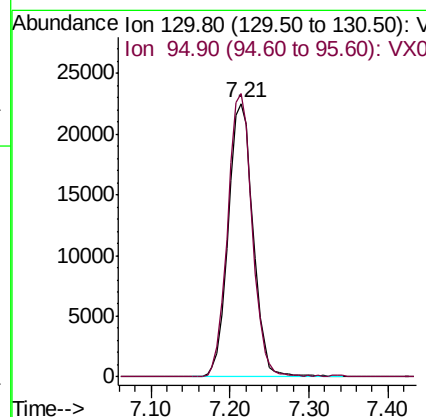
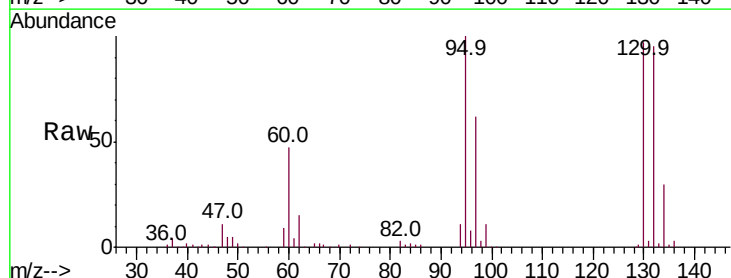
MMDadoda
 4/23/2019 10:30:47 AM

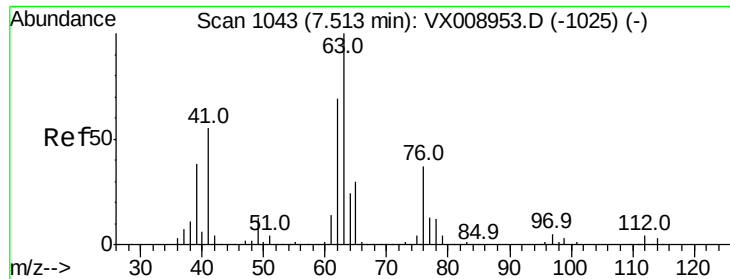


#44

Trichloroethene
 Concen: 19.612 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	203.2





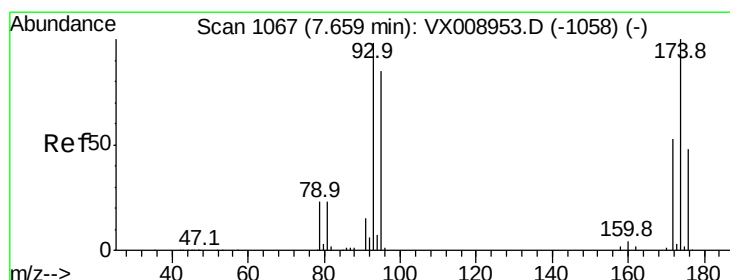
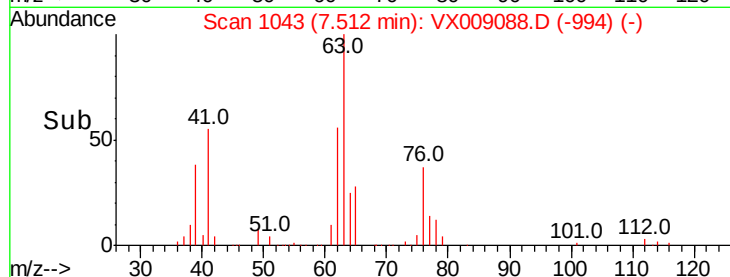
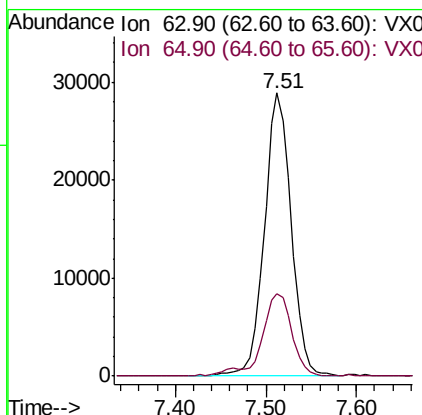
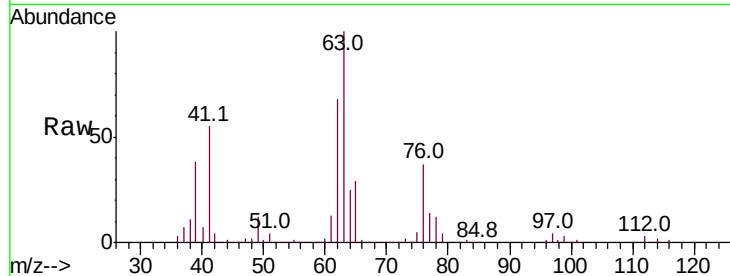
#45
 1,2-Dichloropropane
 Concen: 20.690 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion: 63 Resp: 58996
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.1 36.1

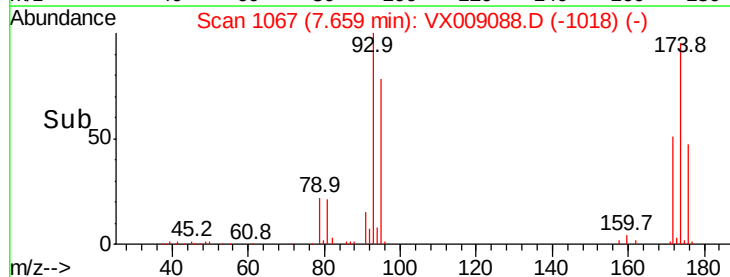
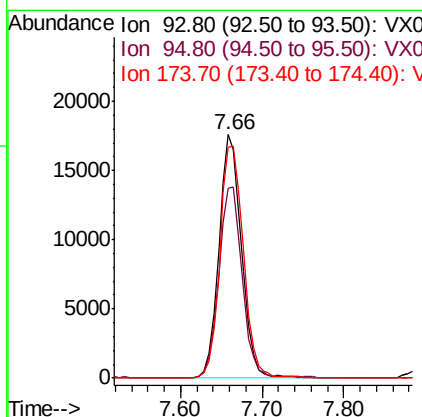
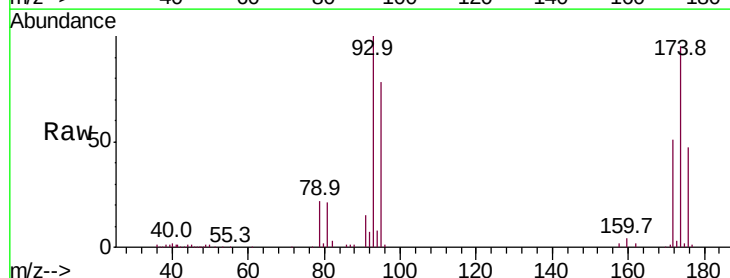
Manual Integrations
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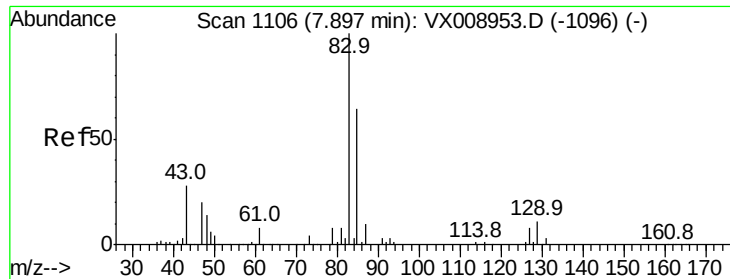
MMDadoda
 4/23/2019 10:30:47 AM



#46
 Dibromomethane
 Concen: 20.356 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 93 Resp: 33779
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.0 100.4
 174 99.3 81.6 122.4





#47

Bromodichloromethane

Concen: 20.305 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

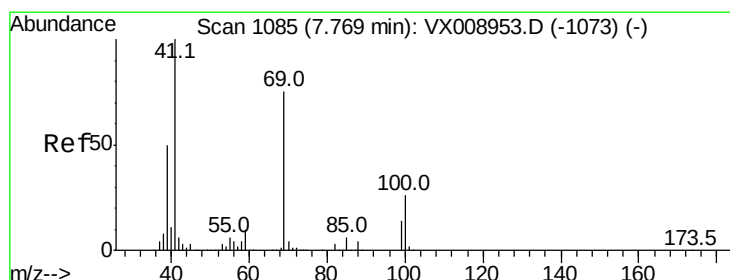
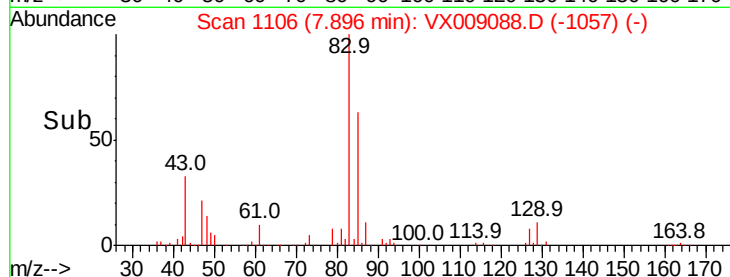
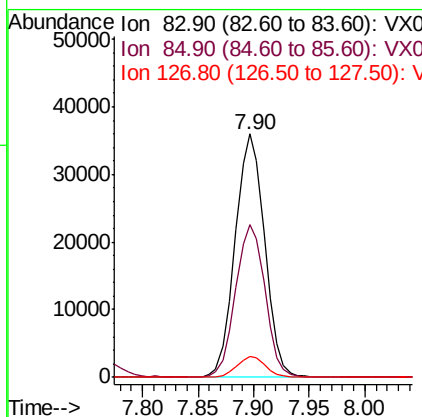
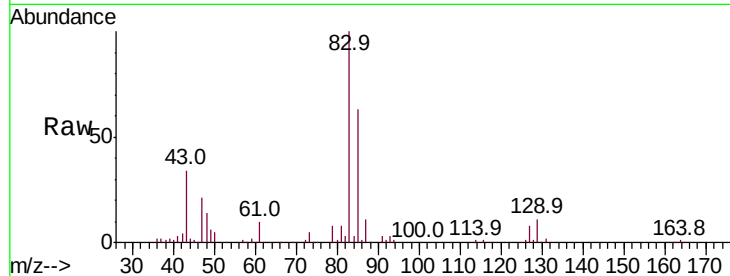
ClientSampleId :

VX0422WBS01

Tot Ion:	83	Resp:	66087
Ion Ratio	Lower	Upper	
83	100		
85	62.6	50.8	76.2
127	8.5	6.4	9.6

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4/23/2019 10:30:47 AM



#48

Methyl methacrylate

Concen: 20.724 ug/l

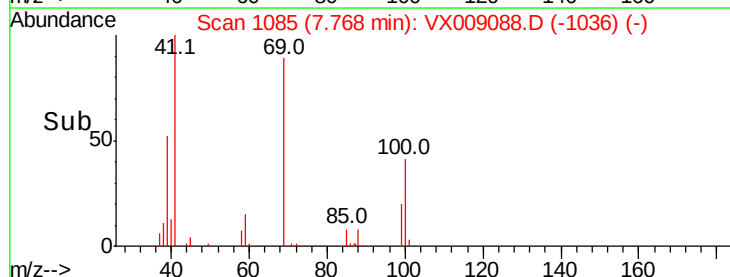
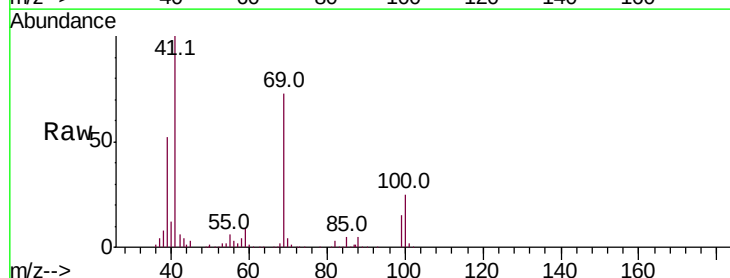
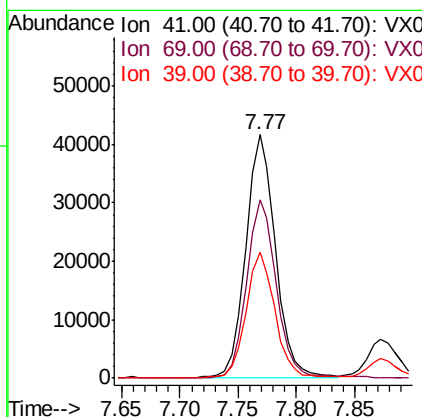
RT: 7.77 min Scan# 1085

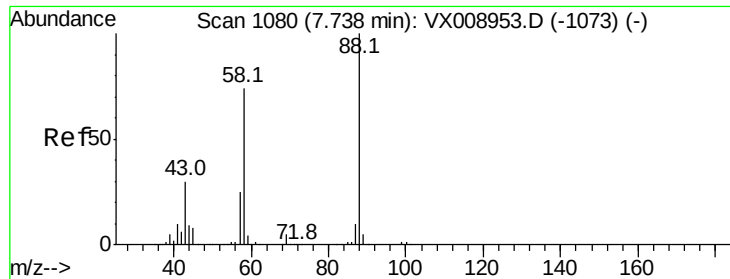
Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	41	Resp:	73979
Ion Ratio	Lower	Upper	
41	100		
69	74.1	59.4	89.2
39	50.2	39.8	59.6





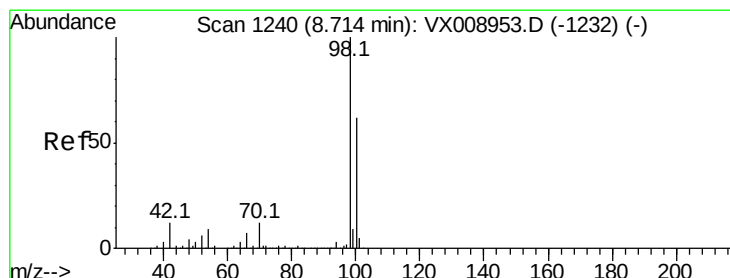
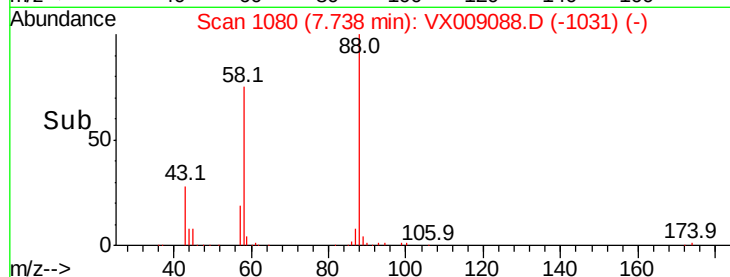
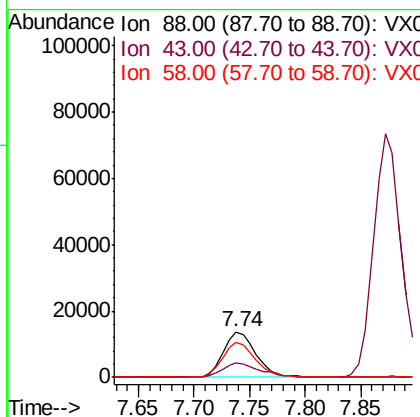
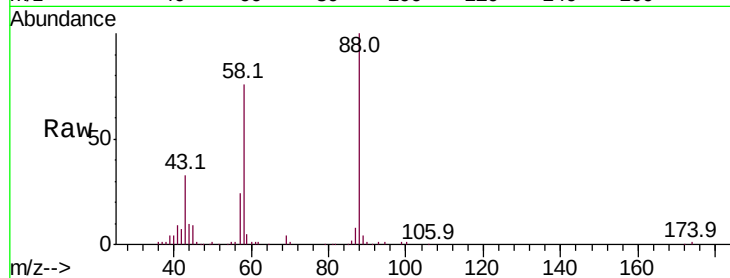
#49
1,4-Dioxane
Concen: 416.562 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.3	43.9
58	79.6	62.6	93.8

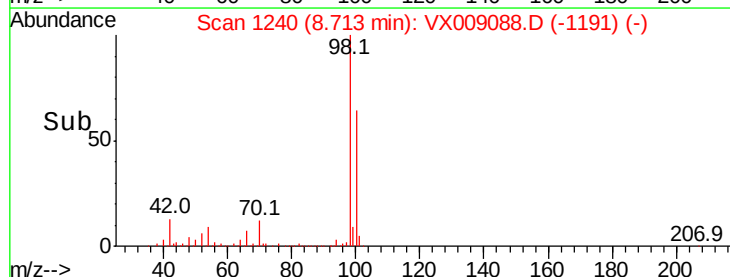
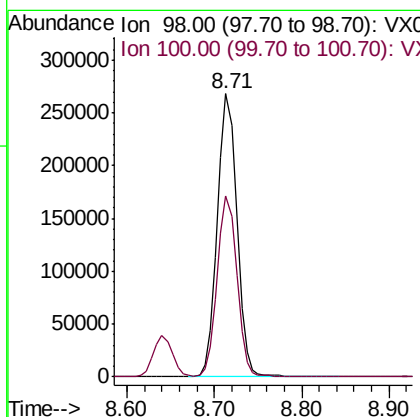
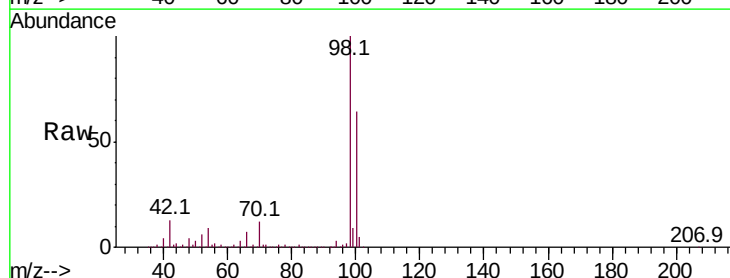
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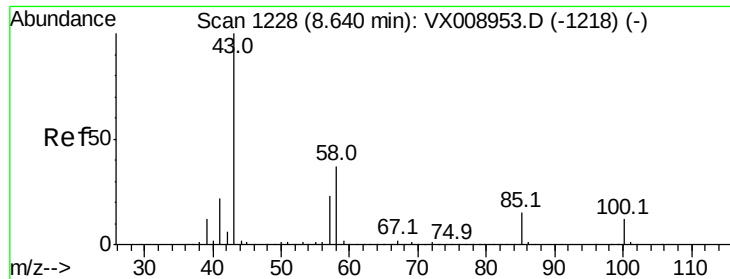
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#50
Toluene-d8
Concen: 48.475 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 104.935 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tot Ion: 43 Resp: 482969

Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.6

Instrument :

MSVOA_X

ClientSampleId :

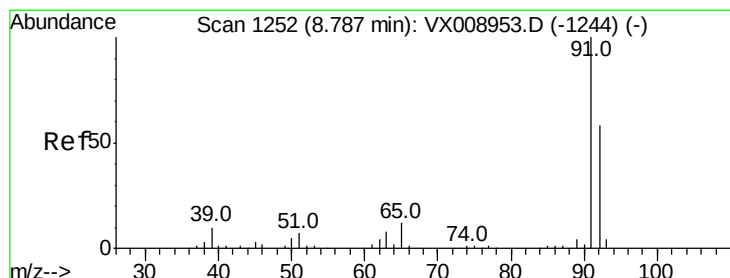
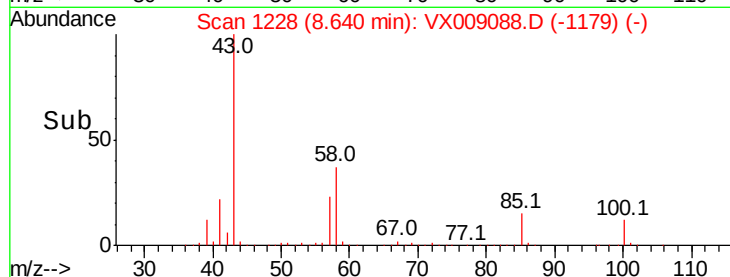
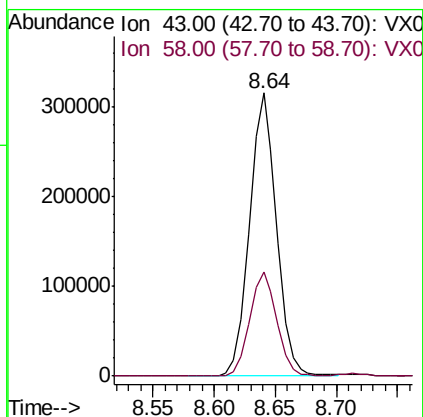
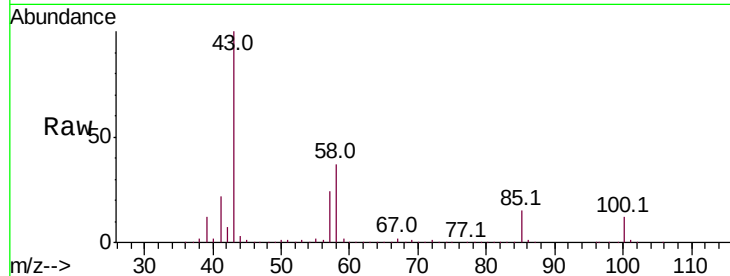
VX0422WBS01

Manual Integrations

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#52

Toluene

Concen: 20.646 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009088.D

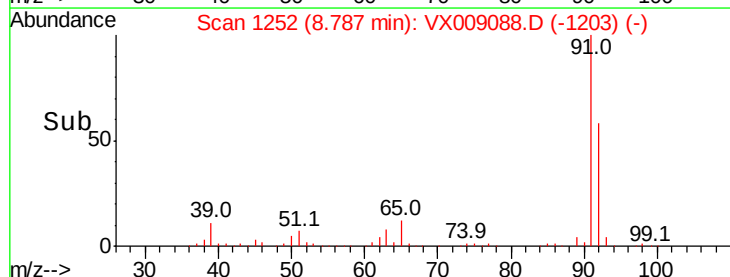
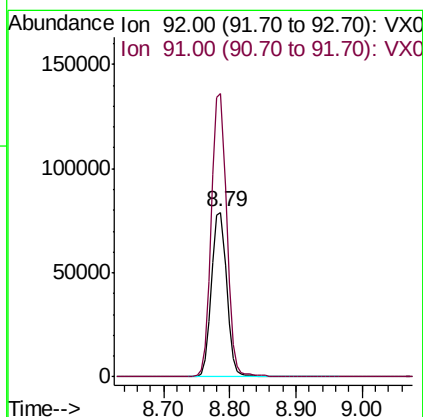
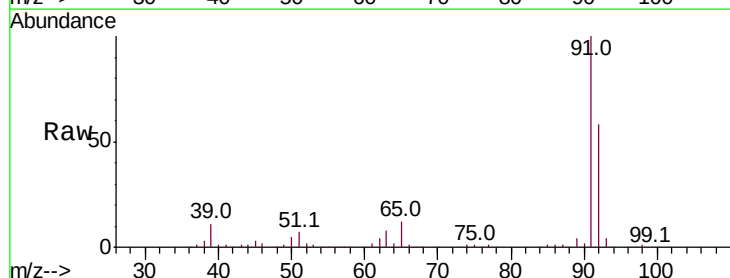
Acq: 22 Apr 2019 11:42

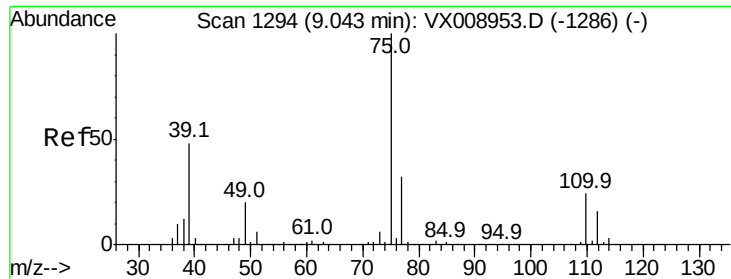
Tgt Ion: 92 Resp: 127174

Ion Ratio Lower Upper

92 100

91 172.8 138.5 207.7





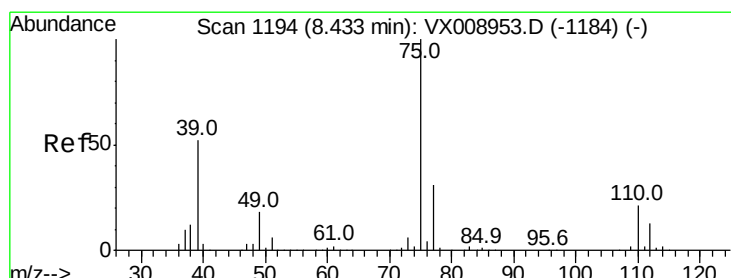
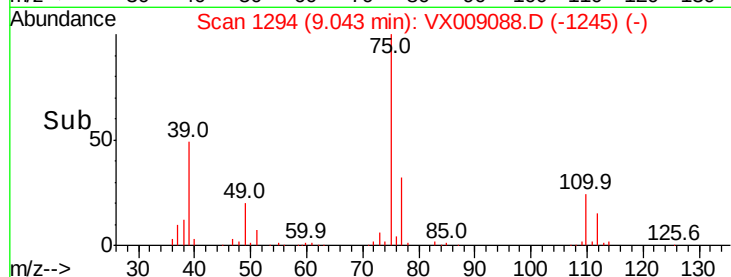
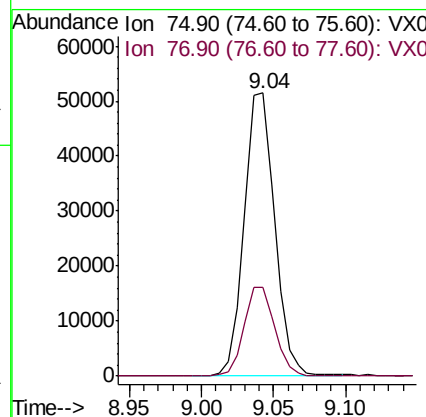
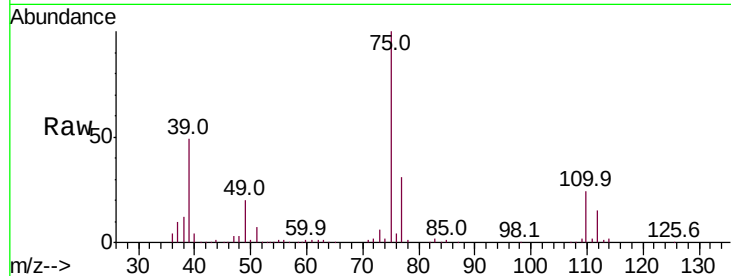
#53
 t-1,3-Dichloropropene
 Concen: 20.293 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2

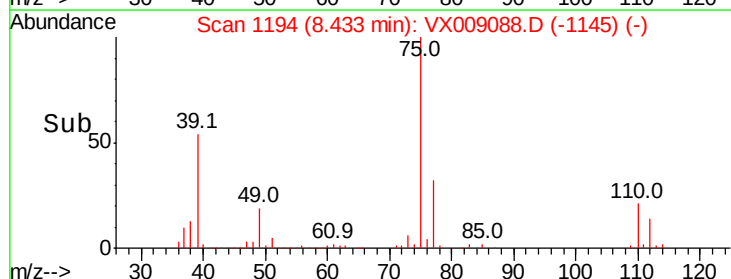
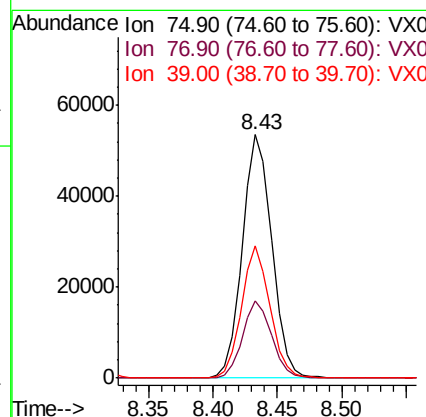
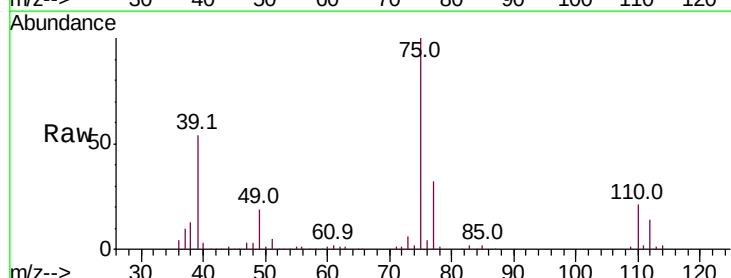
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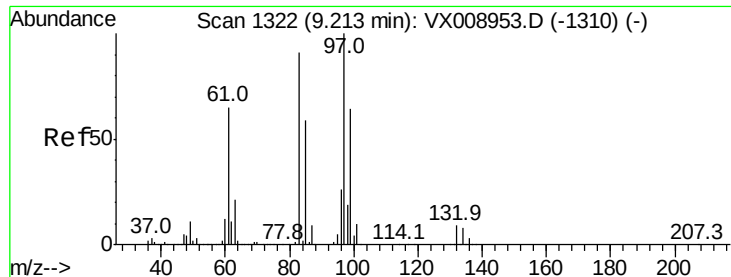
MMDadoda
 4/23/2019 10:30:47 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.188 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	54.2	41.8	62.6





#55

1,1,2-Trichloroethane

Concen: 20.788 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

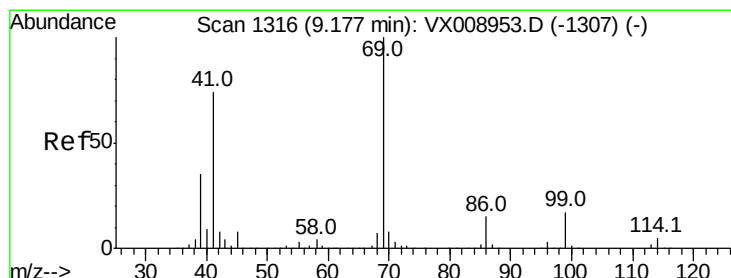
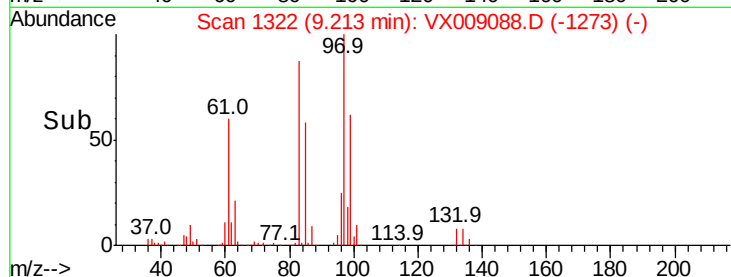
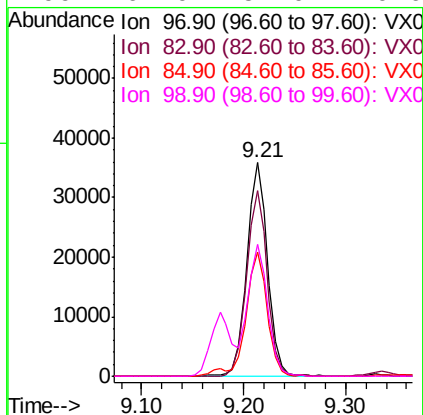
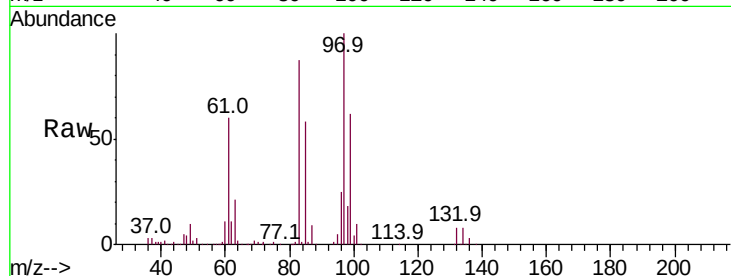
ClientSampleId :

VX0422WBS01

Tot Ion:	97	Resp:	50750
Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.6	108.8
85	58.4	46.9	70.3
99	62.0	51.0	76.6

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4/23/2019 10:30:47 AM



#56

Ethyl methacrylate

Concen: 20.783 ug/l

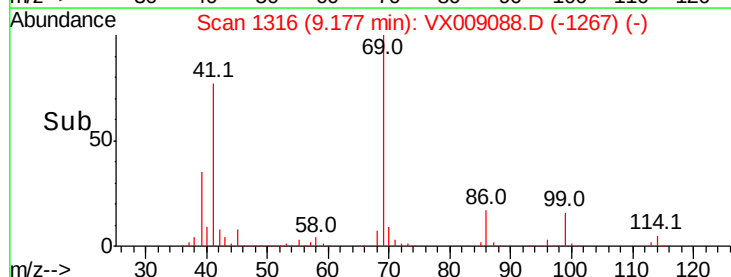
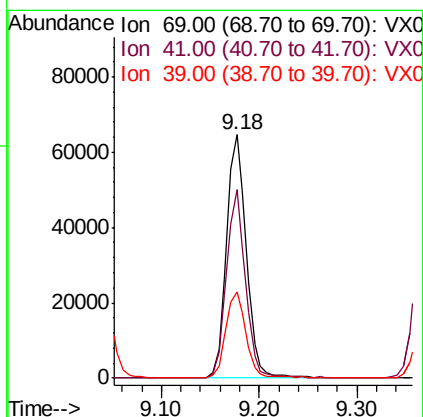
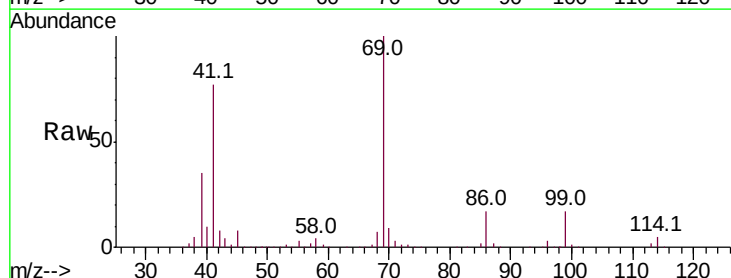
RT: 9.18 min Scan# 1316

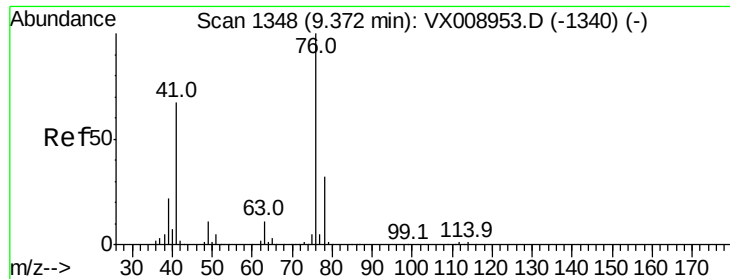
Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	69	Resp:	90978
Ion	Ratio	Lower	Upper
69	100		
41	74.0	60.2	90.2
39	35.8	27.9	41.9





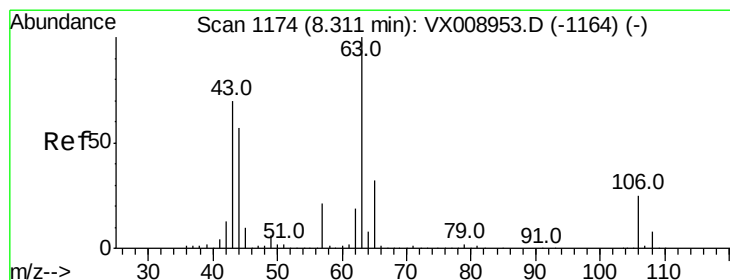
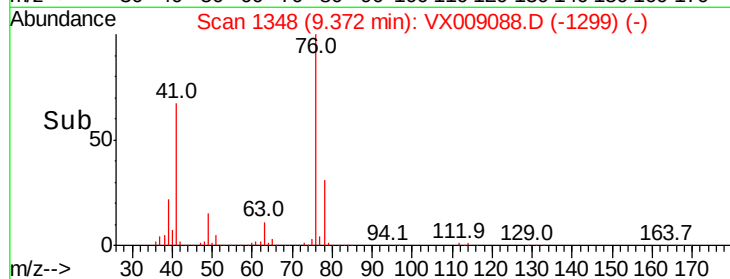
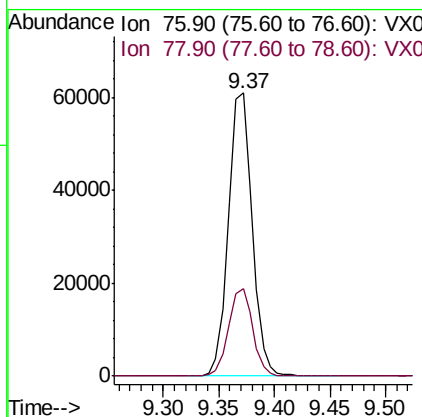
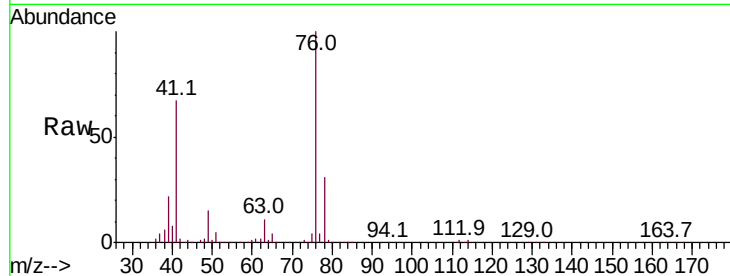
#57
 1,3-Dichloropropane
 Concen: 20.750 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion: 76 Resp: 90196
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.7 38.5

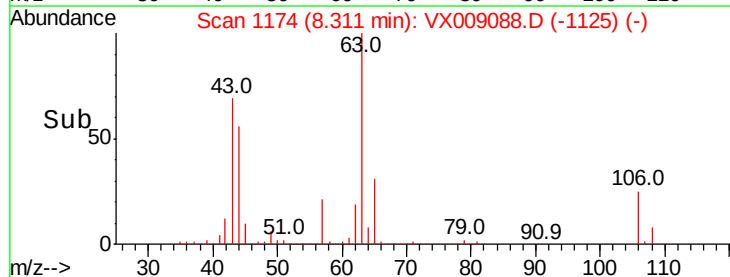
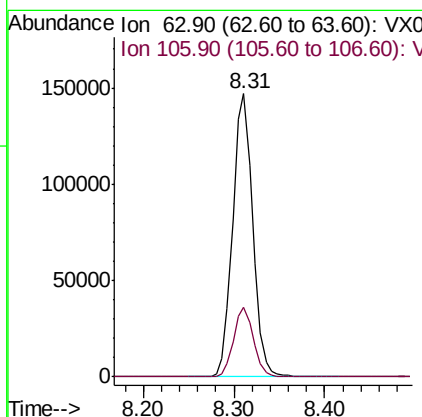
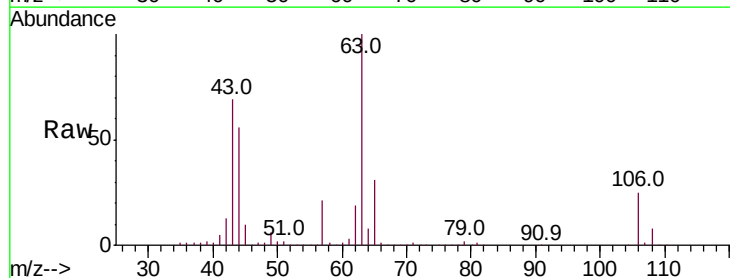
Manual Integrations
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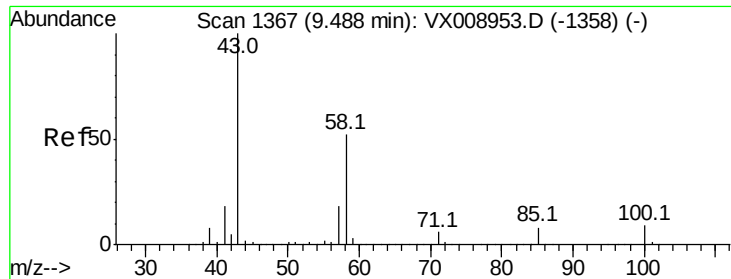
MMDadoda
 4/23/2019 10:30:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.650 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 63 Resp: 225474
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.8 29.6





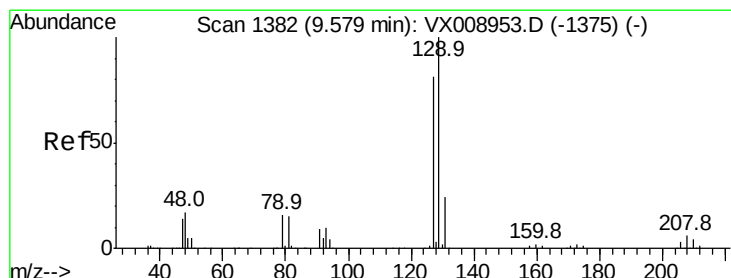
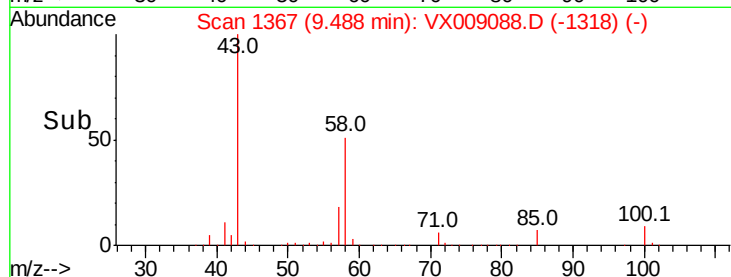
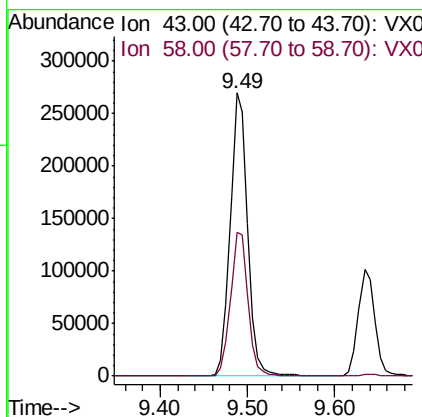
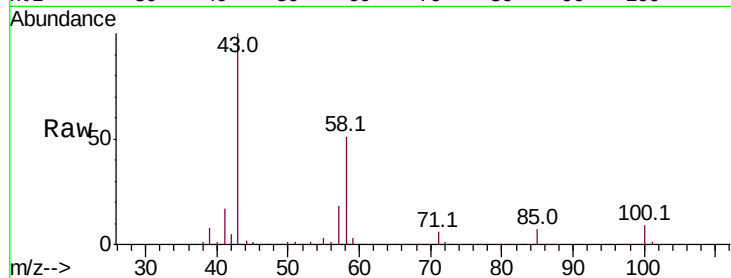
#59
2-Hexanone
Concen: 105.399 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion: 43 Resp: 374007
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8

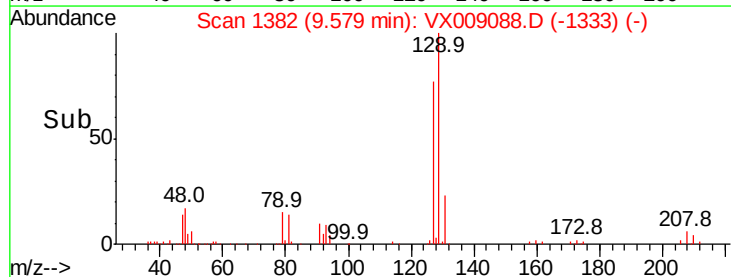
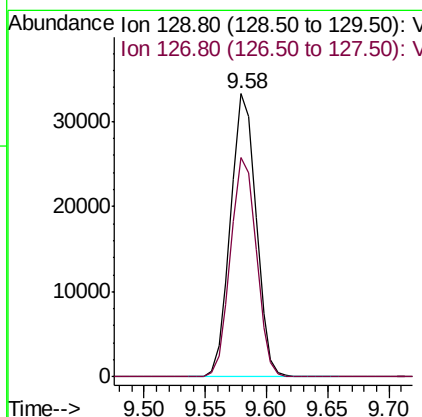
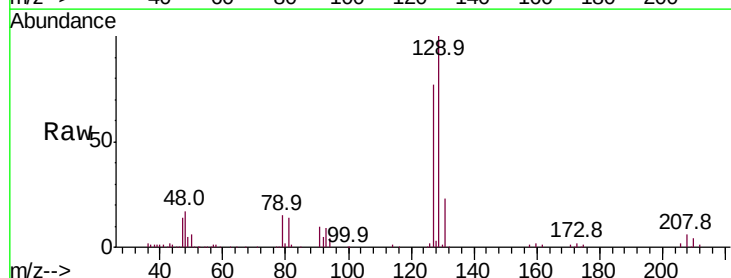
Manual Integrations
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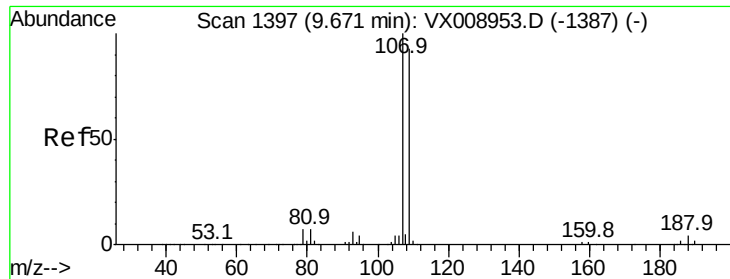
MMDadoda
4/23/2019 10:30:47 AM



#60
Dibromochloromethane
Concen: 20.534 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 129 Resp: 48045
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.419 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion:107 Resp: 51449

Ion Ratio Lower Upper

107 100

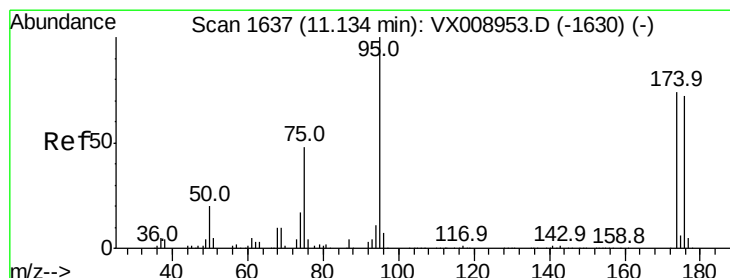
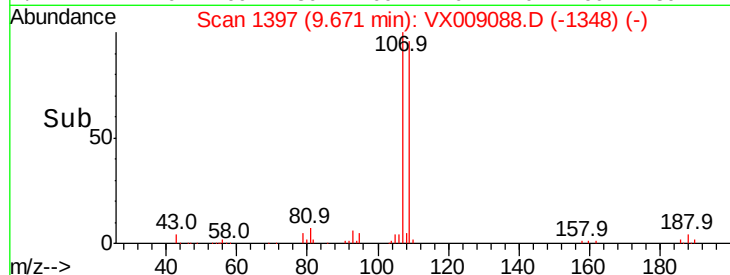
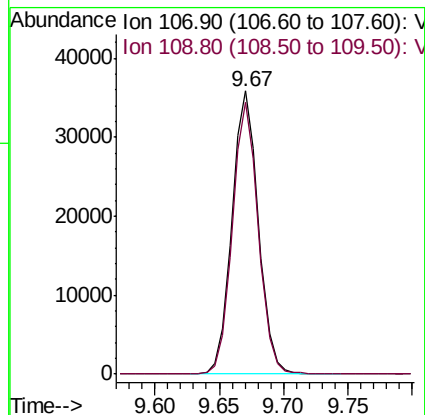
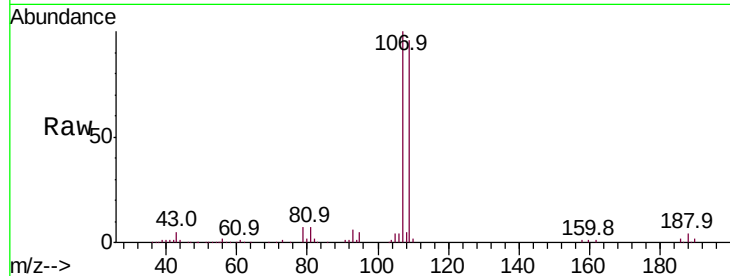
109 93.9 74.4 111.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.604 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

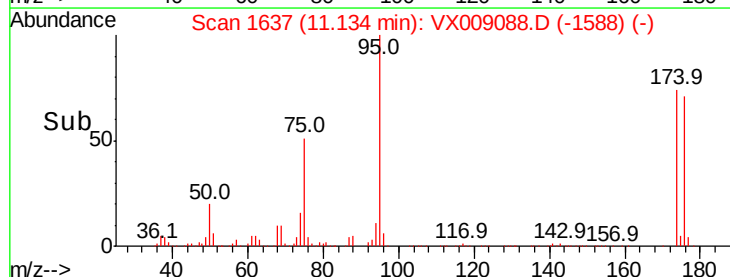
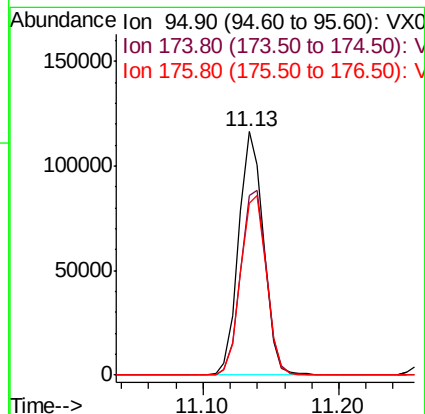
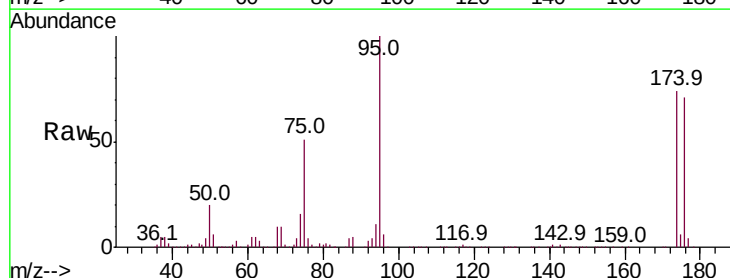
Tgt Ion: 95 Resp: 147930

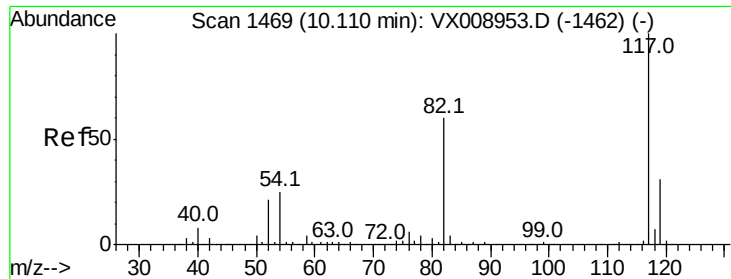
Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.6

176 76.8 0.0 154.8





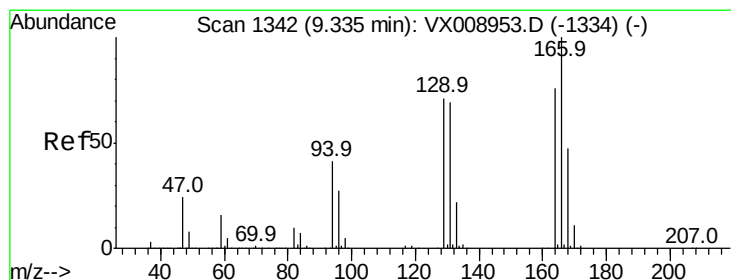
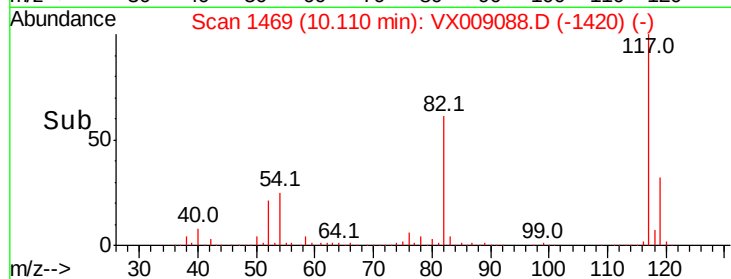
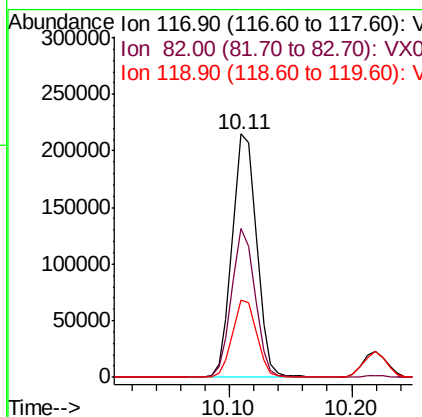
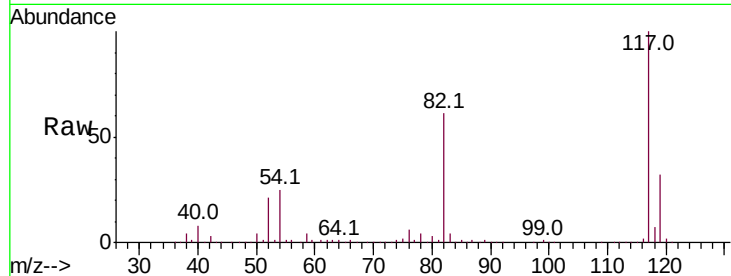
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	297856		
82	61.0	48.2	72.4	
119	31.9	25.0	37.6	

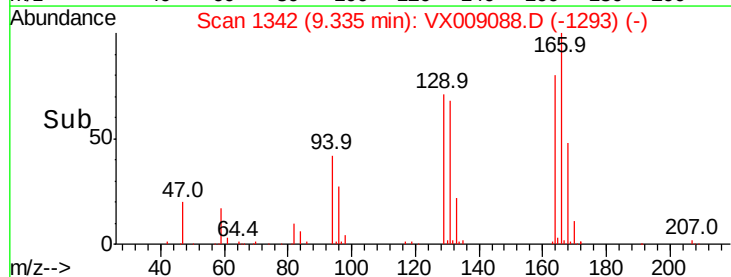
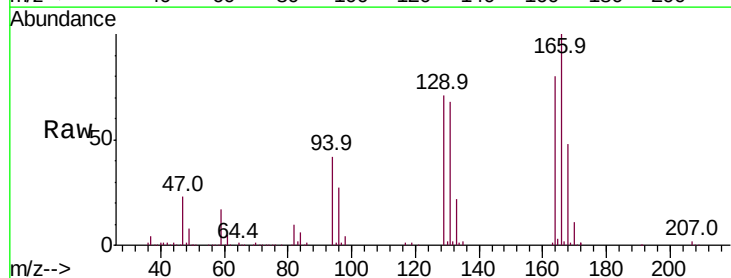
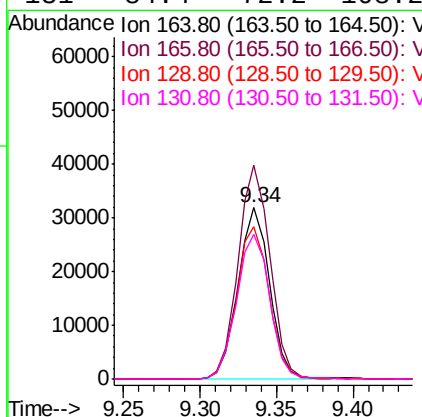
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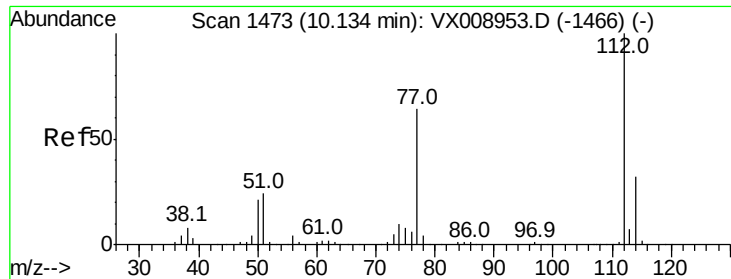
MMDadoda
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#64
Tetrachloroethene
Concen: 20.229 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45773		
166	125.0	105.0	157.4	
129	89.3	74.2	111.4	
131	84.4	72.2	108.2	





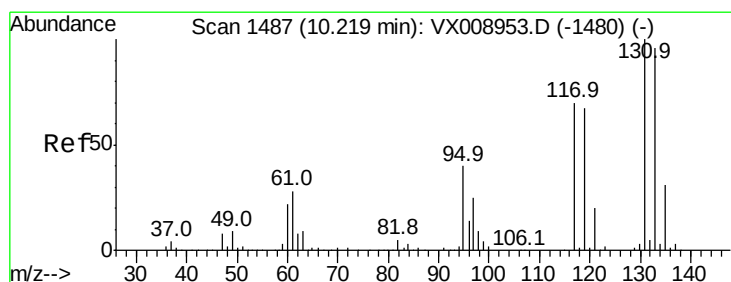
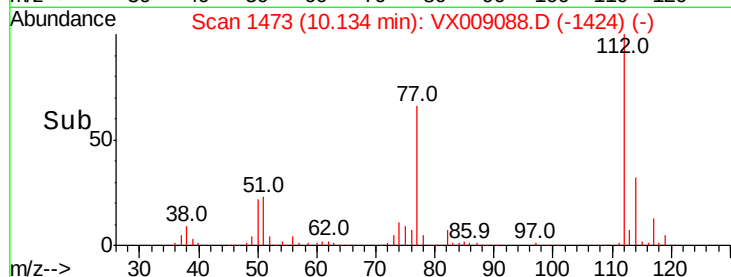
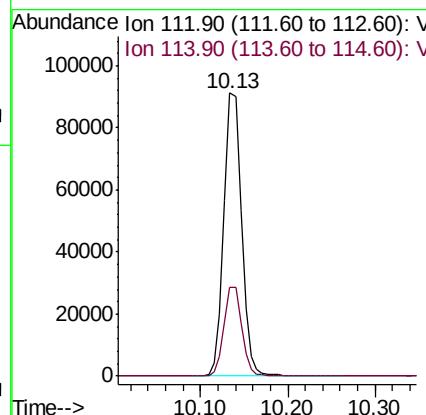
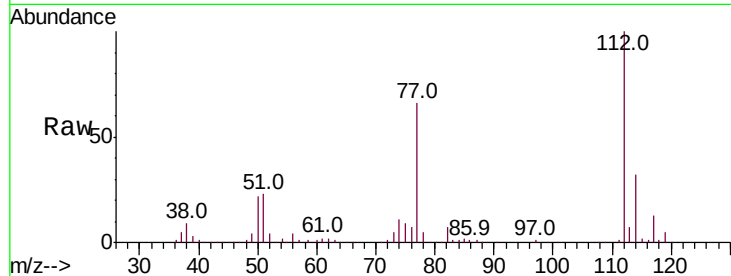
#65
Chlorobenzene
Concen: 20.423 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion:112 Resp: 128396
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

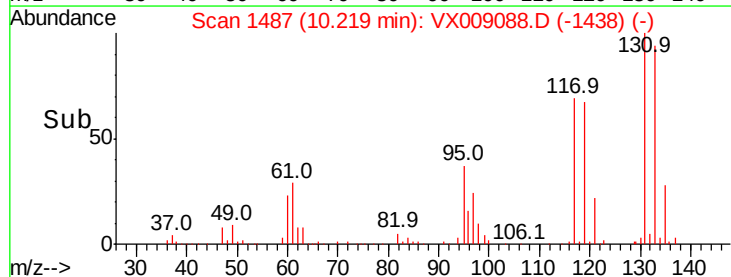
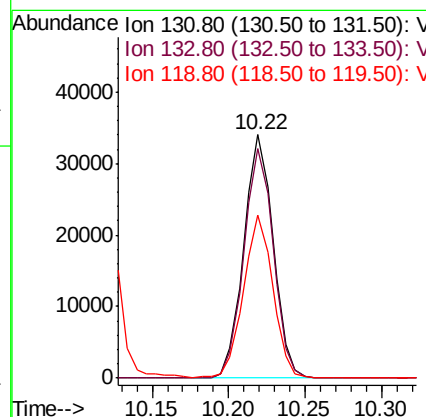
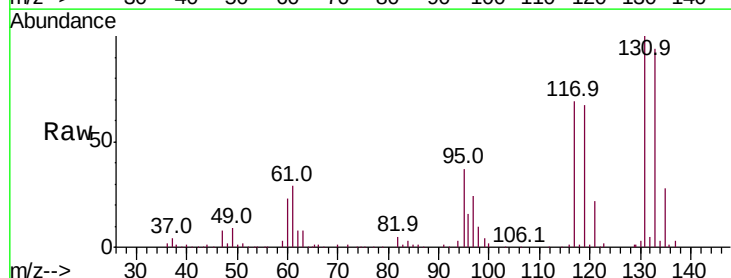
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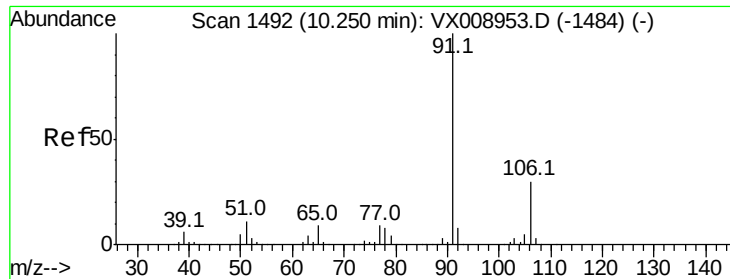
MMDadoda
4/23/2019 10:30:47 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.536 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion:131 Resp: 45482
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.2
119 67.2 33.7 101.1





#67

Ethyl Benzene

Concen: 20.436 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 91 Resp: 234869

Ion Ratio Lower Upper

91 100

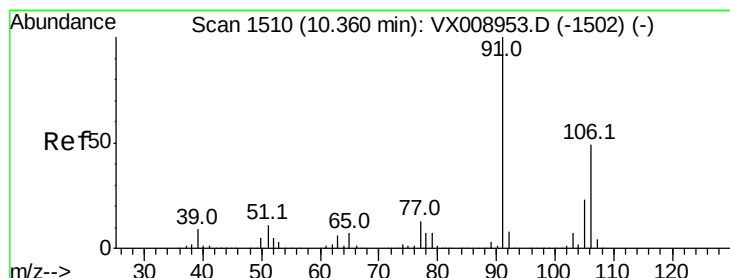
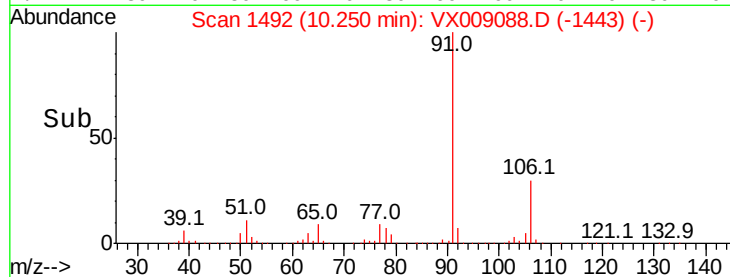
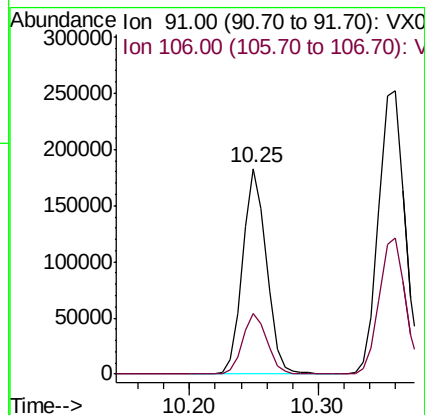
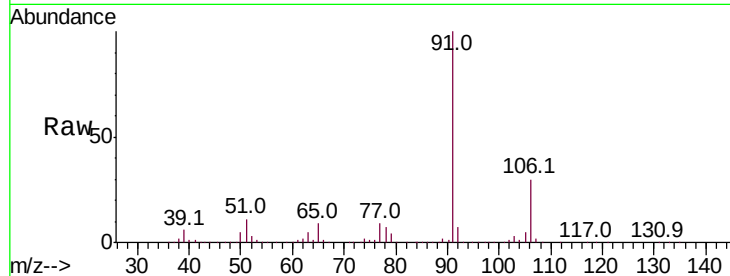
106 29.6 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.692 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009088.D

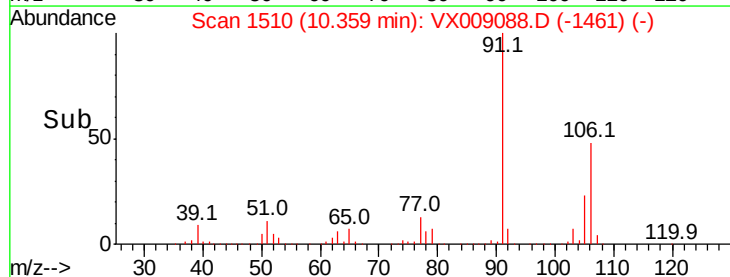
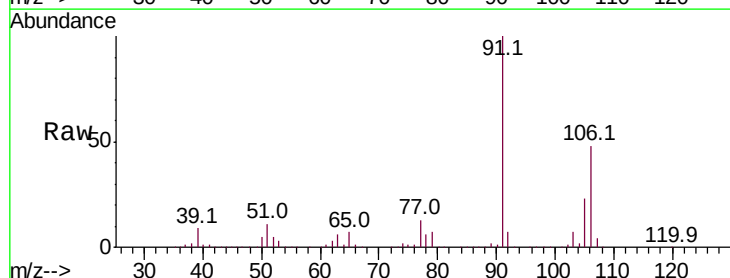
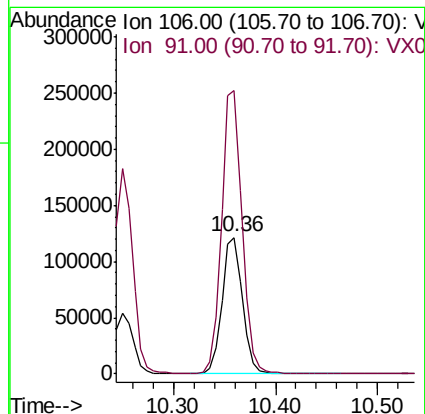
Acq: 22 Apr 2019 11:42

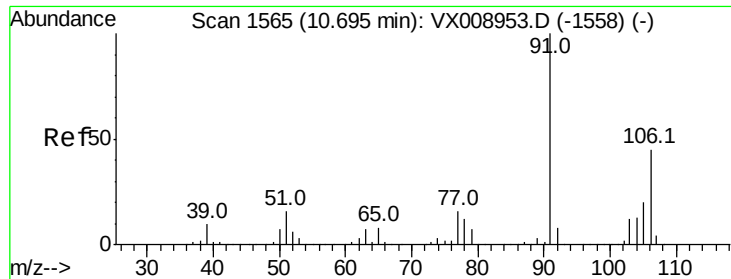
Tgt Ion: 106 Resp: 169961

Ion Ratio Lower Upper

106 100

91 209.4 165.4 248.2





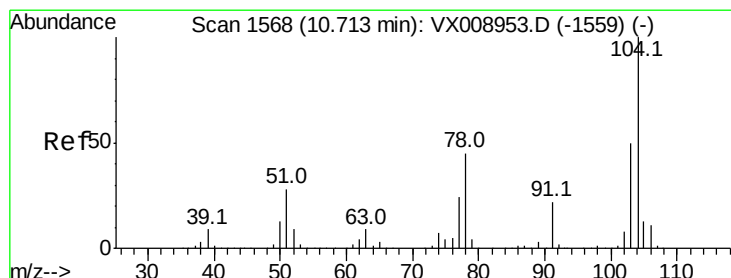
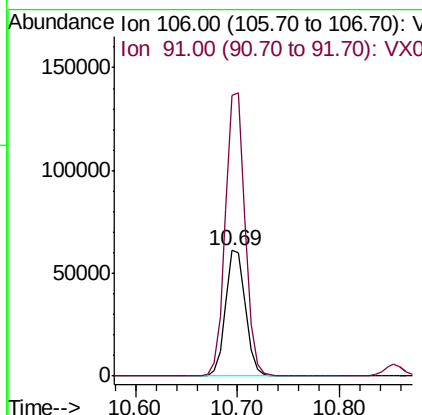
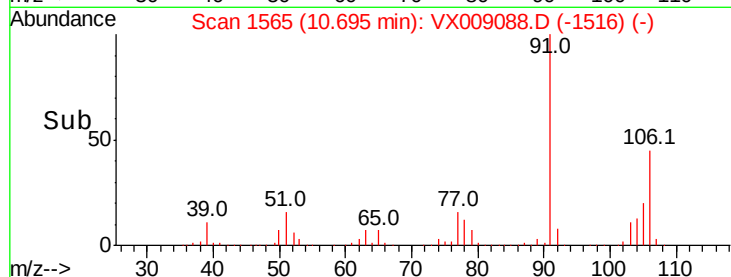
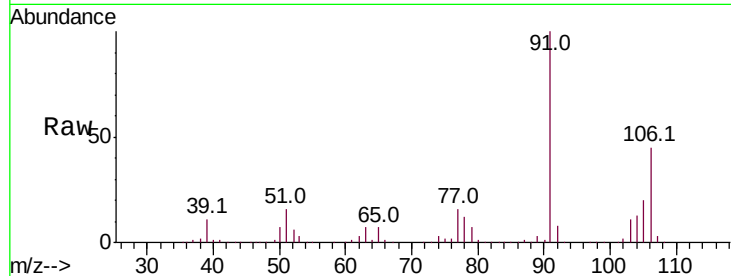
#69
o-Xylene
Concen: 20.365 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion:106 Resp: 82764
Ion Ratio Lower Upper
106 100
91 221.6 108.9 326.7

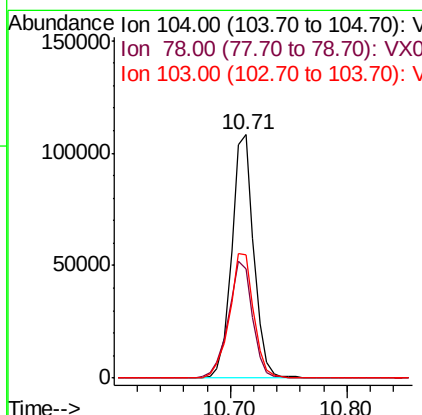
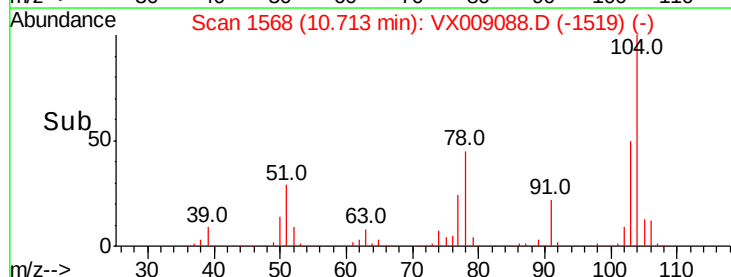
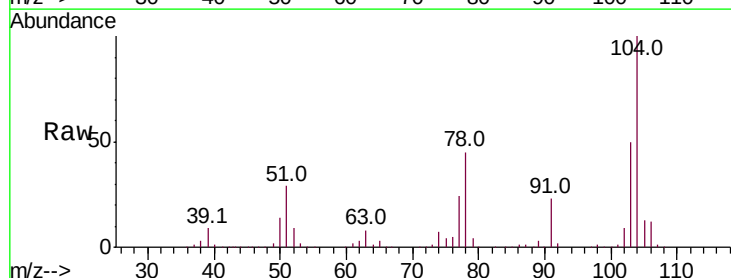
Manual Integrations
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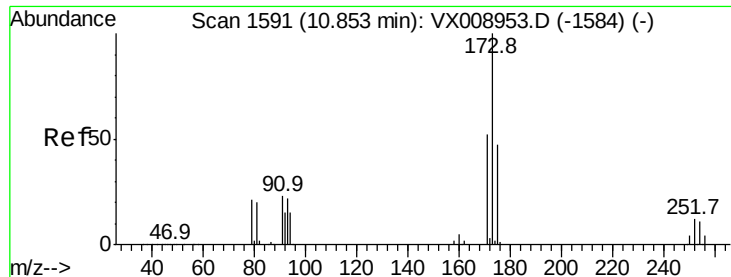
MMDadoda
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#70
Styrene
Concen: 20.267 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion:104 Resp: 142733
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.8 43.9 65.9





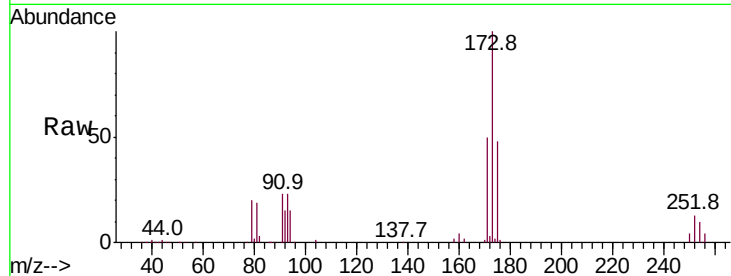
#71
Bromoform
Concen: 20.203 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

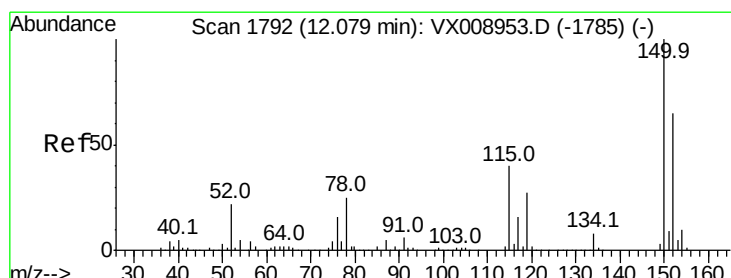
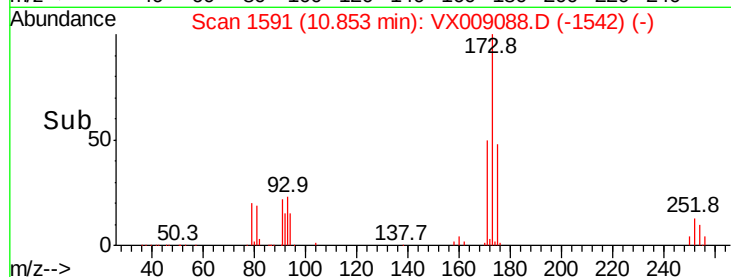
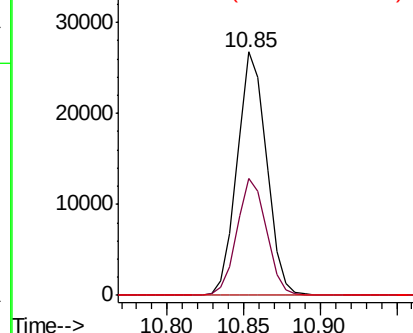
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.9	71.8
254	0.1	0.2	0.4

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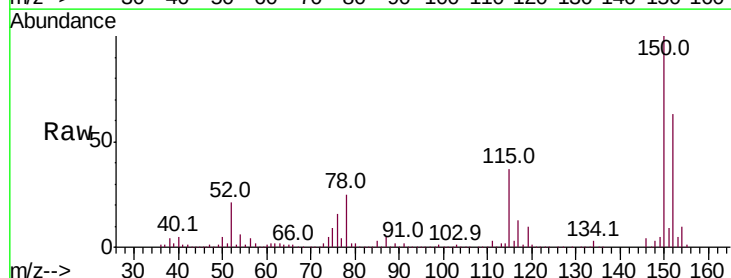


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

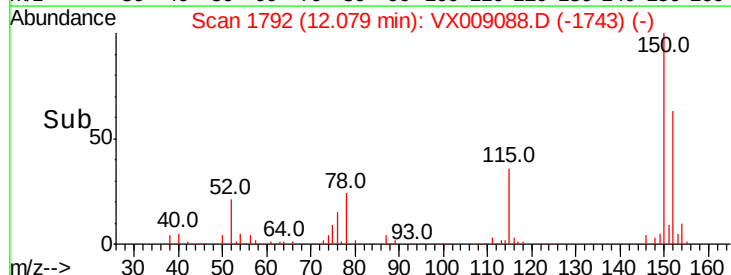
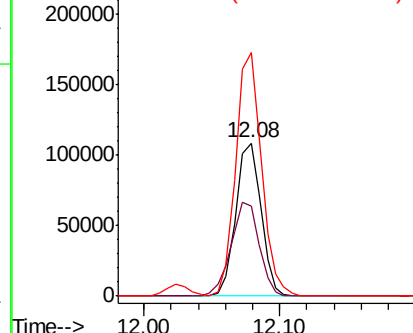


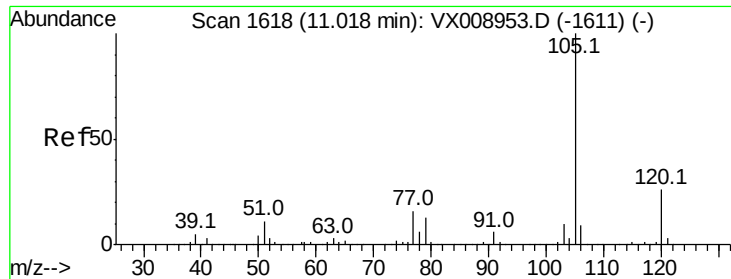
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.6	41.4	124.2
150	163.2	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





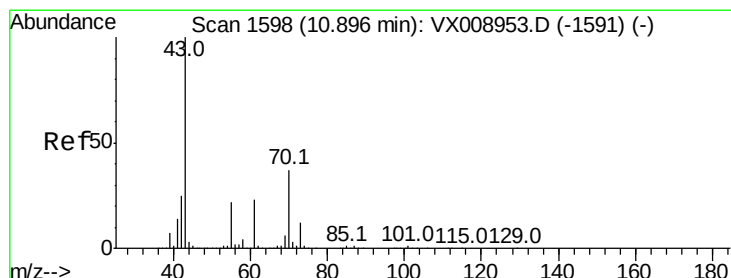
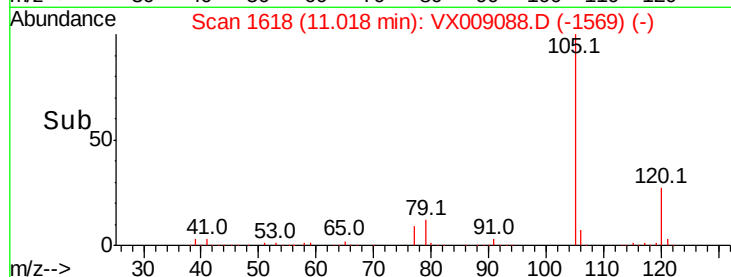
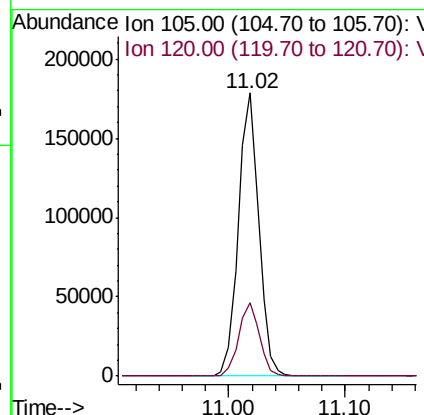
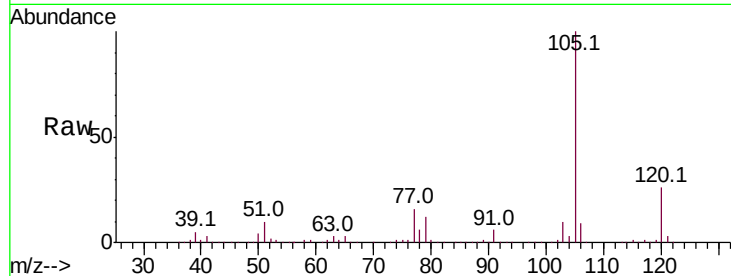
#73
Isopropylbenzene
Concen: 20.659 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion:105 Resp: 218761
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7

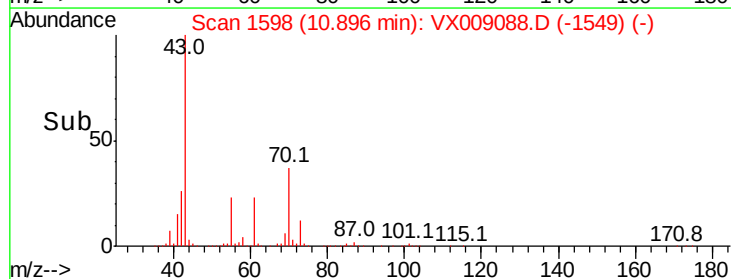
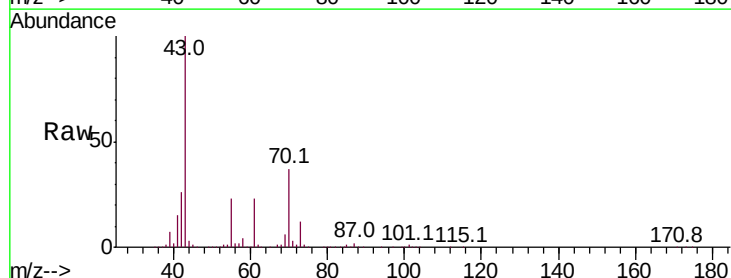
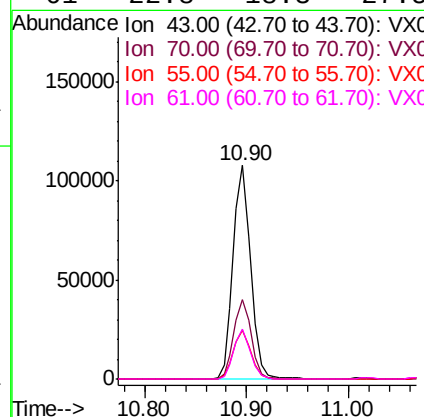
Manual Integrations
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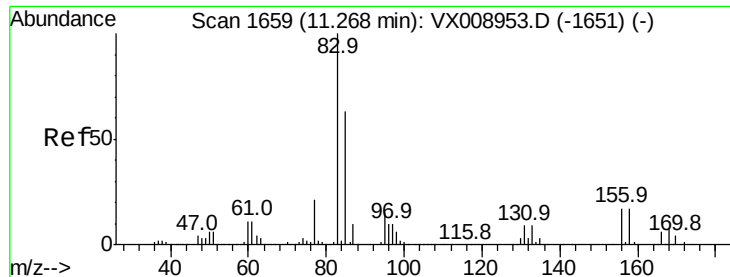
MMDadoda
4/23/2019 10:30:47 AM



#74
N-ethyl acetate
Concen: 21.041 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion: 43 Resp: 127929
Ion Ratio Lower Upper
43 100
70 37.2 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: 21.120 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

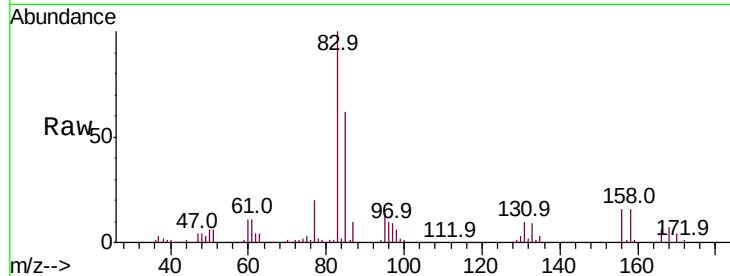
ClientSampleId :

VX0422WBS01

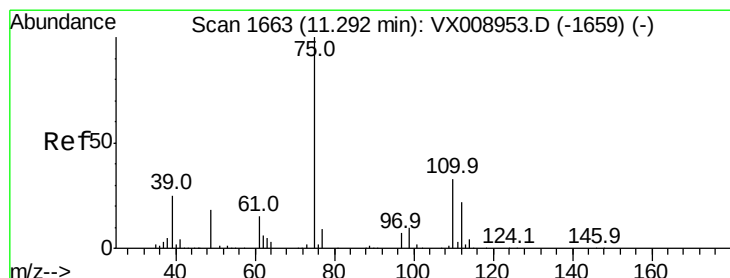
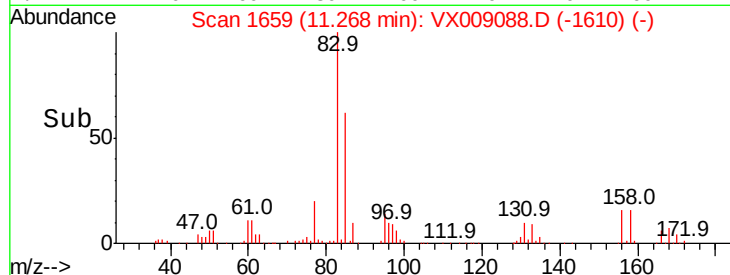
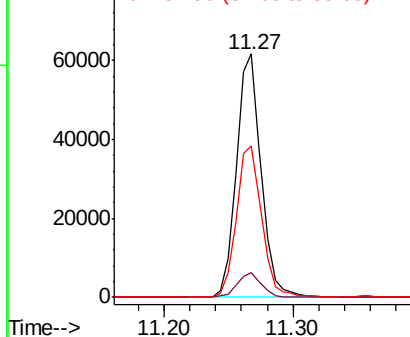
Tot Ion:	83	Resp:	81714
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.7	14.0
85	63.9	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.706 ug/l m

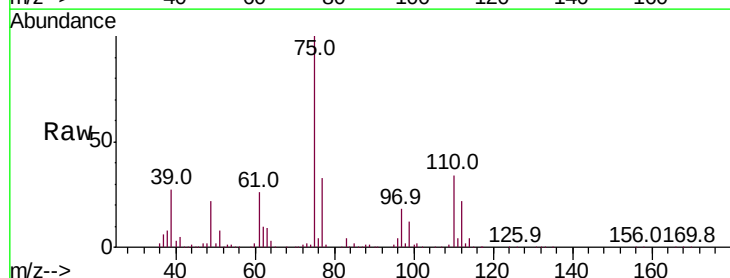
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

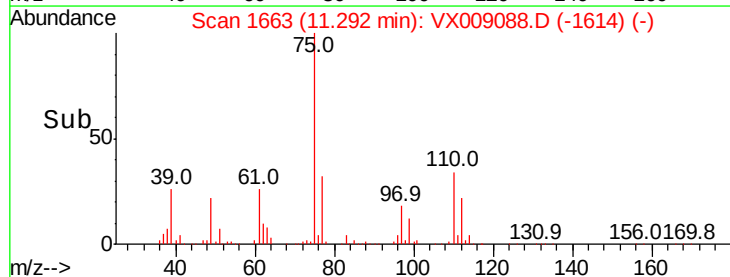
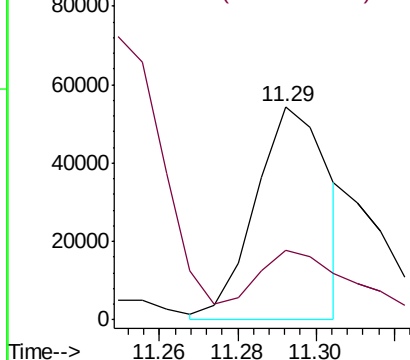
Lab File: VX009088.D

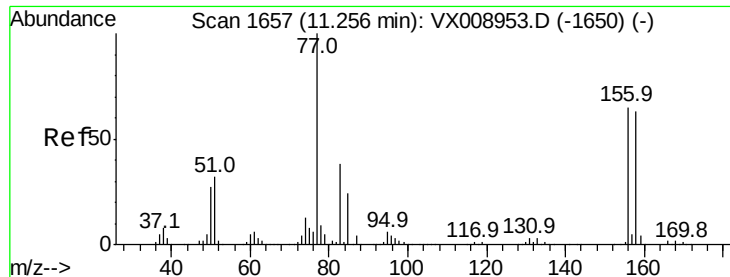
Acq: 22 Apr 2019 11:42

Tgt Ion:	75	Resp:	70631
Ion Ratio	Lower	Upper	
75	100		
77	44.3	22.7	68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.439 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

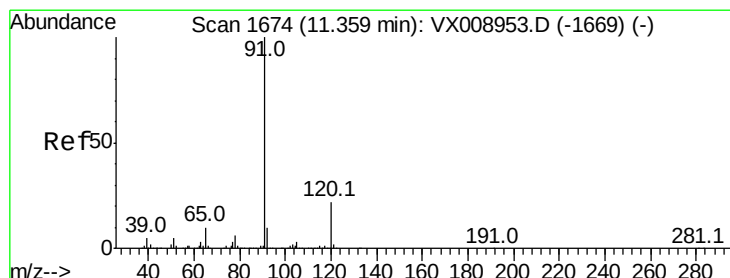
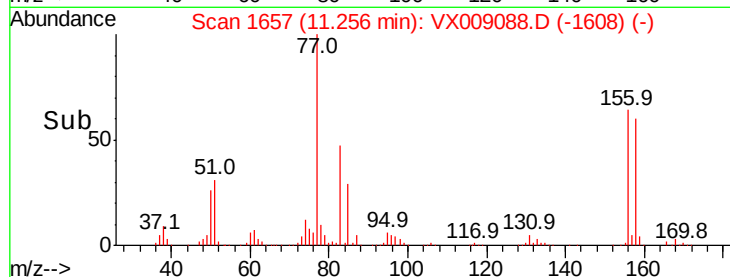
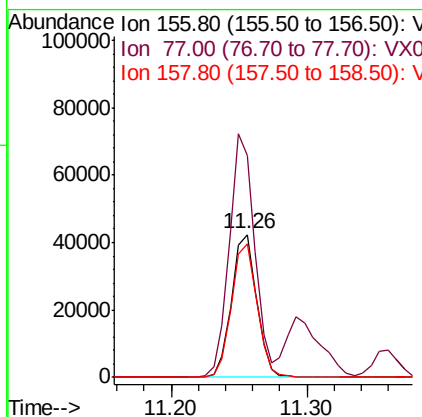
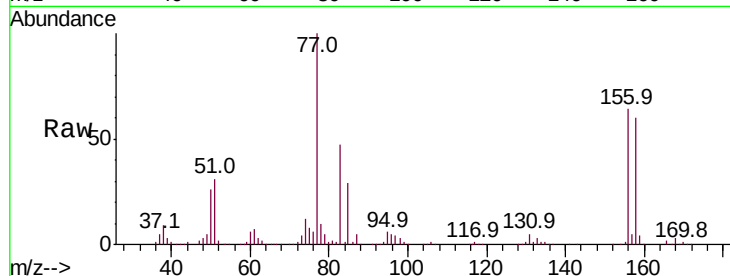
ClientSampleId :

VX0422WBS01

Tot Ion:	156	Resp:	54607
Ion	Ratio	Lower	Upper
156	100		
77	170.6	85.4	256.1
158	95.0	48.8	146.4

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#78

n-propylbenzene

Concen: 20.684 ug/l

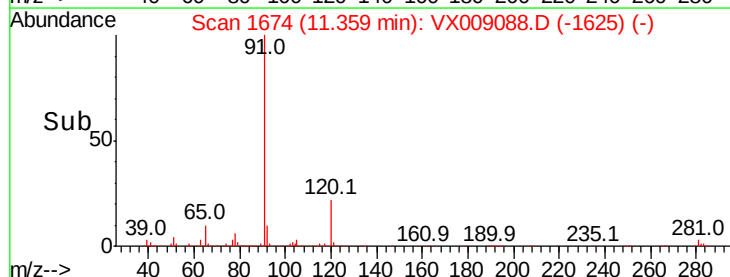
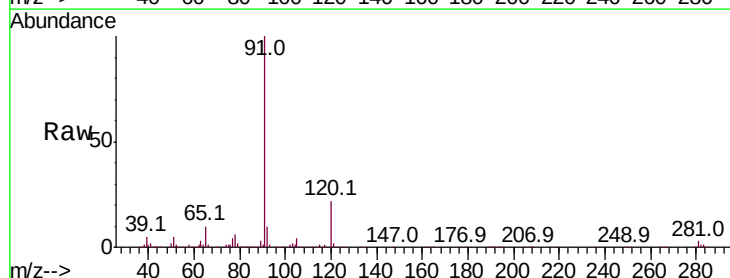
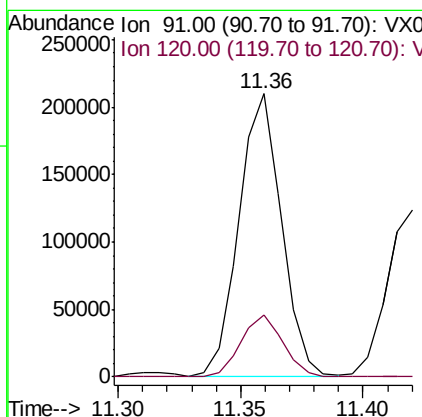
RT: 11.36 min Scan# 1674

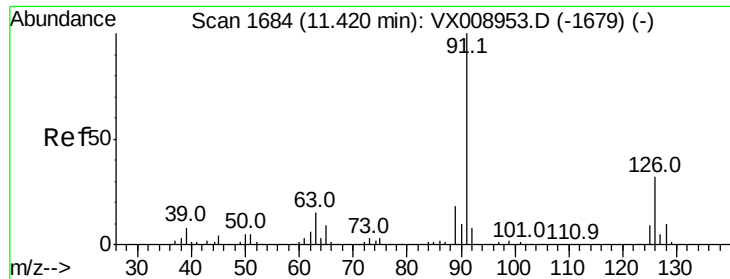
Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	91	Resp:	251391
Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.9





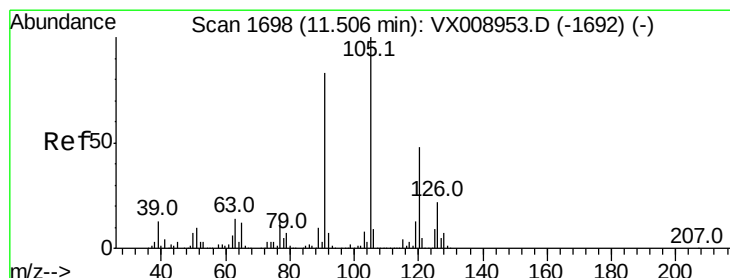
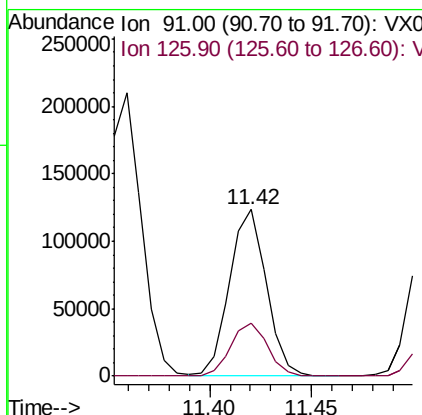
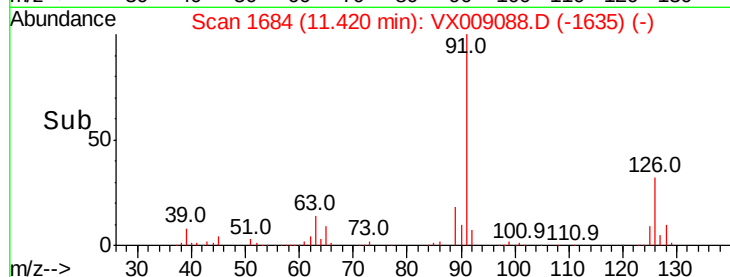
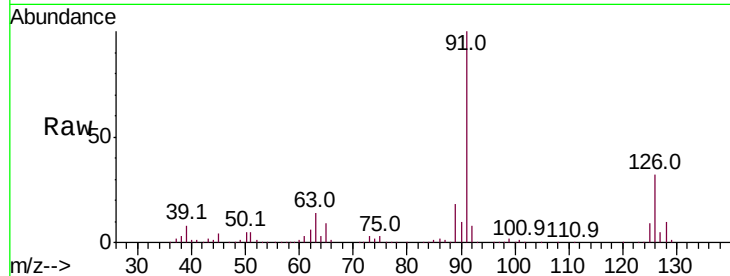
#79
 2-Chlorotoluene
 Concen: 20.887 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion: 91 Resp: 152973
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9

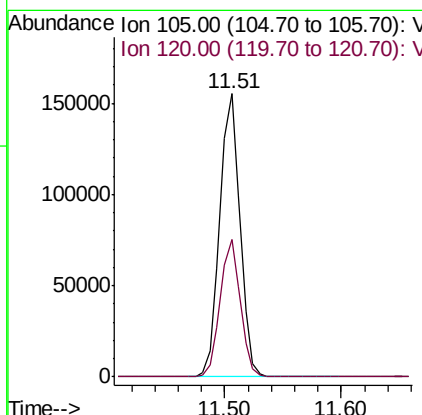
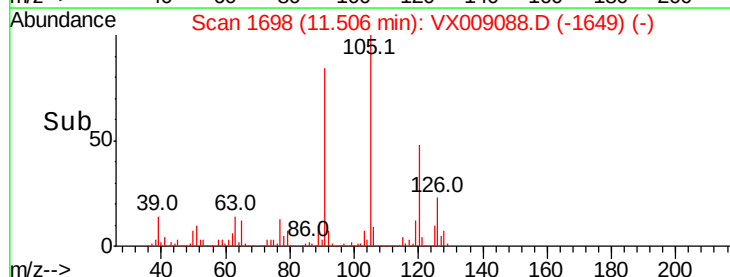
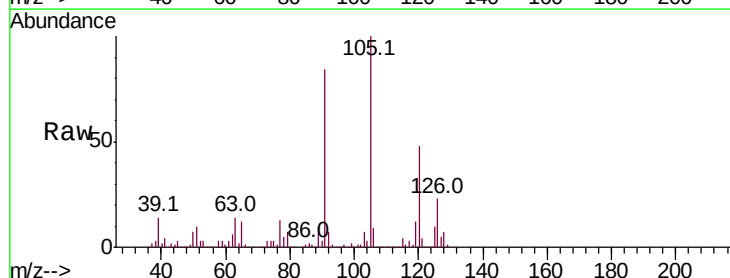
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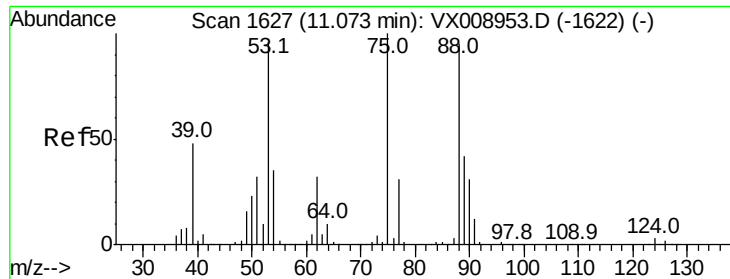
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.897 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion: 105 Resp: 185688
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.546 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 75 Resp: 25971

Ion Ratio Lower Upper

75 100

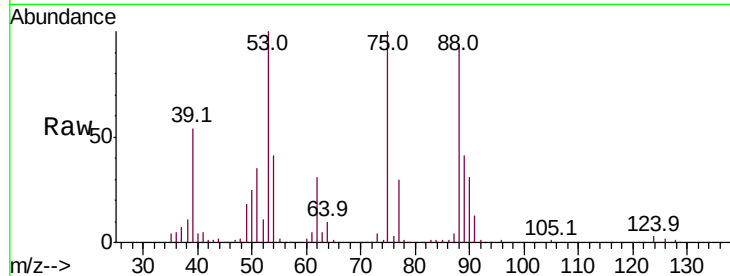
53 104.3 78.2 117.4

89 42.5 36.0 54.0

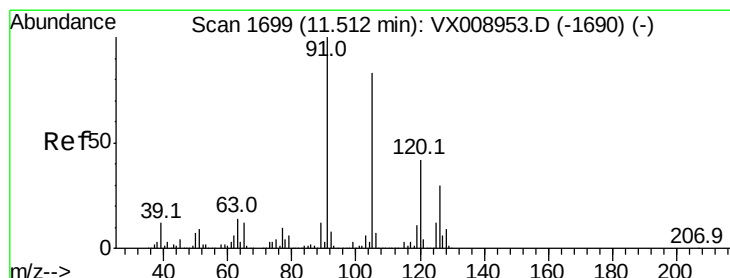
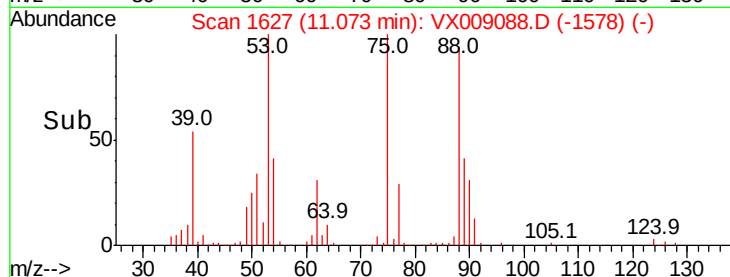
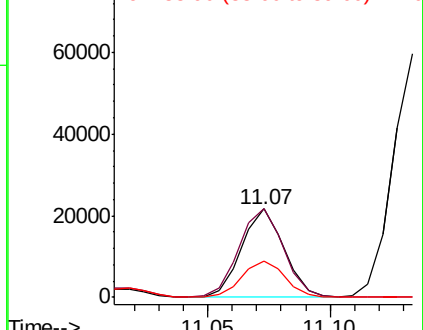
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.372 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX009088.D

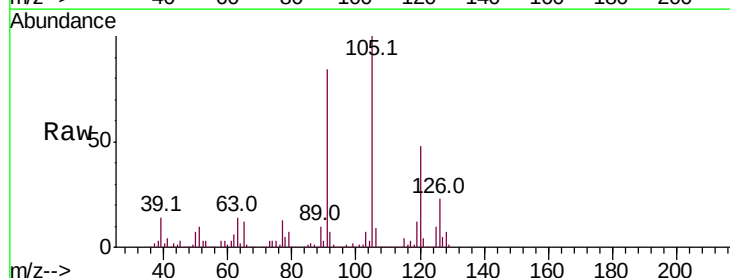
Acq: 22 Apr 2019 11:42

Tgt Ion: 91 Resp: 173279

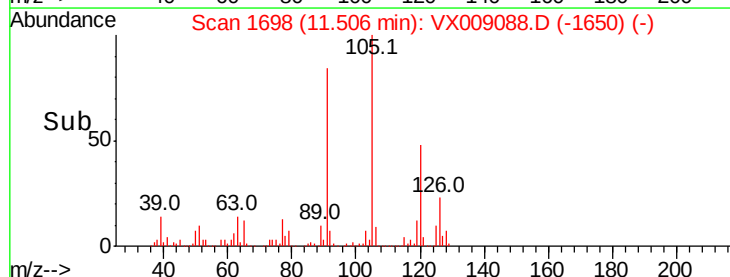
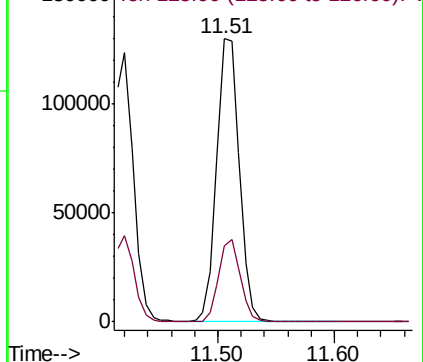
Ion Ratio Lower Upper

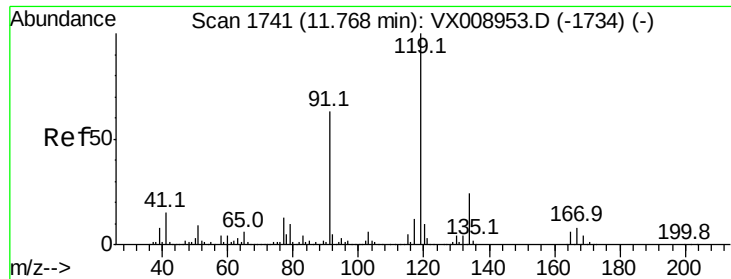
91 100

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





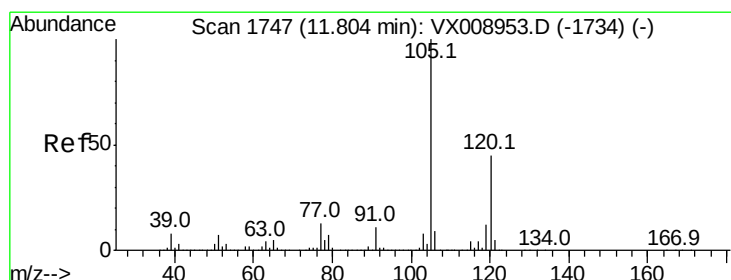
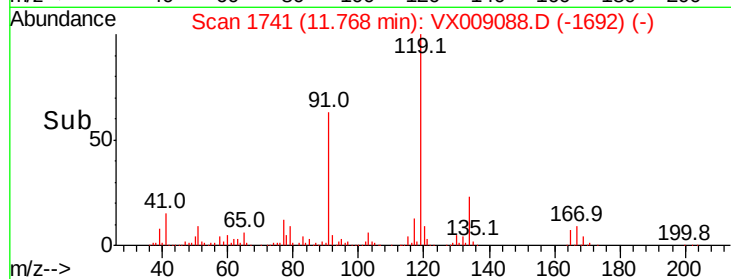
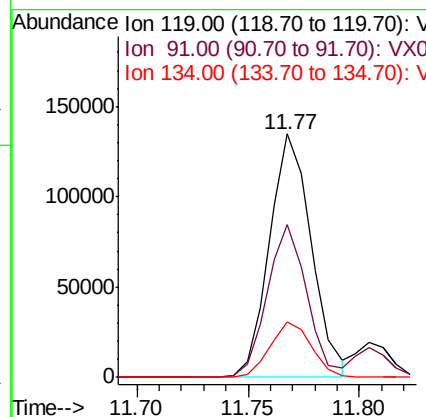
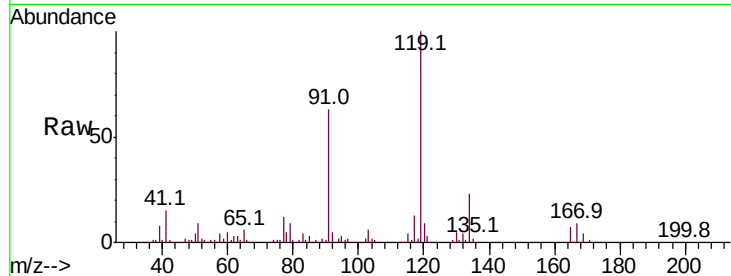
#83
tert-Butylbenzene
Concen: 20.623 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	175943		
91	59.7		29.7	89.1
134	22.4		11.2	33.5

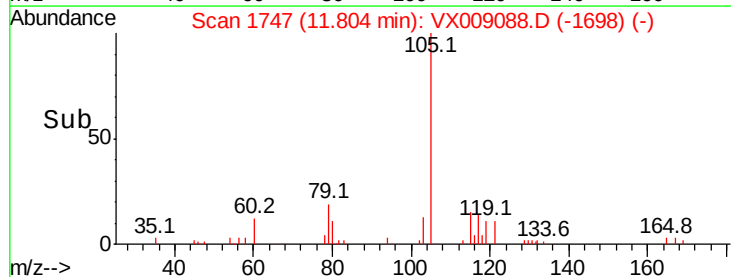
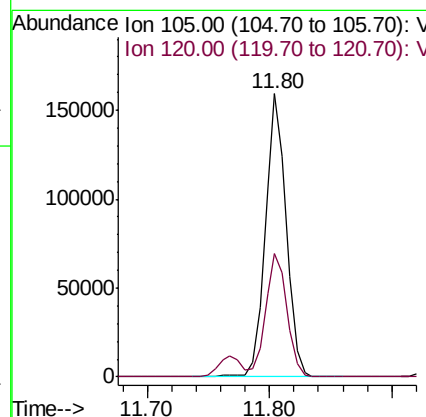
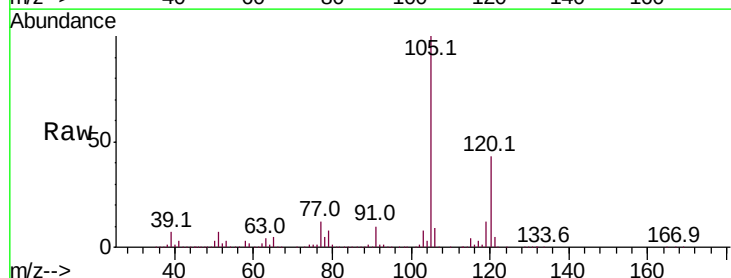
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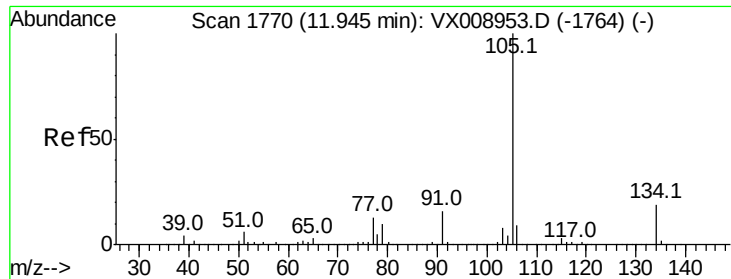
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#84
1,2,4-Trimethylbenzene
Concen: 20.863 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188706		
120	44.7		21.9	65.8





#85

sec-Butylbenzene

Concen: 20.806 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion:105 Resp: 211701

Ion Ratio Lower Upper

105 100

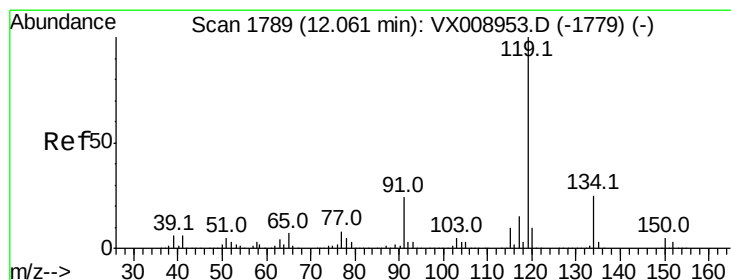
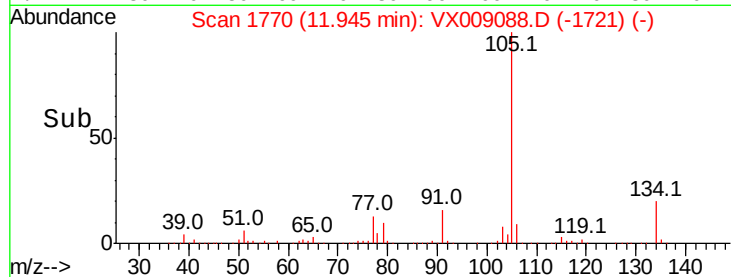
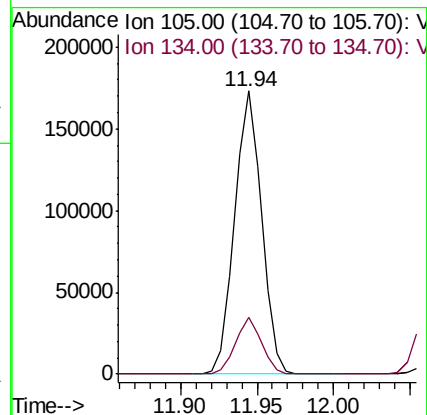
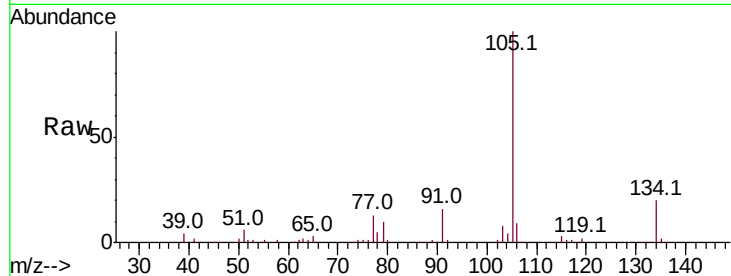
134 19.4 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 20.558 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

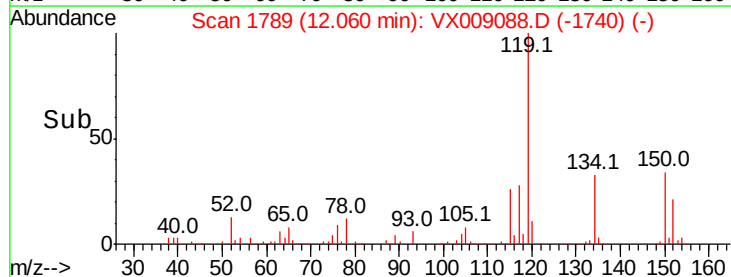
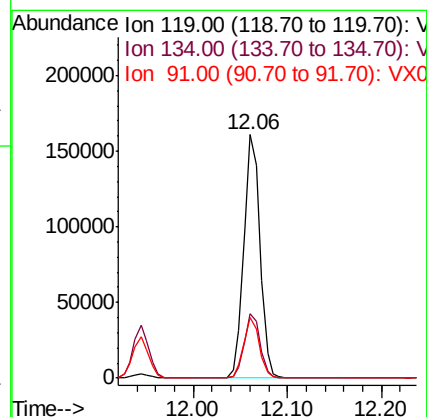
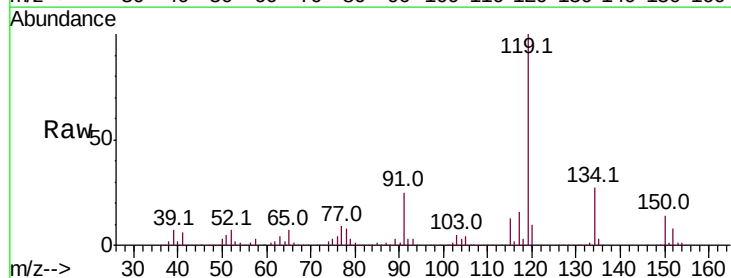
Tgt Ion:119 Resp: 192311

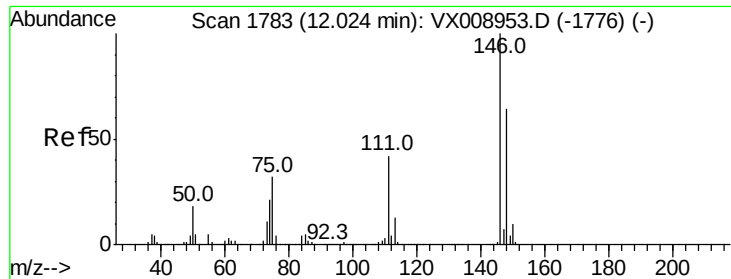
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.1 11.9 35.5





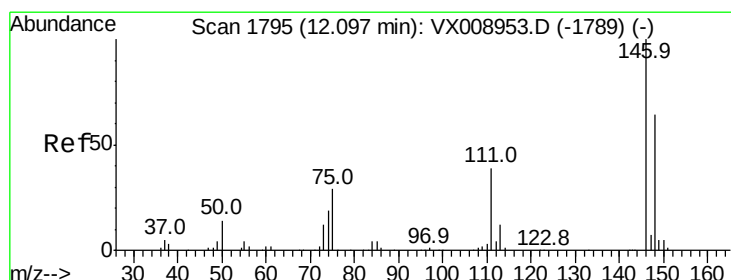
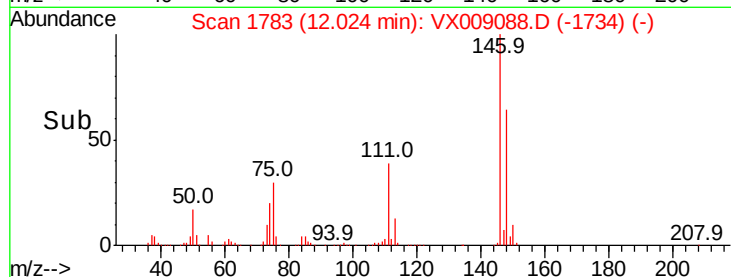
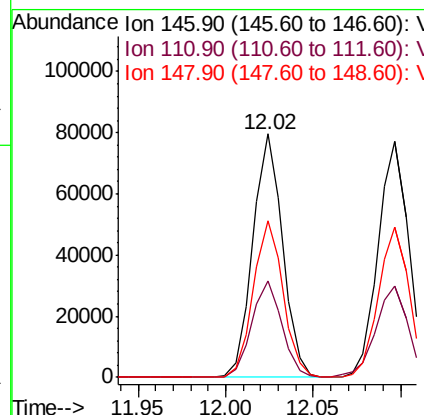
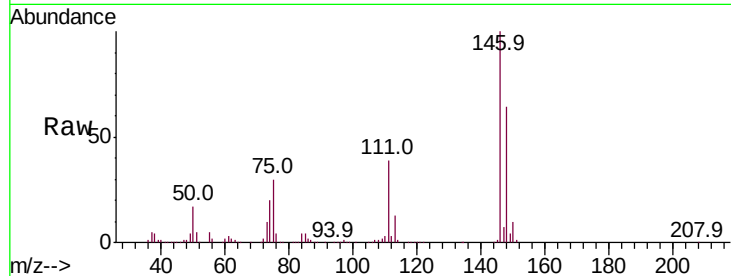
#87
 1,3-Dichlorobenzene
 Concen: 20.195 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.6
148	64.3	32.2	96.6

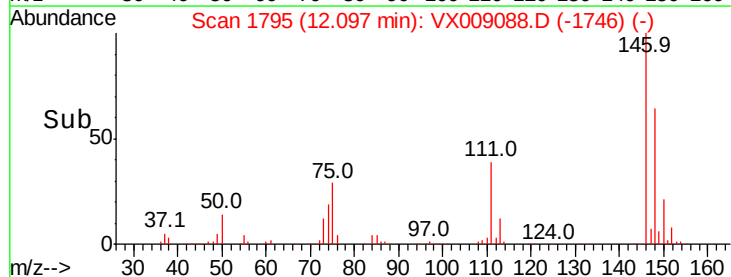
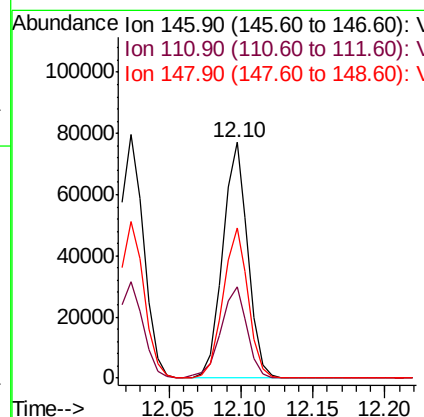
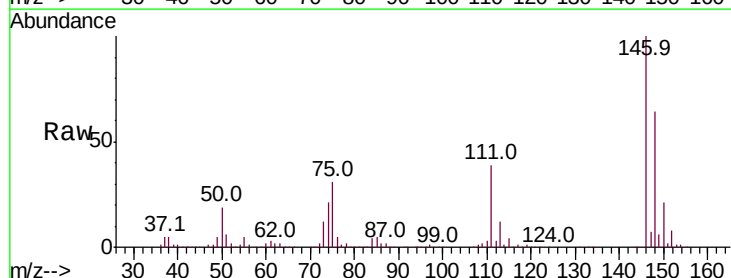
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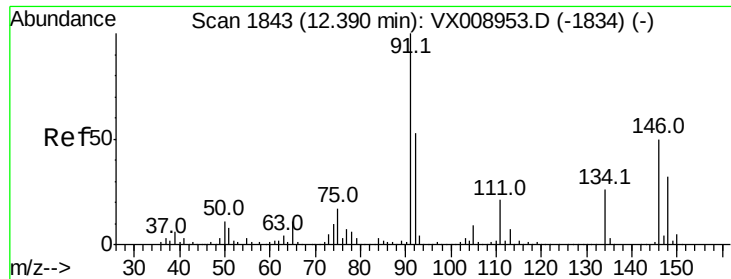
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#88
 1,4-Dichlorobenzene
 Concen: 19.833 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	64.1	32.2	96.6





#89

n-Butylbenzene

Concen: 20.063 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Instrument :

MSVOA_X

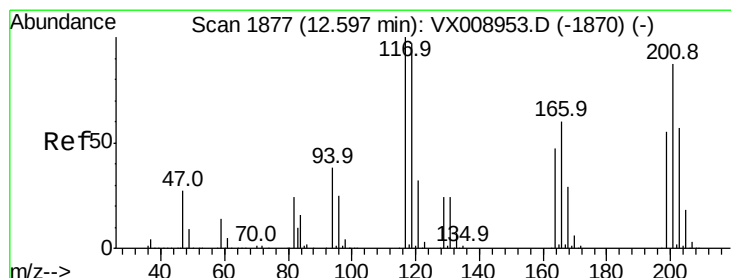
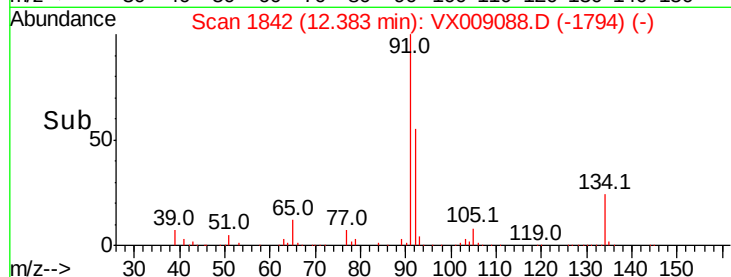
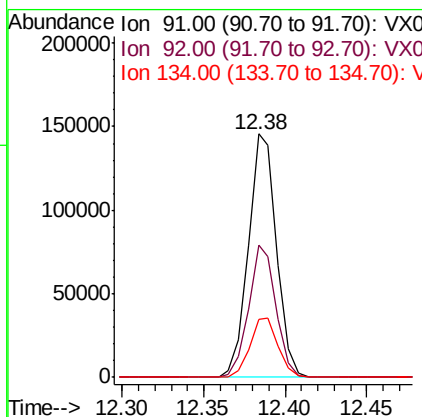
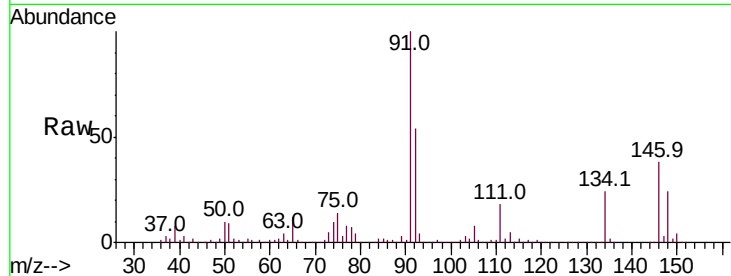
ClientSampleId :

VX0422WBS01

Tot Ion:	91	Resp:	174790
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.6	79.8
134	24.4	12.4	37.2

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#90

Hexachloroethane

Concen: 20.678 ug/l

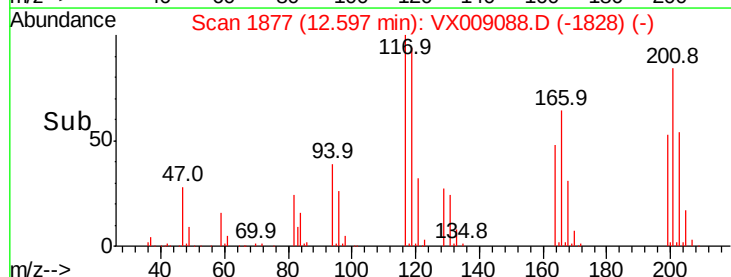
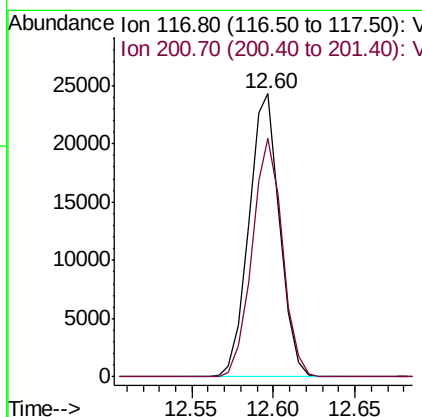
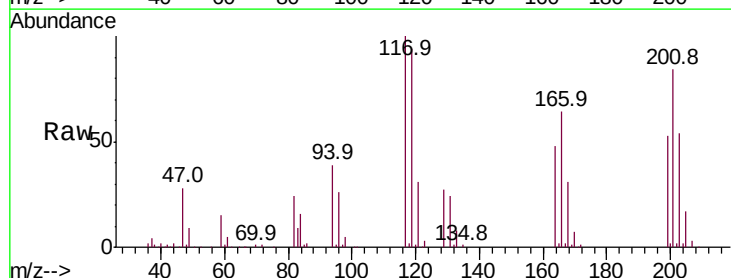
RT: 12.60 min Scan# 1877

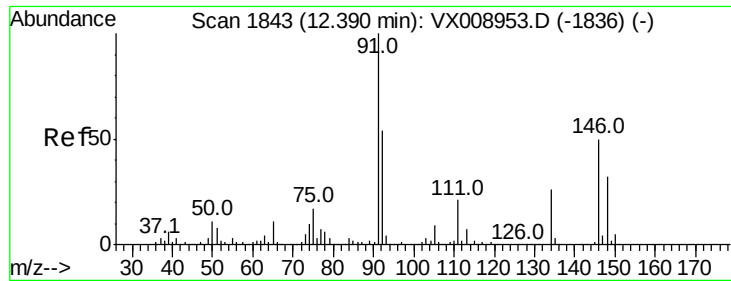
Delta R.T. -0.00 min

Lab File: VX009088.D

Acq: 22 Apr 2019 11:42

Tgt Ion:	117	Resp:	31908
Ion Ratio	Lower	Upper	
117	100		
201	82.9	43.0	129.0





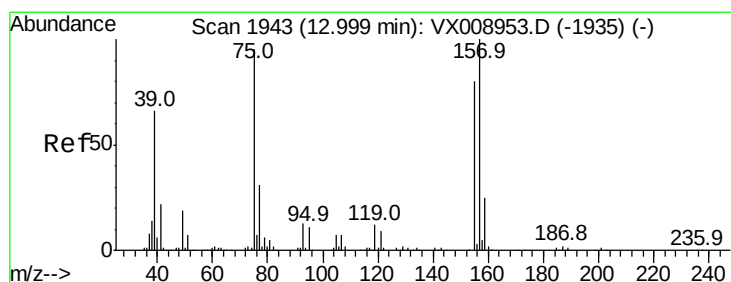
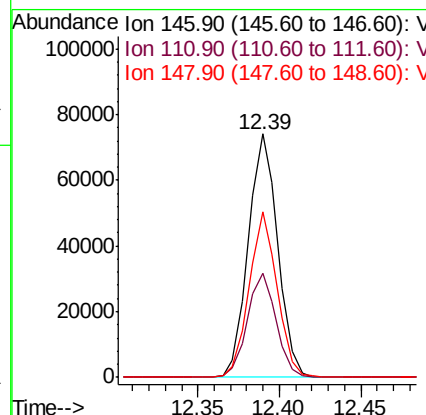
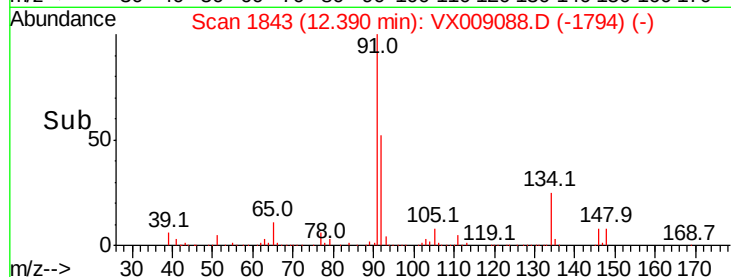
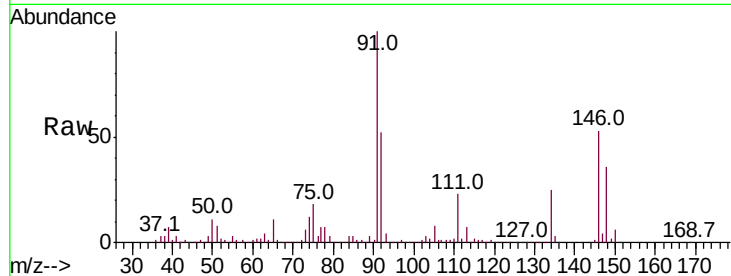
#91
 1,2-Dichlorobenzene
 Concen: 20.177 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.9
148	64.7	32.0	96.2

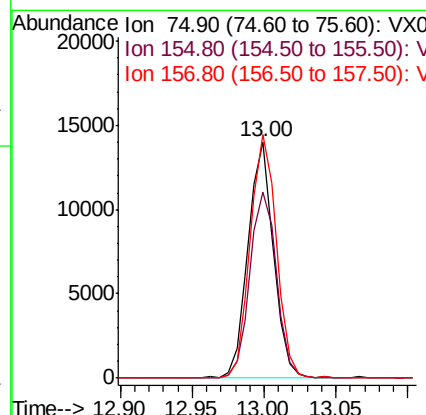
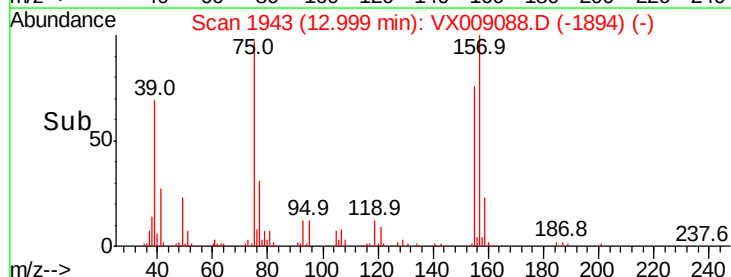
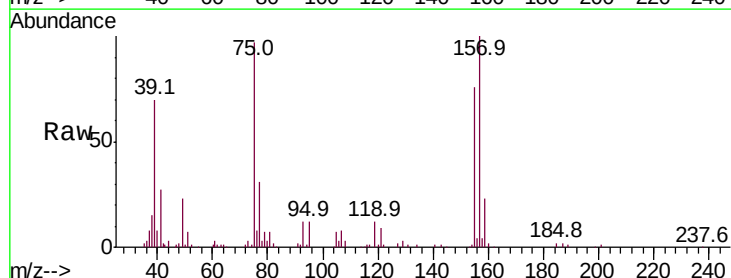
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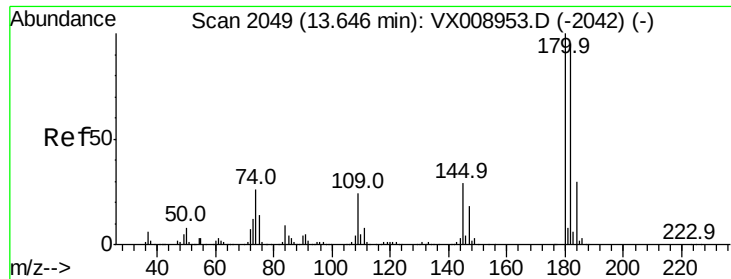
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.441 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	41.2	123.6
157	105.2	52.5	157.6





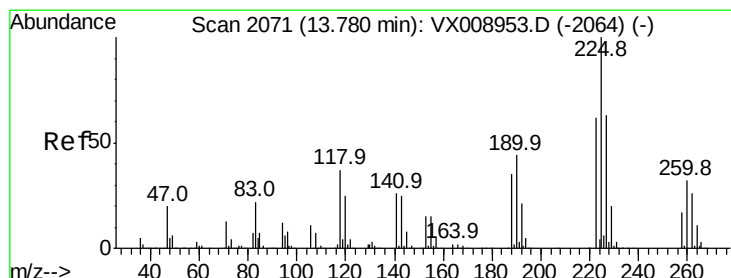
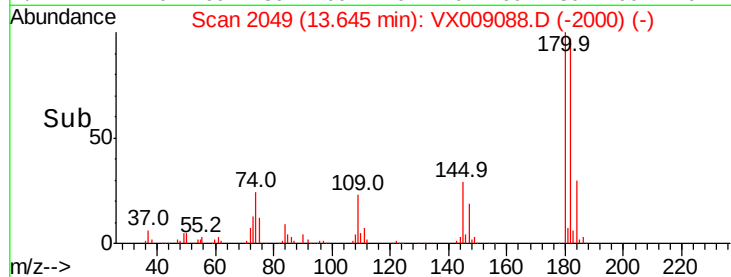
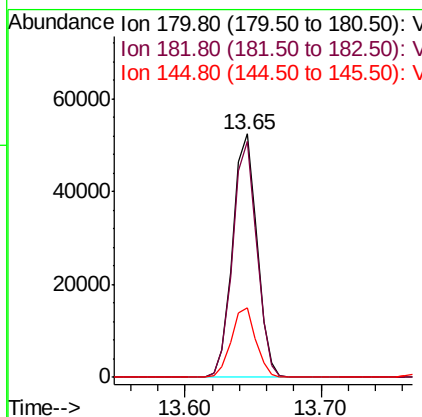
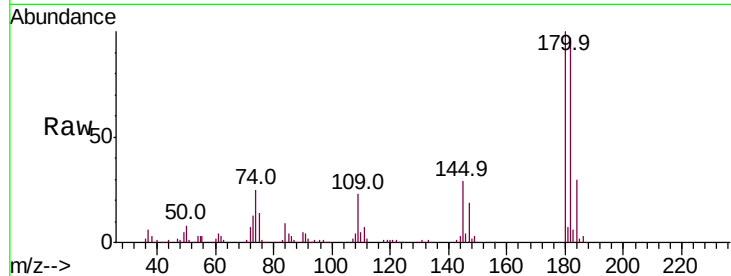
#93
 1,2,4-Trichlorobenzene
 Concen: 19.656 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.6	142.9	
145	28.9	14.8	44.4	

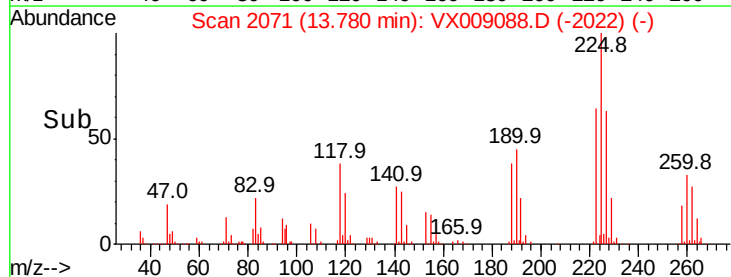
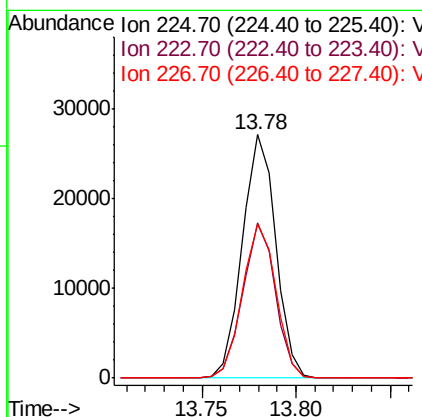
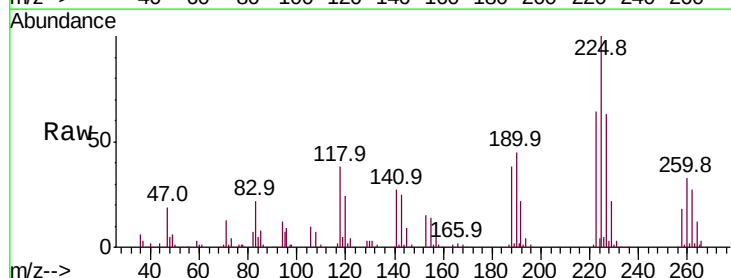
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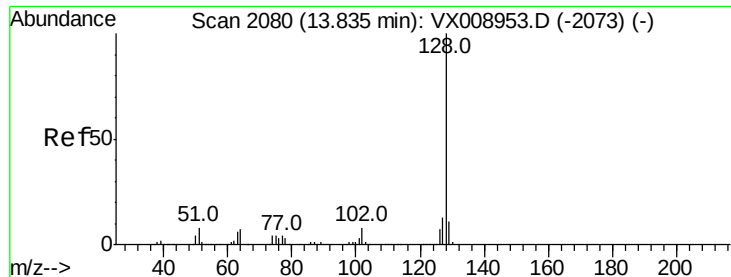
MMDadoda
 4/23/2019 10:30:47 AM



#94
 Hexachlorobutadiene
 Concen: 20.108 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009088.D
 Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	31.1	93.2	
227	63.7	32.0	96.2	





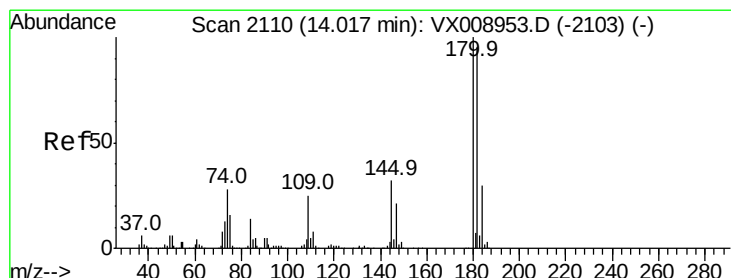
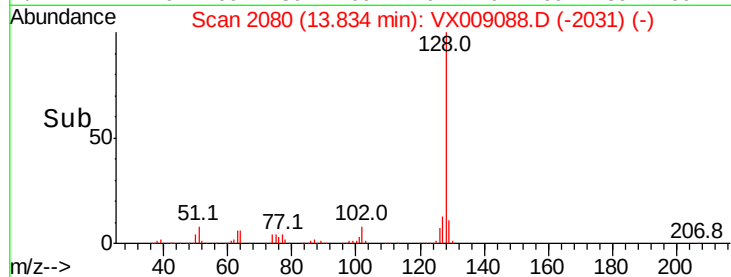
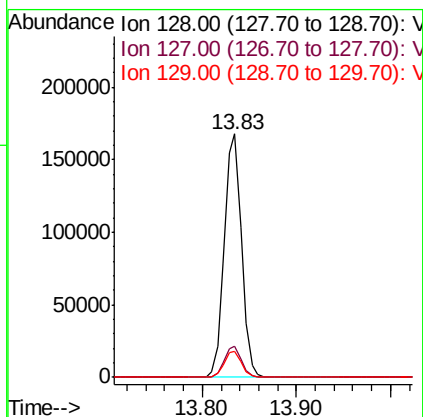
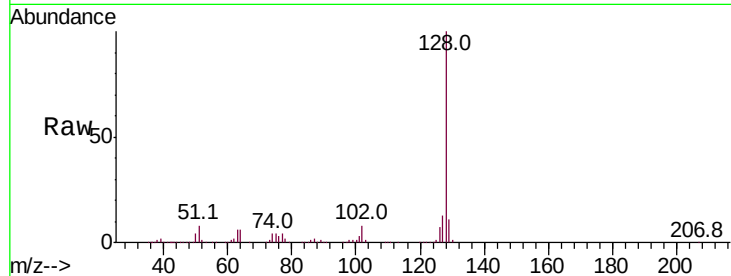
#95
Naphthalene
Concen: 19.889 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	212397		
127	12.8	10.6	16.0	
129	10.9	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
4/23/2019 10:30:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.852 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009088.D
Acq: 22 Apr 2019 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	65289		
182	96.5	47.8	143.4	
145	31.3	15.8	47.3	

