

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008460.D
 Acq On : 26 Mar 2019 17:35
 Operator : JC/SP
 Sample : VX0326WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 10:41:08 AM

Quant Time: Mar 27 03:11:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	341963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144148	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	143883	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
35) Dibromofluoromethane	5.49	113	104827	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	422583	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.13	95	154776	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40239	16.784	ug/l	99
3) Chloromethane	1.32	50	58278	18.861	ug/l	97
4) Vinyl Chloride	1.40	62	57184	17.083	ug/l	99
5) Bromomethane	1.64	94	27804	17.061	ug/l	99
6) Chloroethane	1.72	64	35645	17.975	ug/l	98
7) Trichlorofluoromethane	1.93	101	64521	17.019	ug/l	99
8) Diethyl Ether	2.18	74	31257	17.421	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40401	17.633	ug/l	99
10) Methyl Iodide	2.51	142	34356	18.267	ug/l	99
11) Tert butyl alcohol	3.04	59	63987	93.662	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40986	17.321	ug/l	96
13) Acrolein	2.29	56	36978	74.535	ug/l	96
14) Allyl chloride	2.73	41	88889	17.051	ug/l	99
15) Acrylonitrile	3.14	53	159027	88.773	ug/l	99
16) Acetone	2.44	43	134873	83.689	ug/l	99
17) Carbon Disulfide	2.57	76	120002	17.426	ug/l	99
18) Methyl Acetate	2.77	43	68306	17.647	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	155427	18.228	ug/l	99
20) Methylene Chloride	2.85	84	49881	18.562	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	43925	18.459	ug/l	99
22) Diisopropyl ether	3.85	45	184103	17.935	ug/l	100
23) Vinyl Acetate	3.81	43	806201	90.023	ug/l	99
24) 1,1-Dichloroethane	3.70	63	91883	17.730	ug/l	99
25) 2-Butanone	4.67	43	230041	89.036	ug/l	99
26) 2,2-Dichloropropane	4.58	77	51460	14.930	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	51796	17.901	ug/l	96
28) Bromochloromethane	5.01	49	47772	18.659	ug/l	99
29) Tetrahydrofuran	5.13	42	153031	89.868	ug/l	99
30) Chloroform	5.21	83	83623	17.880	ug/l	98
31) Cyclohexane	5.57	56	86515	17.504	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	65255	17.456	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64083	17.576	ug/l	98
37) Ethyl Acetate	4.83	43	87014	18.422	ug/l	98
38) Carbon Tetrachloride	5.78	117	53599	17.615	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77849	17.866	ug/l	97
40) Benzene	6.14	78	201197	18.432	ug/l	99
41) Methacrylonitrile	5.04	41	47621	17.940	ug/l	96
42) 1,2-Dichloroethane	6.19	62	71000	17.766	ug/l	99
43) Isopropyl Acetate	6.44	43	137573	18.209	ug/l	100
44) Trichloroethene	7.21	130	45293	17.672	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57017	18.377	ug/l	99
46) Dibromomethane	7.66	93	31987	17.655	ug/l	99
47) Bromodichloromethane	7.90	83	61611	17.766	ug/l	99
48) Methyl methacrylate	7.77	41	69164	18.296	ug/l	99
49) 1,4-Dioxane	7.74	88	28756	382.570	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	453427	92.402	ug/l	100
52) Toluene	8.78	92	126870	19.439	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64177	16.896	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	74487	17.245	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49225	18.528	ug/l	98
56) Ethyl methacrylate	9.18	69	87749	18.297	ug/l	100
57) 1,3-Dichloropropane	9.37	76	85959	18.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	222891	89.912	ug/l	99
59) 2-Hexanone	9.49	43	351960	92.564	ug/l	99
60) Dibromochloromethane	9.58	129	43800	17.335	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48813	18.003	ug/l	99
64) Tetrachloroethene	9.33	164	38532	18.531	ug/l	96
65) Chlorobenzene	10.14	112	120409	18.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	41048	17.813	ug/l	98
67) Ethyl Benzene	10.25	91	229396	18.198	ug/l	99
68) m/p-Xylenes	10.36	106	169852	37.037	ug/l	99
69) o-Xylene	10.70	106	82625	18.566	ug/l	100
70) Styrene	10.71	104	140497	18.276	ug/l	100
71) Bromoform	10.85	173	30857	16.956	ug/l #	99
73) Isopropylbenzene	11.02	105	216383	18.451	ug/l	100
74) N-amyl acetate	10.90	43	122570	18.057	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80767	17.751	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67470m	15.744	ug/l	
77) Bromobenzene	11.26	156	51103	17.955	ug/l	98
78) n-propylbenzene	11.36	91	255059	18.567	ug/l	100
79) 2-Chlorotoluene	11.42	91	151981	18.189	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	182990	18.457	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20688	15.462	ug/l	89
82) 4-Chlorotoluene	11.51	91	172144	17.860	ug/l	99
83) tert-Butylbenzene	11.77	119	174654	18.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	186012	18.549	ug/l	99
85) sec-Butylbenzene	11.94	105	210826	18.508	ug/l	99
86) p-Isopropyltoluene	12.06	119	189007	18.804	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	89775	17.654	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	90923	17.716	ug/l	99
89) n-Butylbenzene	12.38	91	170332	17.889	ug/l	100
90) Hexachloroethane	12.60	117	28976	17.304	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	92245	18.114	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18050	18.193	ug/l	98

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ClientSampleId :
VX0326WBSD01

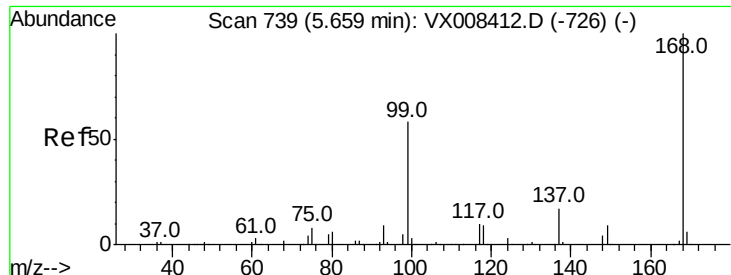
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62035	18.093	ug/l	99
94) Hexachlorobutadiene	13.78	225	29599	18.181	ug/l	99
95) Naphthalene	13.83	128	230200	19.584	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66143	19.198	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion:168 Resp: 203393

Ion Ratio Lower Upper

168 100

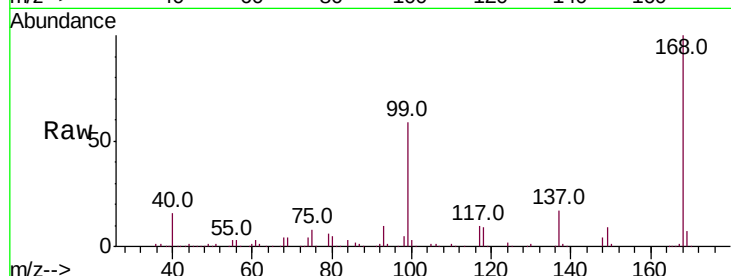
99 58.8 46.0 69.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

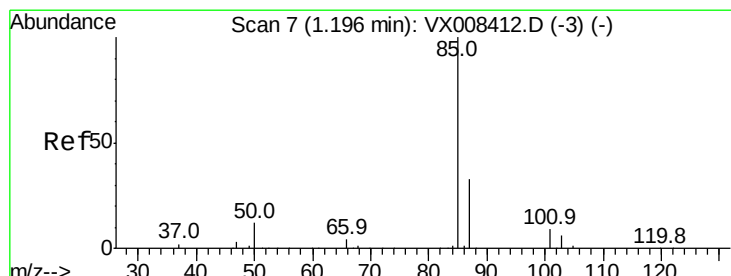
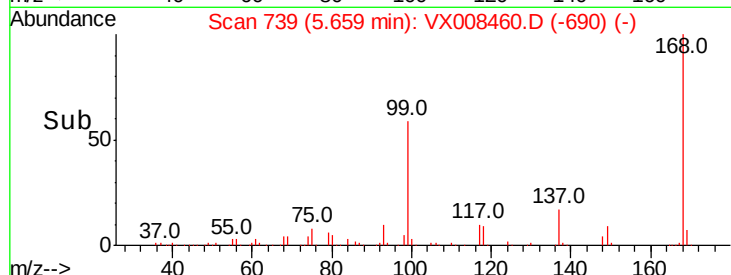
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.784 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008460.D

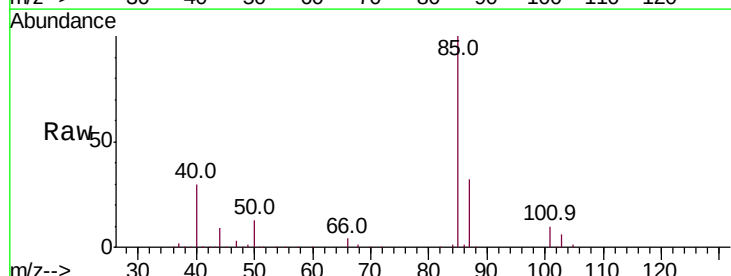
Acq: 26 Mar 2019 17:35

Tgt Ion: 85 Resp: 40239

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

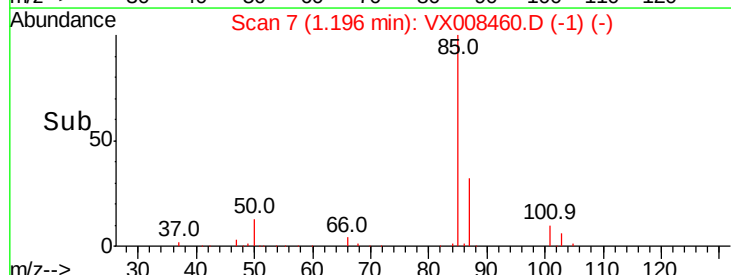
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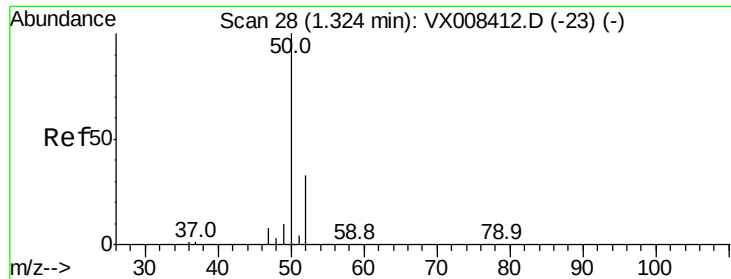
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.861 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion: 50 Resp: 58278

Ion Ratio Lower Upper

50 100

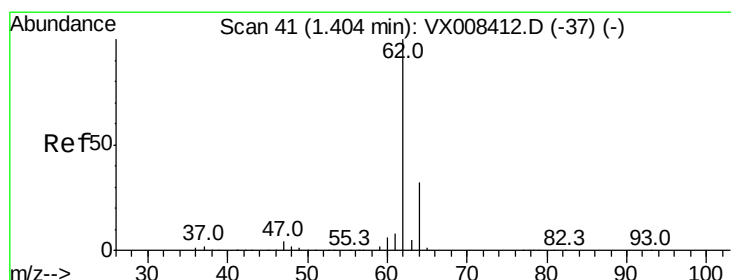
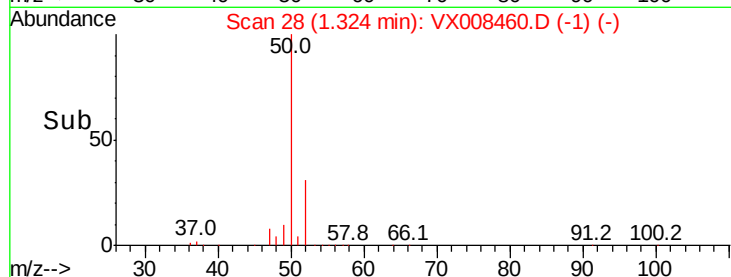
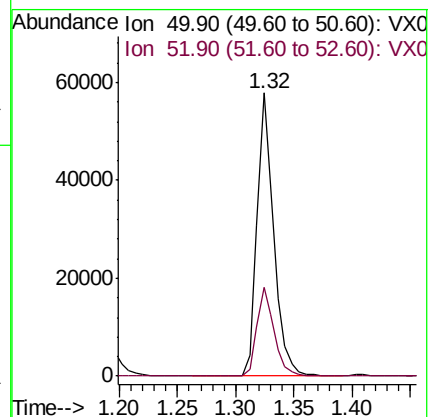
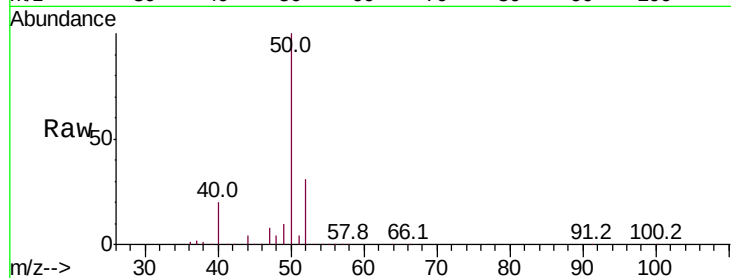
52 31.3 26.2 39.2

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#4

Vinyl Chloride

Concen: 17.083 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008460.D

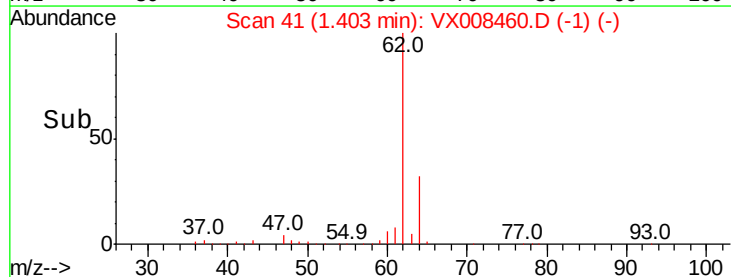
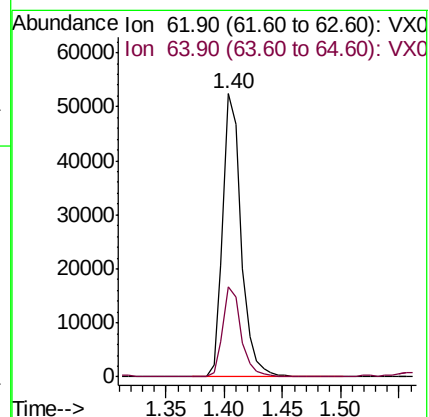
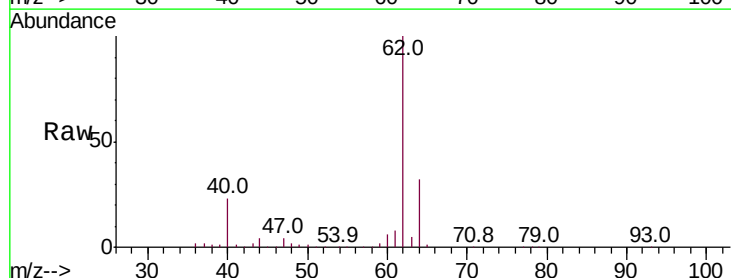
Acq: 26 Mar 2019 17:35

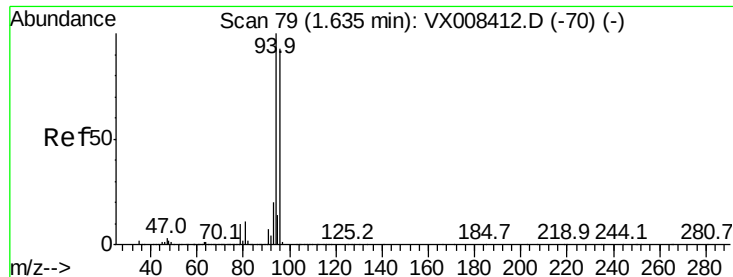
Tgt Ion: 62 Resp: 57184

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 17.061 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampled :

VX0326WBSD01

Tot Ion: 94 Resp: 27804

Ion Ratio Lower Upper

94 100

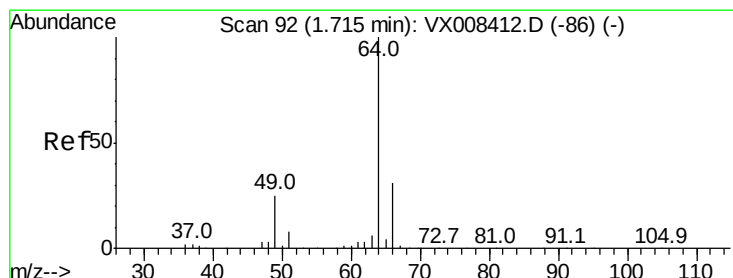
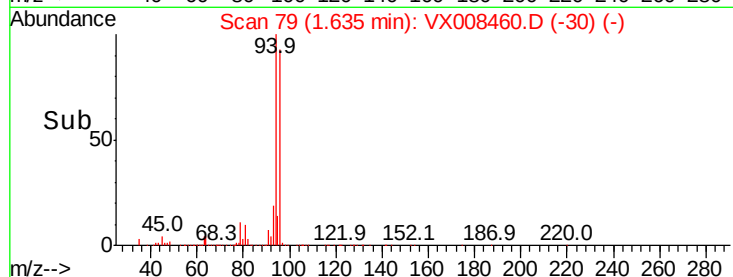
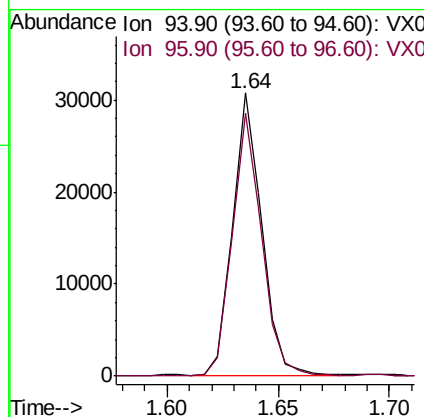
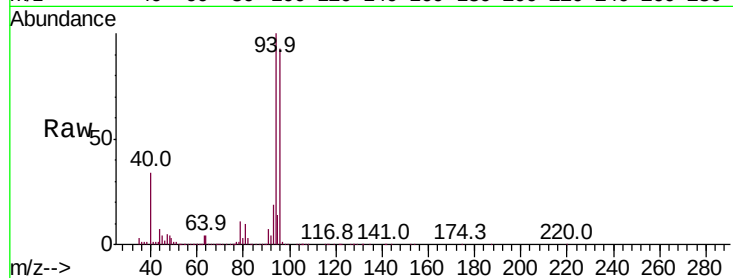
96 92.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.975 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008460.D

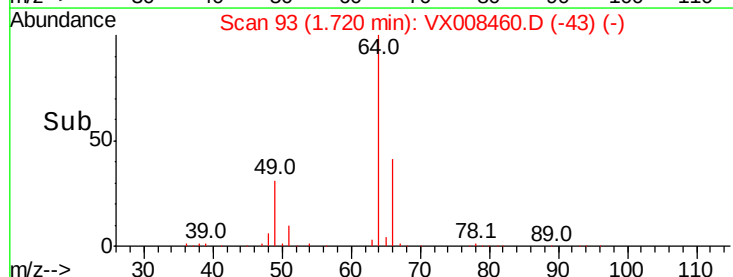
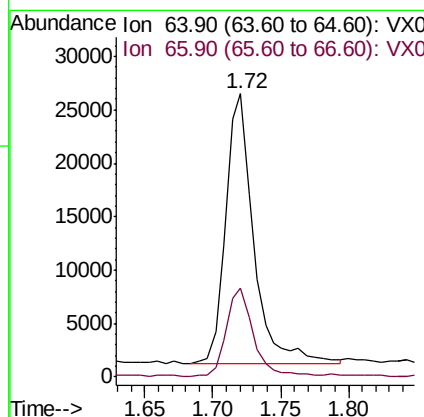
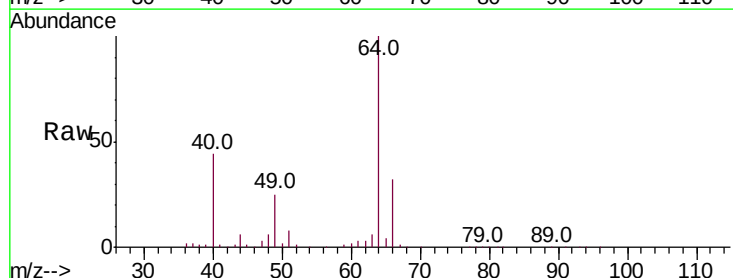
Acq: 26 Mar 2019 17:35

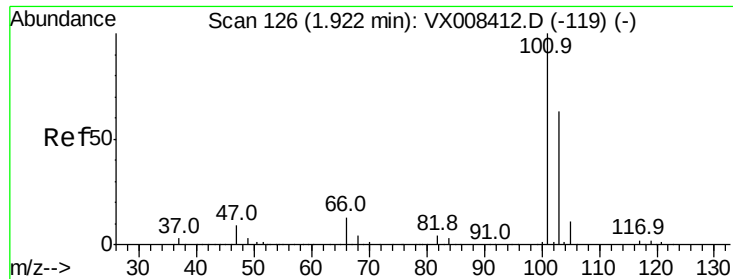
Tgt Ion: 64 Resp: 35645

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7





#7

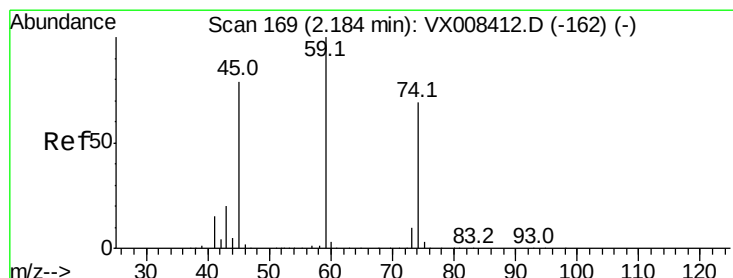
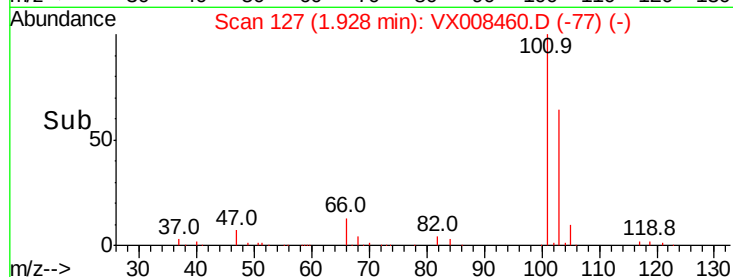
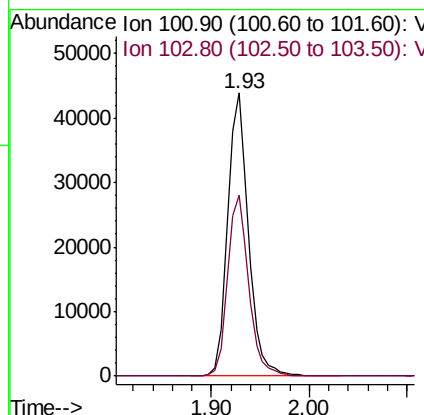
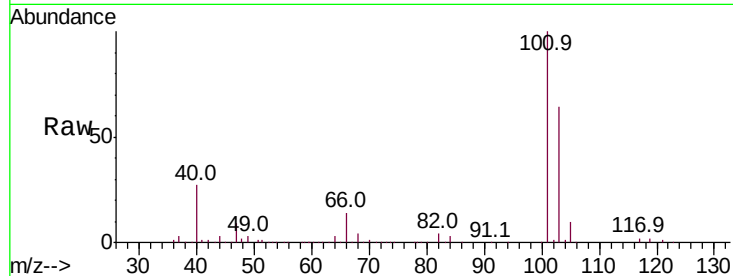
Trichlorofluoromethane
Concen: 17.019 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion:101 Resp: 64521
Ion Ratio Lower Upper
101 100
103 63.7 50.2 75.4

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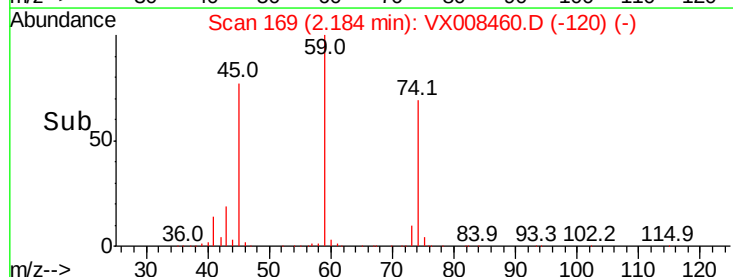
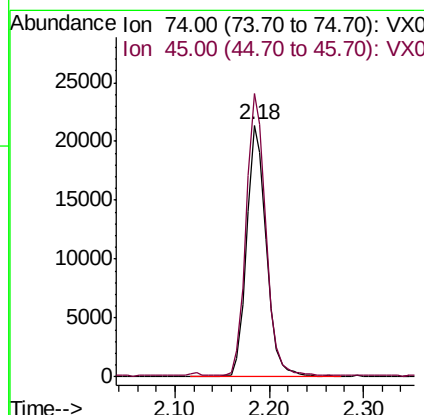
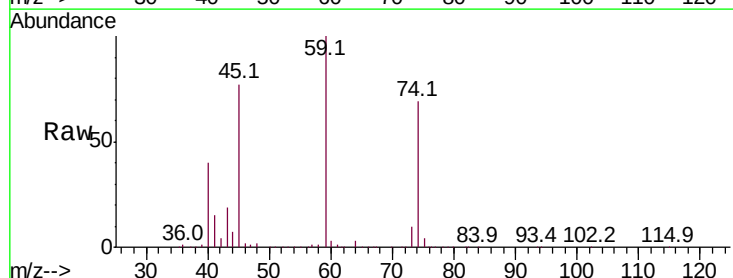
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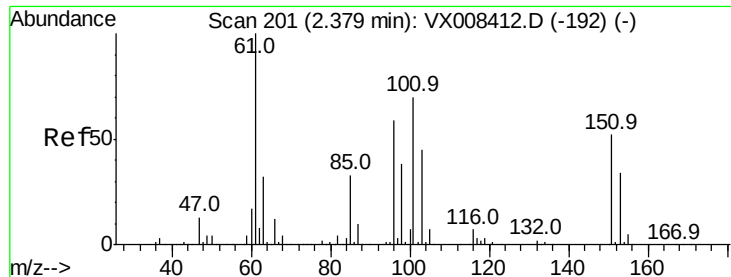


#8

Diethyl Ether
Concen: 17.421 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 74 Resp: 31257
Ion Ratio Lower Upper
74 100
45 111.5 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.633 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

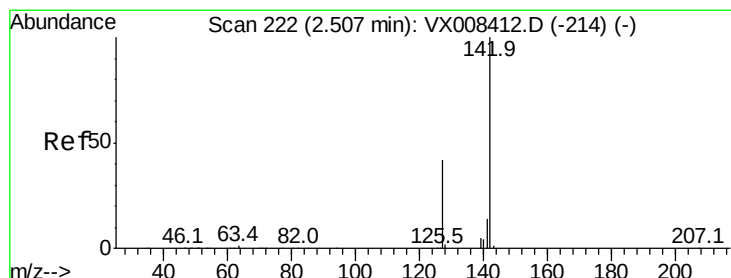
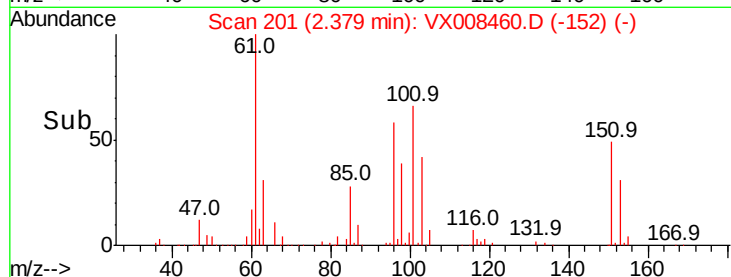
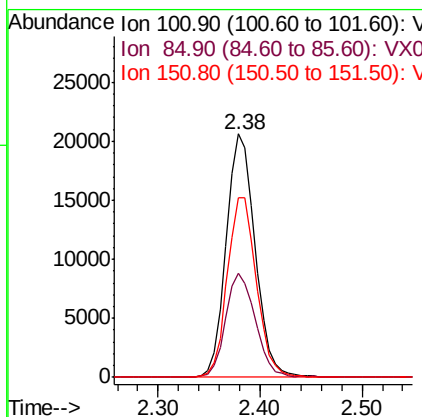
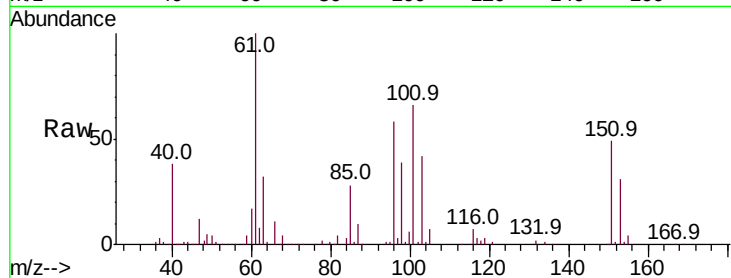
ClientSampleId :

VX0326WBSD01

Tot Ion:	101	Resp:	40401
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.0	54.0
151	74.4	59.2	88.8

Manual Integrations
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#10

Methyl Iodide

Concen: 18.267 ug/l

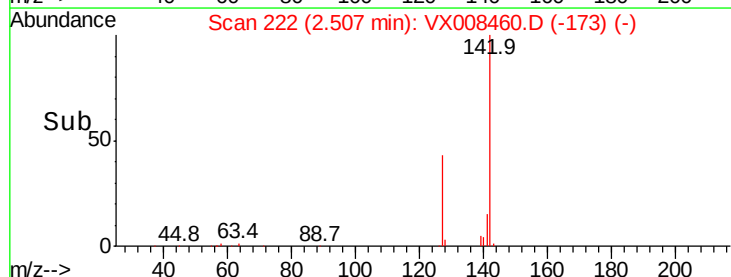
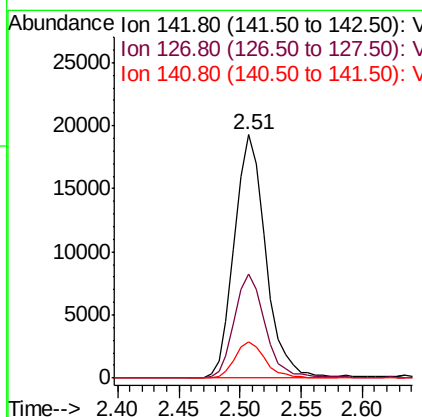
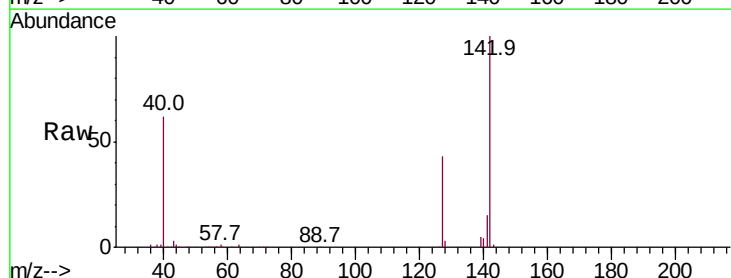
RT: 2.51 min Scan# 222

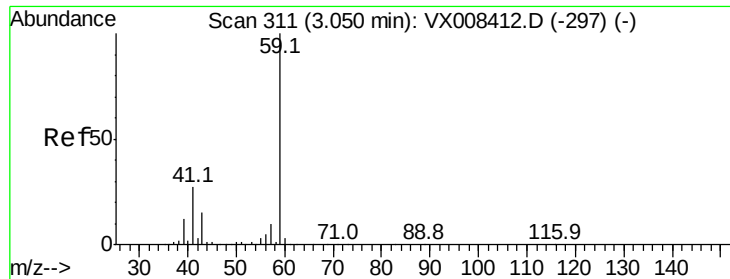
Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Tgt Ion:	142	Resp:	34356
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.6	50.4
141	14.4	11.3	16.9





#11

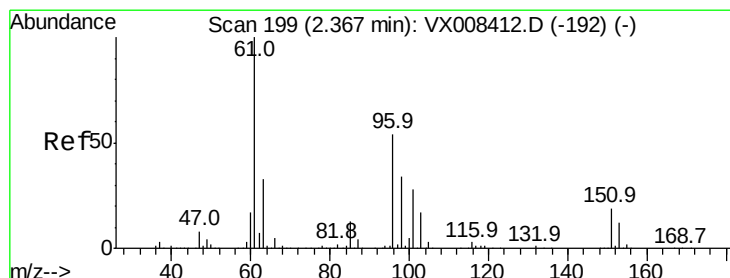
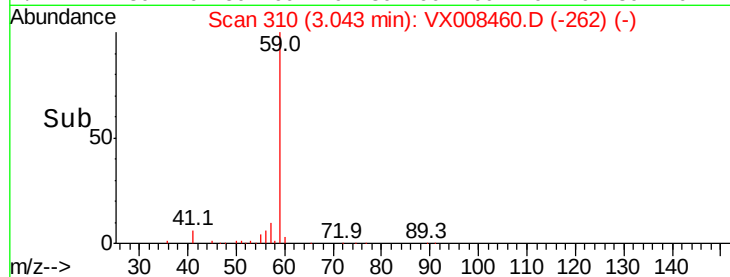
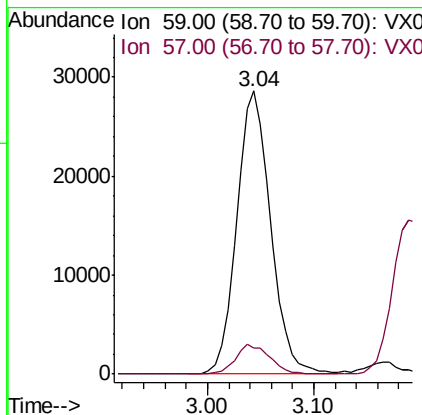
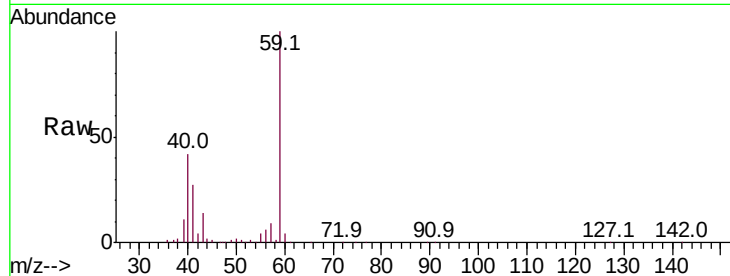
Tert butyl alcohol
Concen: 93.662 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 59 Resp: 63987
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

Manual Integrations
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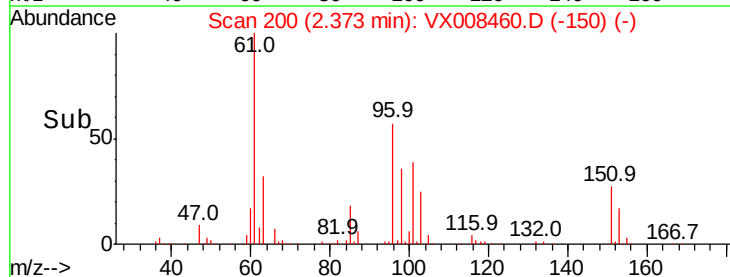
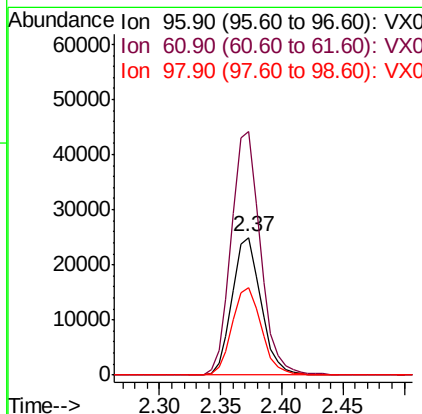
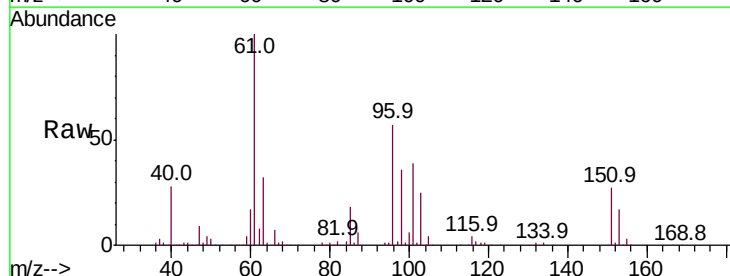
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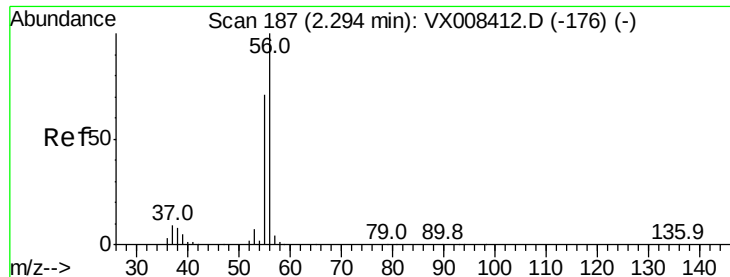


#12

1,1-Dichloroethene
Concen: 17.321 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 96 Resp: 40986
Ion Ratio Lower Upper
96 100
61 176.5 146.9 220.3
98 63.6 50.1 75.1





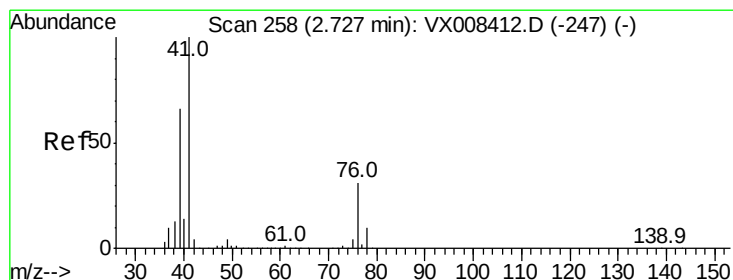
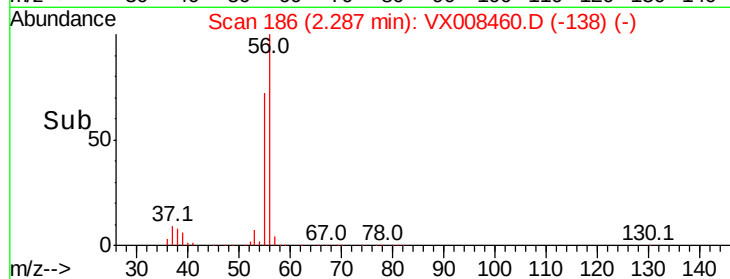
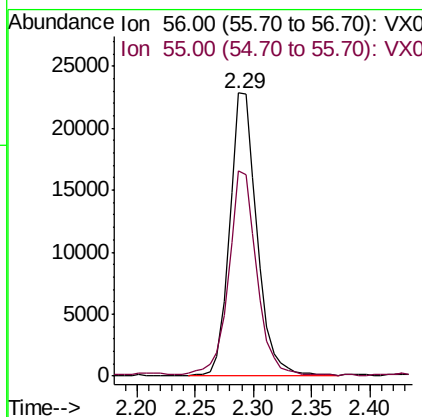
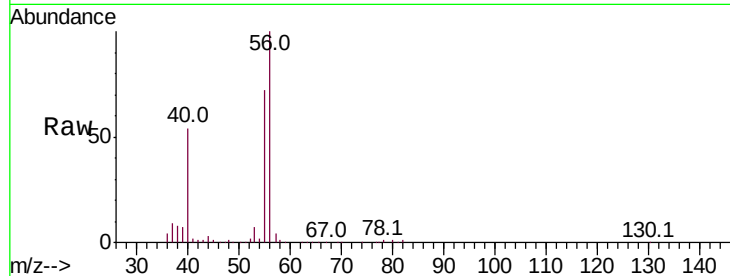
#13
Acrolein
Concen: 74.535 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 56 Resp: 36978
Ion Ratio Lower Upper
56 100
55 74.1 56.5 84.7

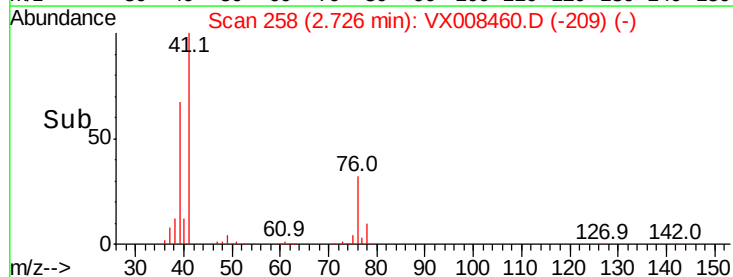
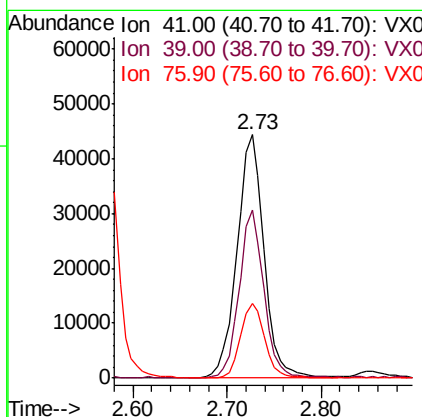
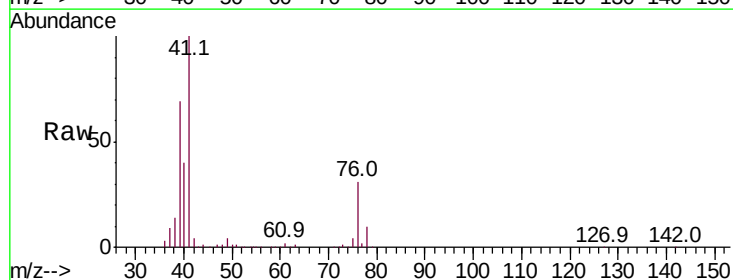
Manual Integrations
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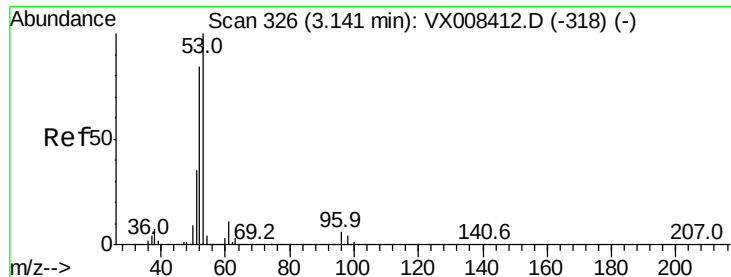
MMDadoda
3/27/2019 10:41:08 AM



#14
Allyl chloride
Concen: 17.051 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 41 Resp: 88889
Ion Ratio Lower Upper
41 100
39 62.6 49.6 74.4
76 27.7 22.6 34.0





#15

Acrylonitrile

Concen: 88.773 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

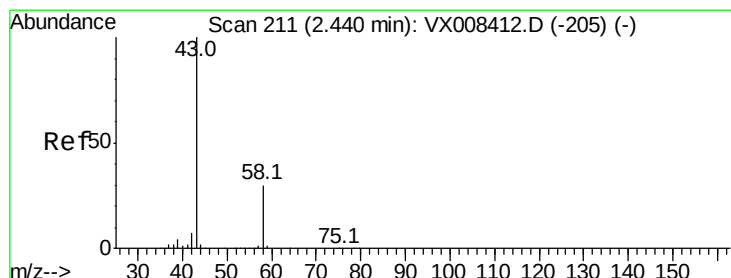
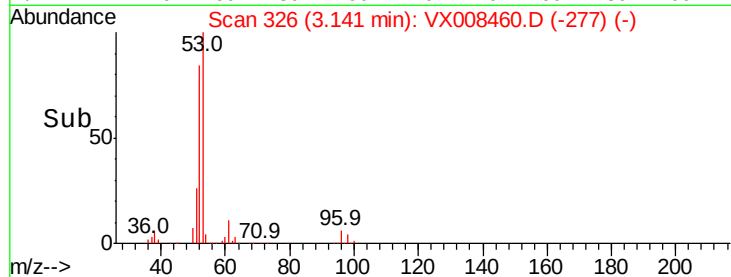
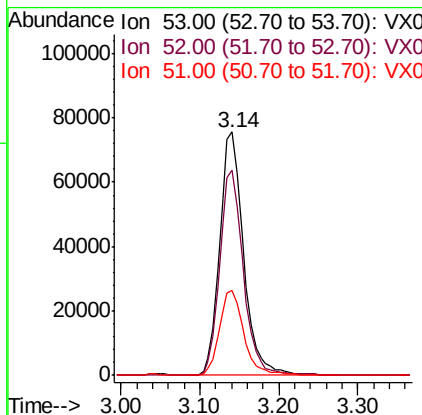
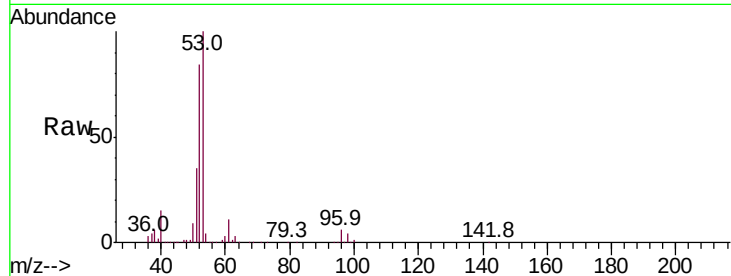
ClientSampleId :

VX0326WBSD01

Tot Ion:	53	Resp:	159027
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.5	99.7
51	35.8	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 83.689 ug/l

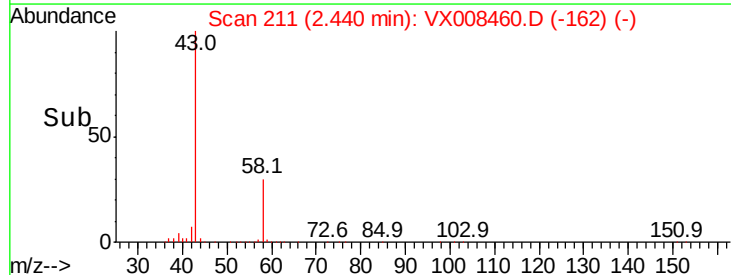
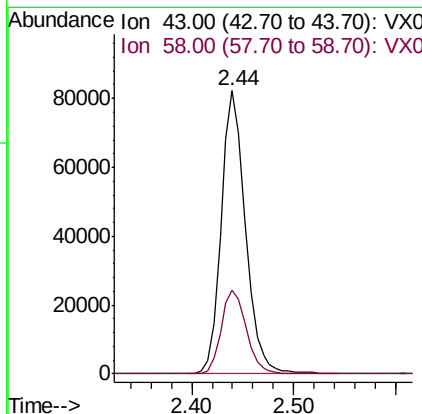
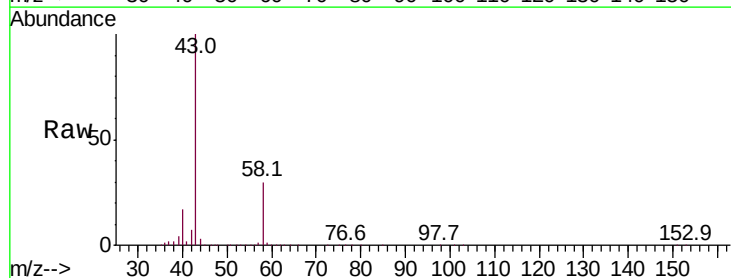
RT: 2.44 min Scan# 211

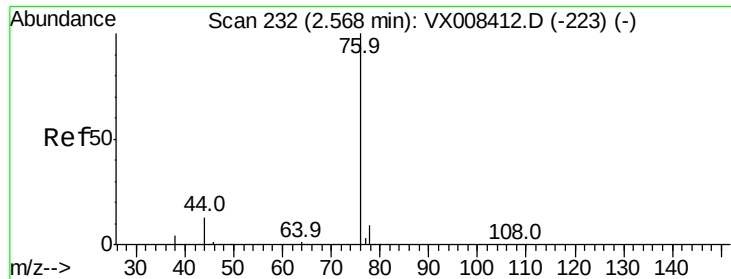
Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Tgt Ion:	43	Resp:	134873
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.2	36.2





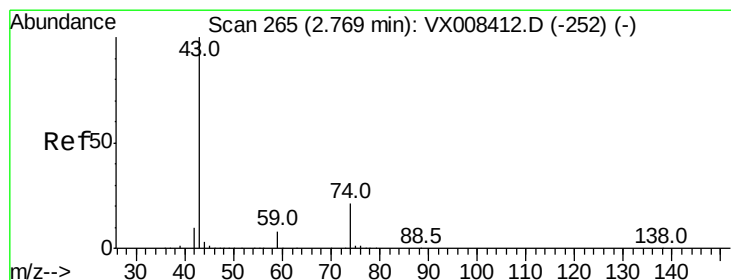
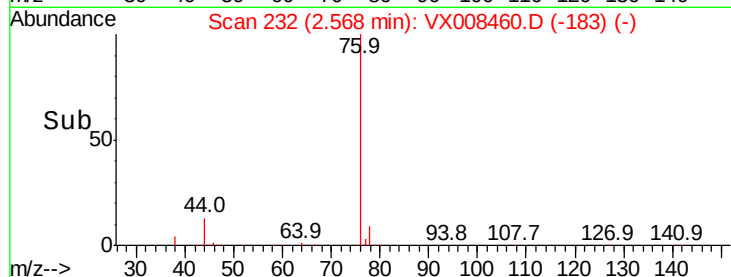
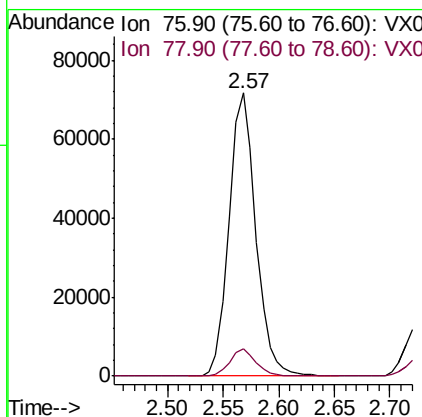
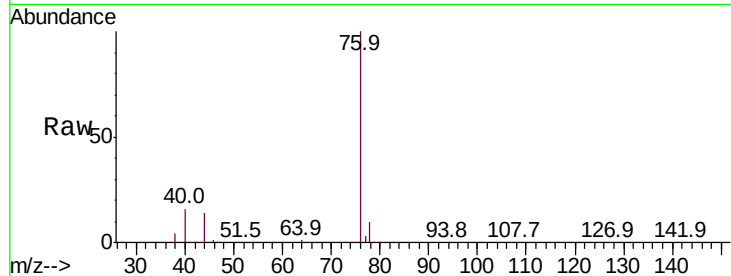
#17
Carbon Disulfide
Concen: 17.426 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

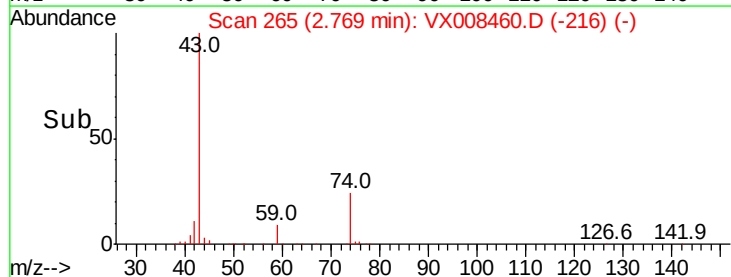
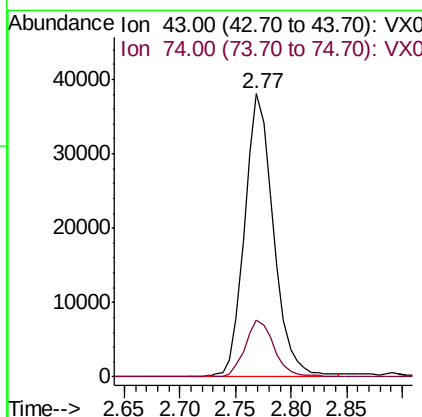
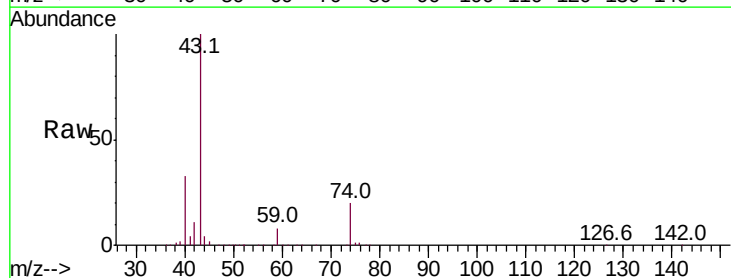
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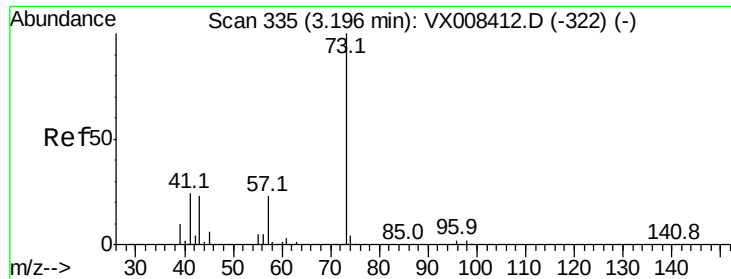
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#18
Methyl Acetate
Concen: 17.647 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1





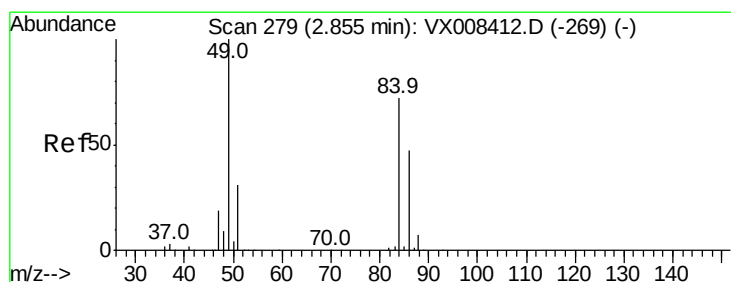
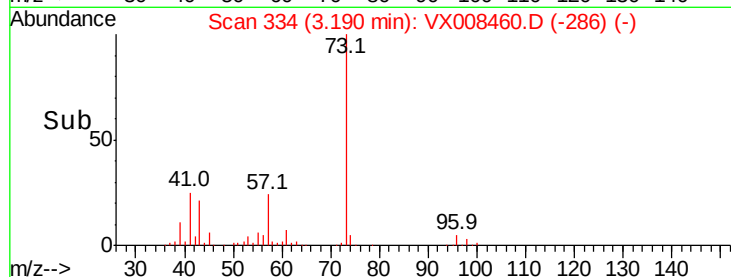
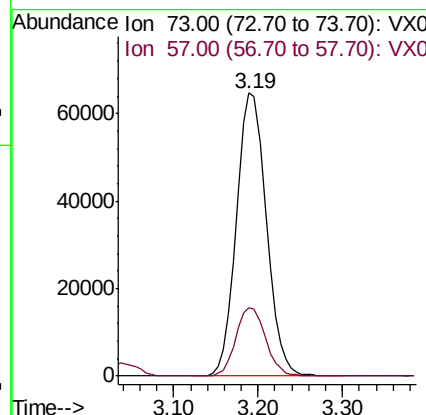
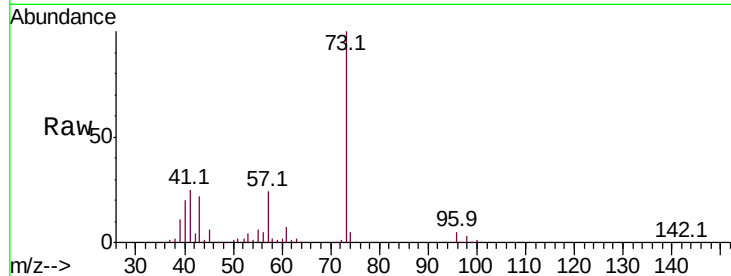
#19
Methvl tert-butyl Ether
Concen: 18.228 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 73 Resp: 155427
Ion Ratio Lower Upper
73 100
57 23.9 18.6 28.0

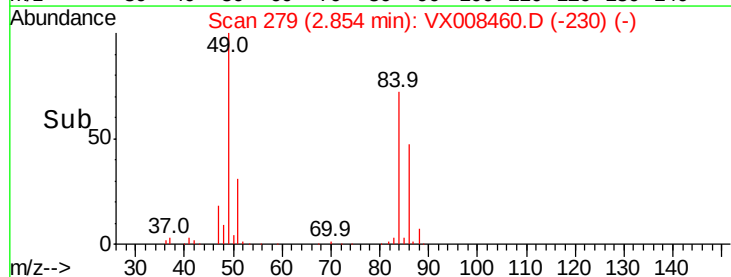
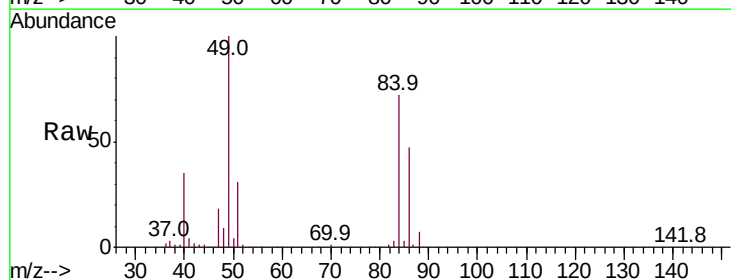
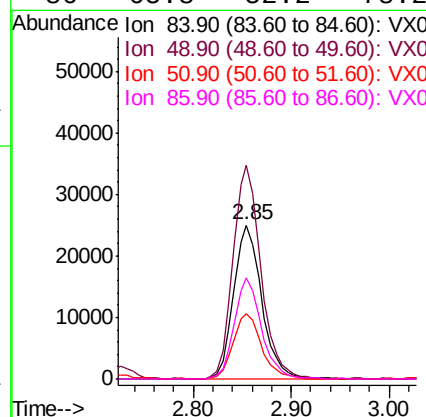
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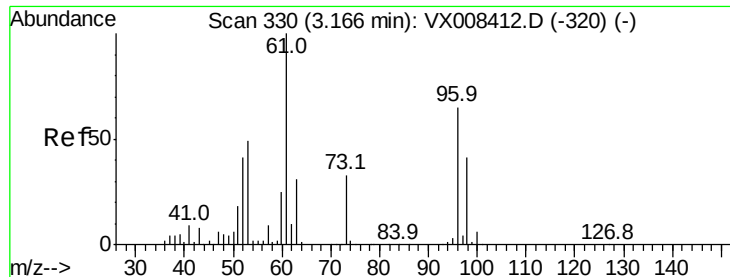
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#20
Methylene Chloride
Concen: 18.562 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 84 Resp: 49881
Ion Ratio Lower Upper
84 100
49 138.4 110.6 165.8
51 42.2 33.9 50.9
86 65.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.459 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion: 96 Resp: 43925

Ion Ratio Lower Upper

96 100

61 152.5 122.6 184.0

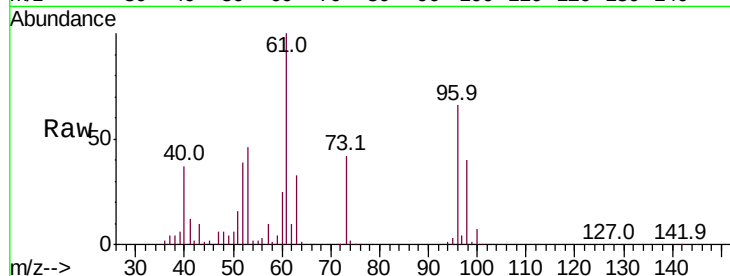
98 61.4 50.9 76.3

Manual Integrations

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MMDadoda

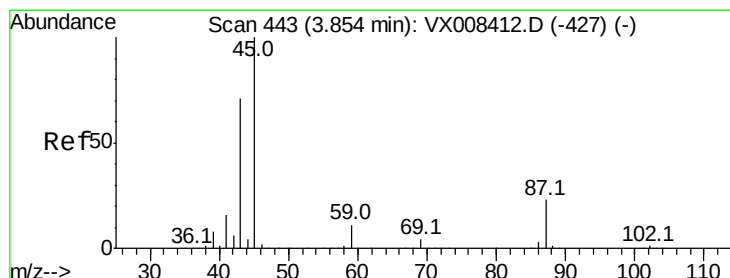
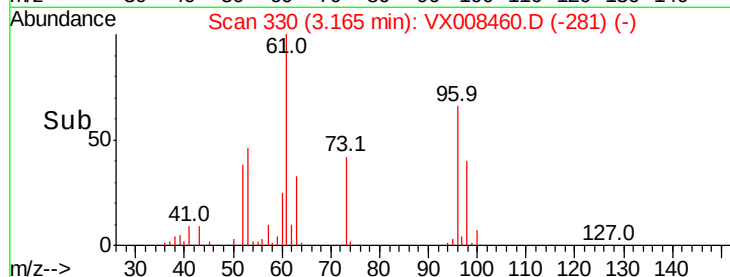
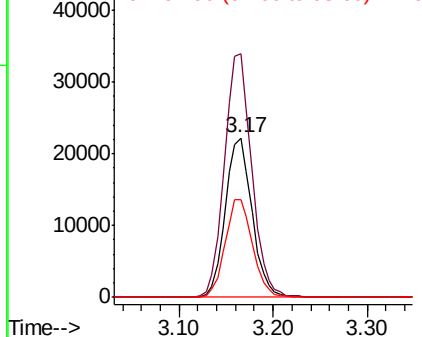
3/27/2019 10:41:08 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.935 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Tgt Ion: 45 Resp: 184103

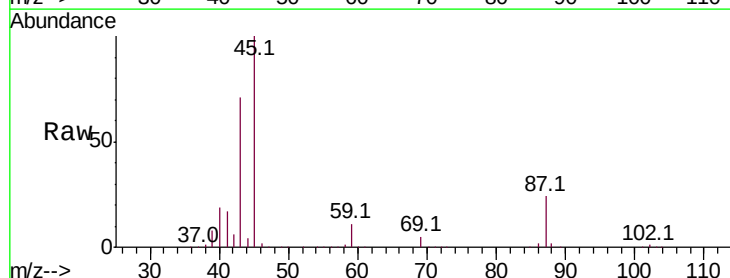
Ion Ratio Lower Upper

45 100

43 71.3 57.1 85.7

87 24.0 18.8 28.2

59 11.0 8.7 13.1

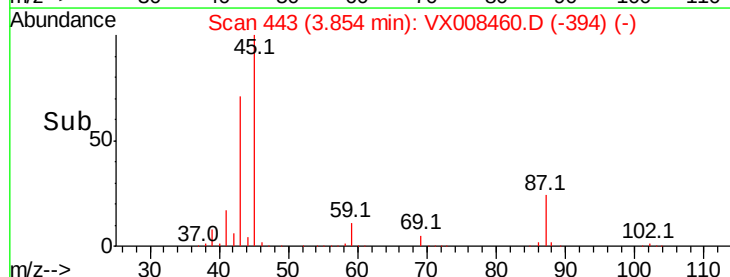
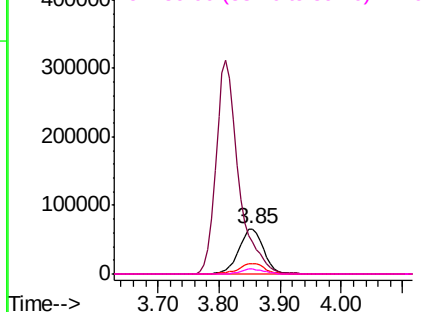


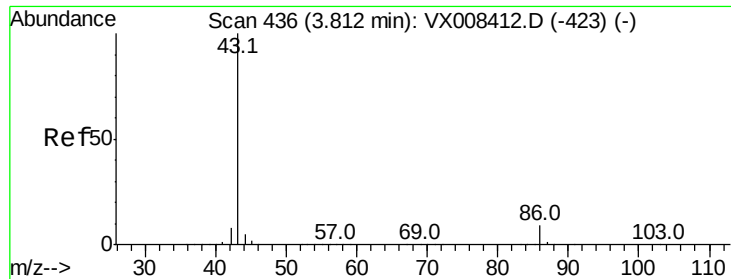
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.023 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampled :

VX0326WBSD01

Tot Ion: 43 Resp: 806201

Ion Ratio Lower Upper

43 100

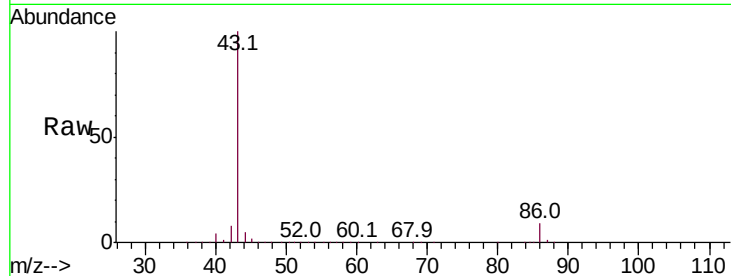
86 9.1 6.9 10.3

Manual Integrations

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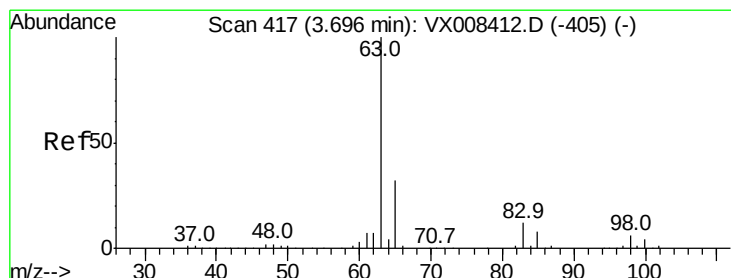
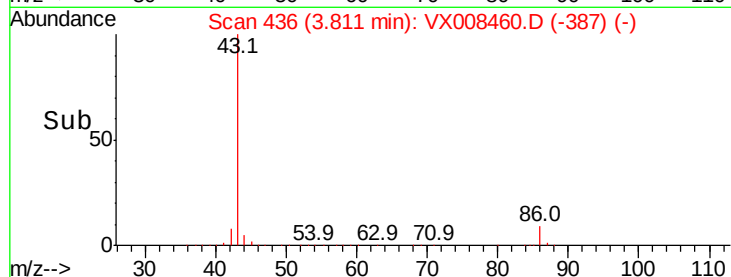
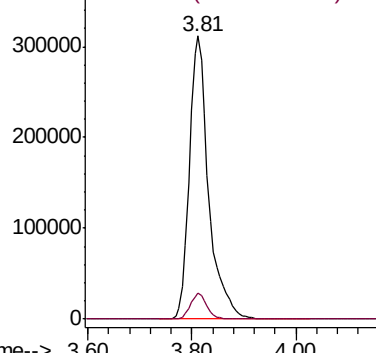
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.730 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

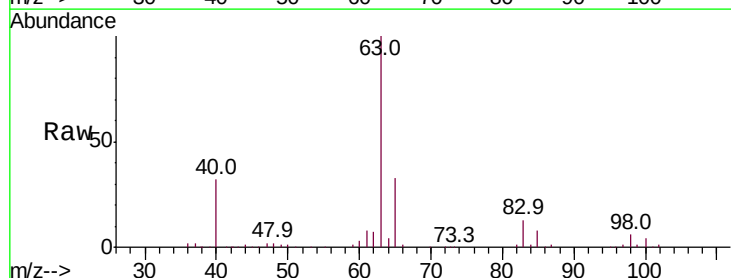
Tgt Ion: 63 Resp: 91883

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

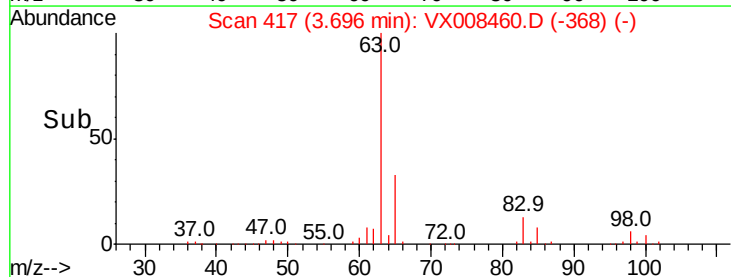
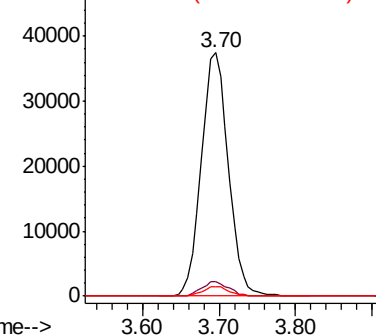
100 4.0 2.0 5.8

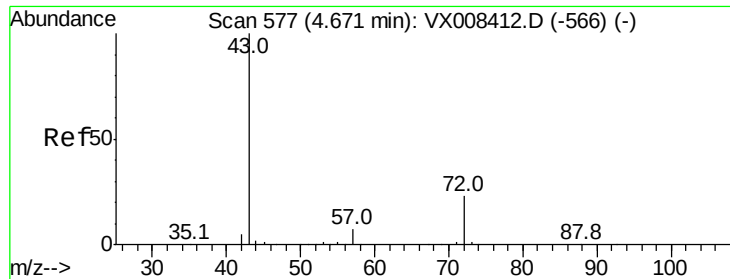


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.036 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion: 43 Resp: 230041

Ion Ratio Lower Upper

43 100

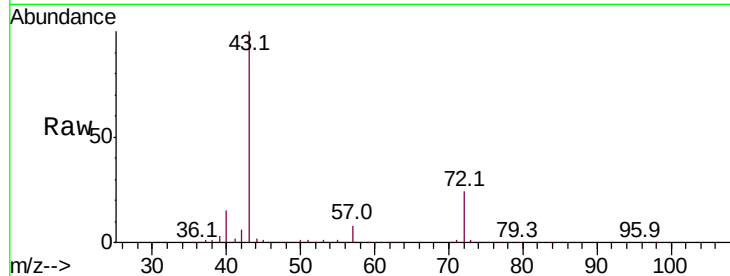
72 23.7 18.6 28.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

80000

60000

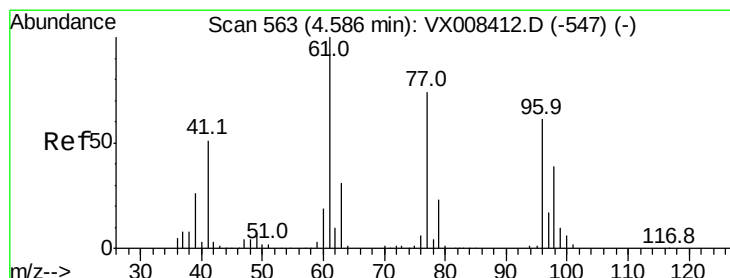
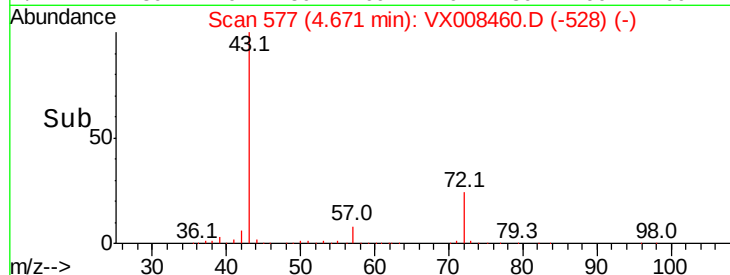
40000

20000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 14.930 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008460.D

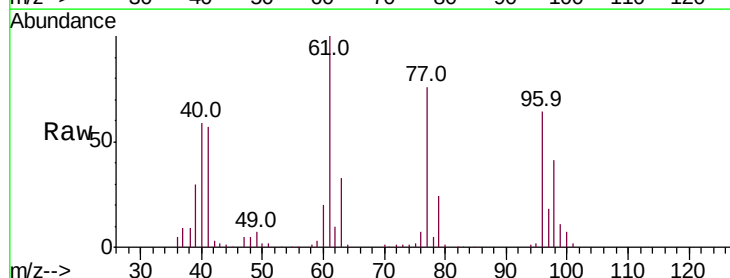
Acq: 26 Mar 2019 17:35

Tgt Ion: 77 Resp: 51460

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

20000

15000

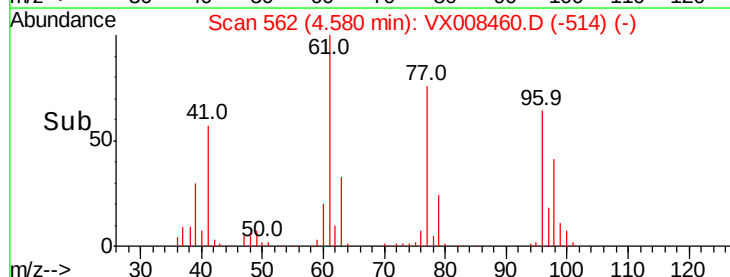
10000

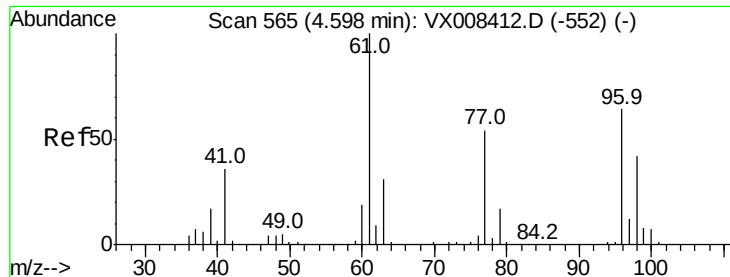
5000

0

Time-->

4.50 4.60 4.70





#27

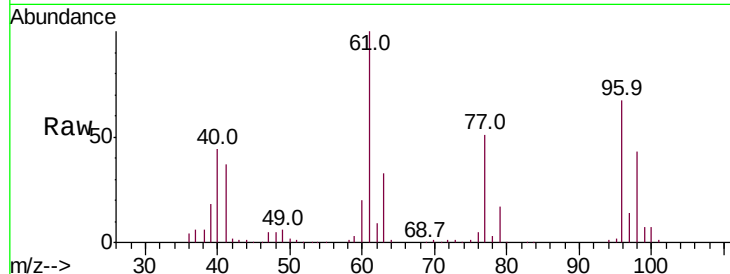
cis-1,2-Dichloroethene
Concen: 17.901 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.9	0.0	325.6
98	64.6	0.0	130.0

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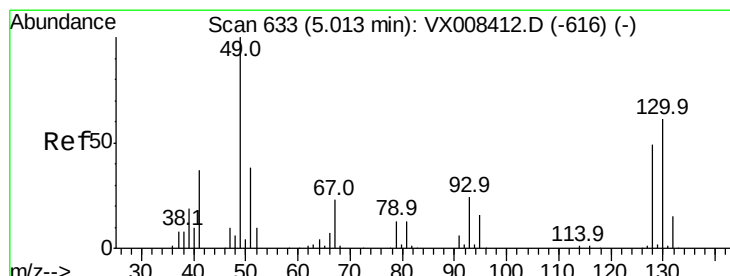
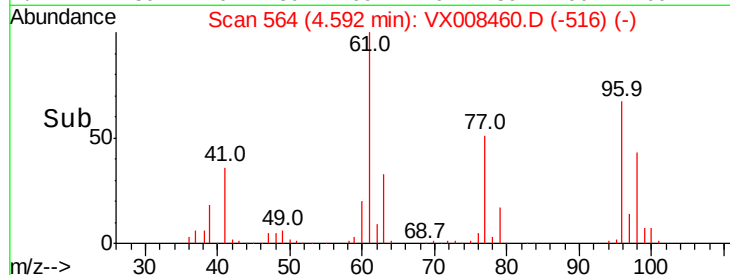
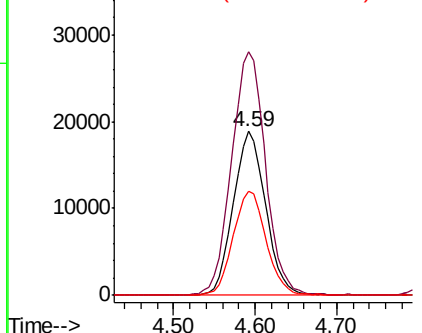


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

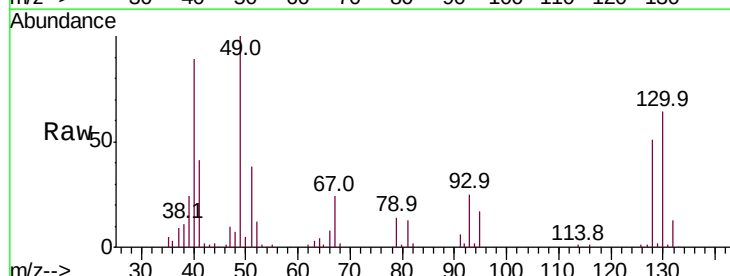
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 18.659 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	61.4	49.8	74.6

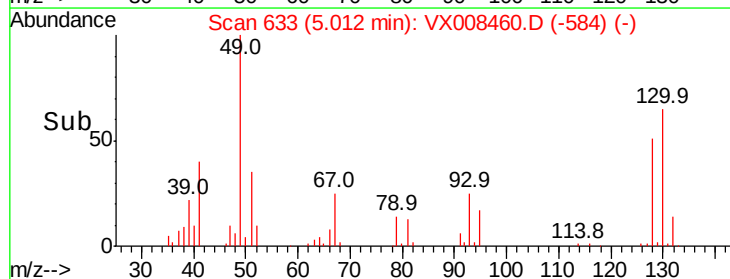
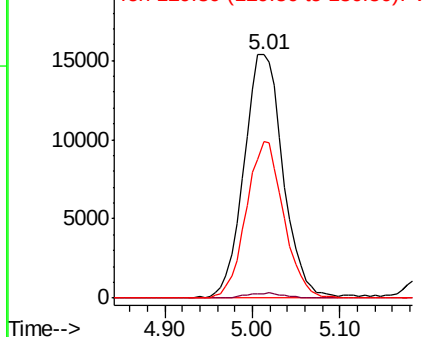


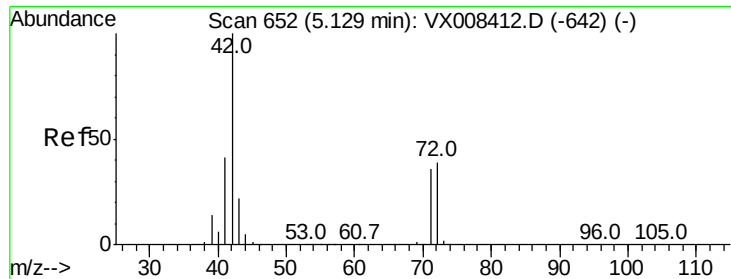
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





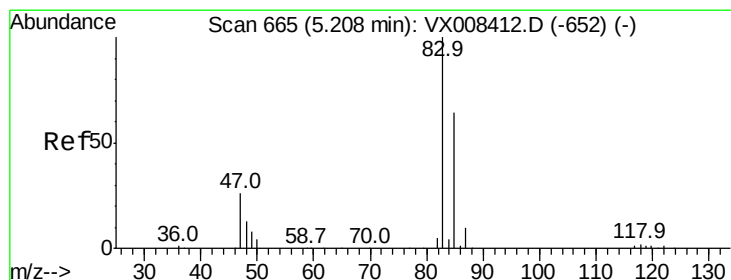
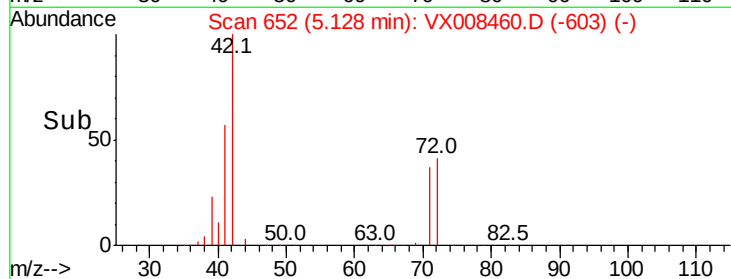
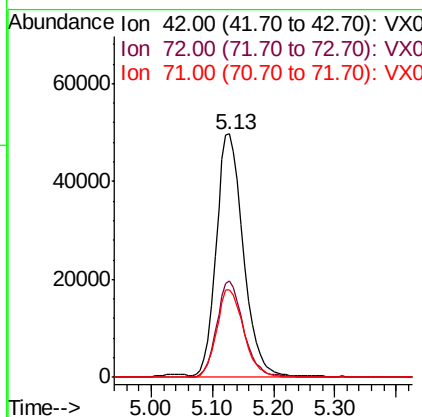
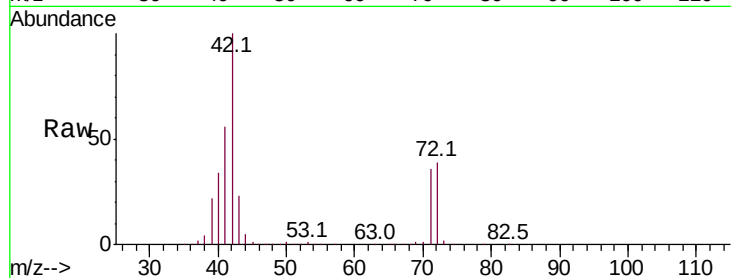
#29
Tetrahydrofuran
Concen: 89.868 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.4	47.2
71	36.1	29.4	44.2

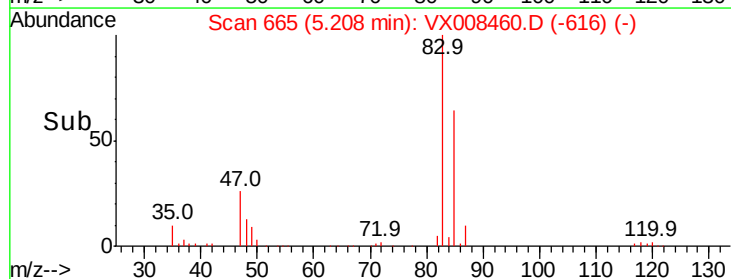
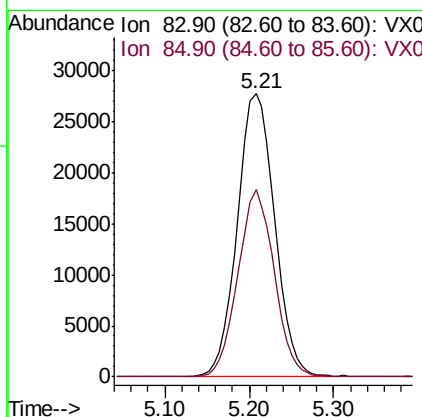
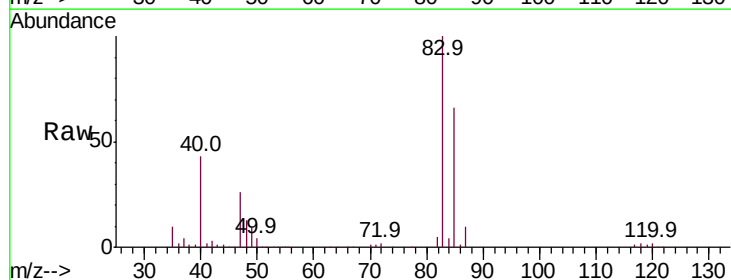
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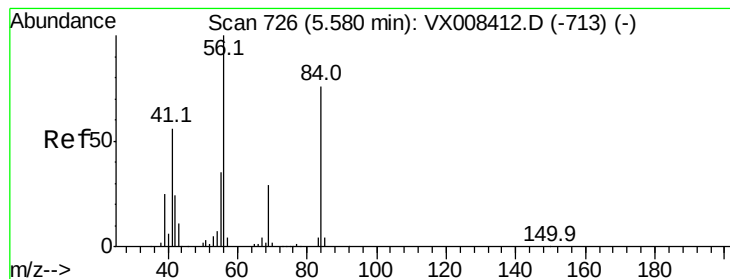
MMDadoda
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#30
Chloroform
Concen: 17.880 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.2





#31

Cyclohexane

Concen: 17.504 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

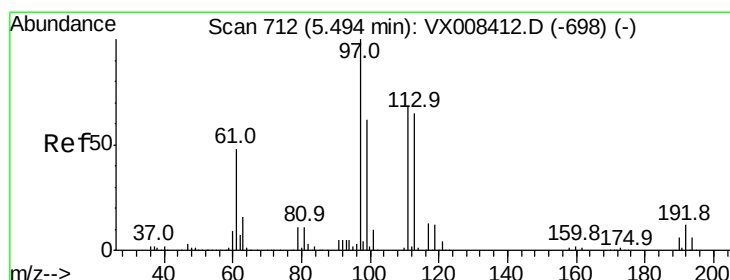
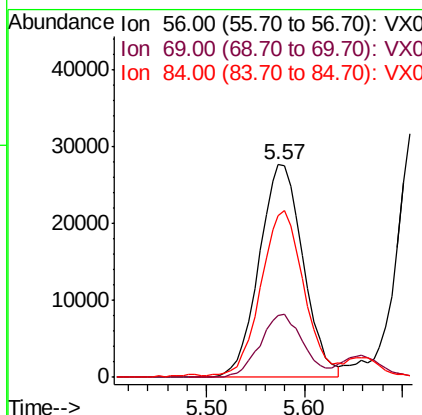
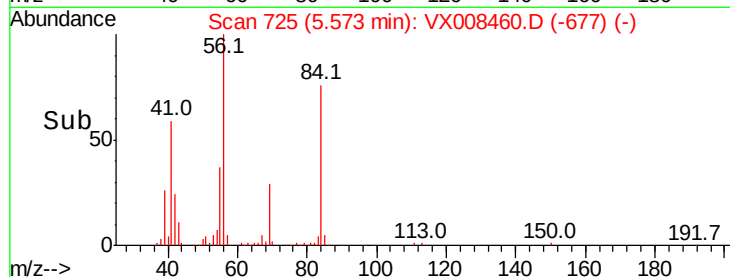
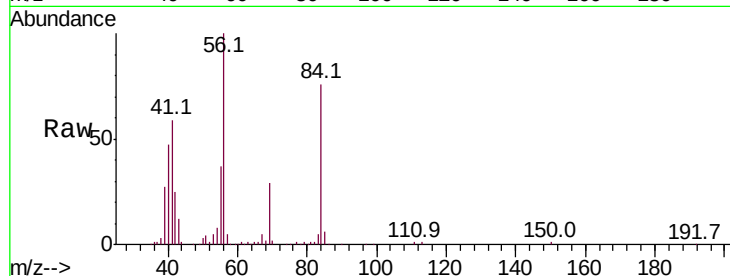
ClientSampleId :

VX0326WBSD01

Tot Ion:	56	Resp:	86515
Ion Ratio	Lower	Upper	
56	100		
69	29.0	23.2	34.8
84	74.8	60.7	91.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.456 ug/l

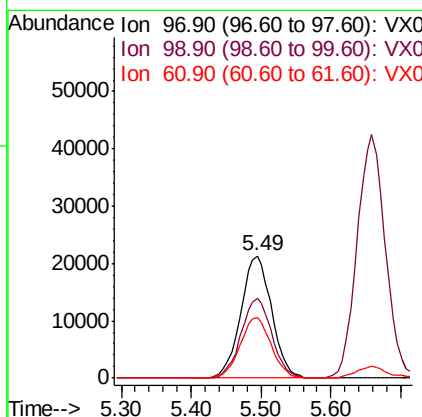
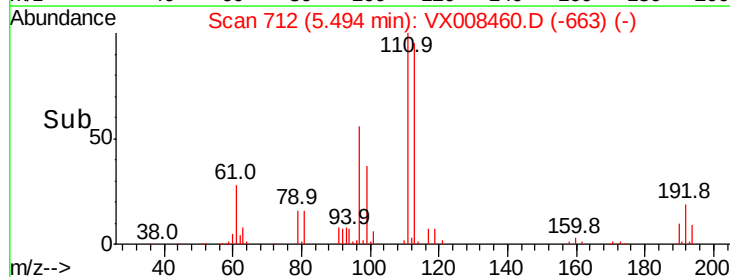
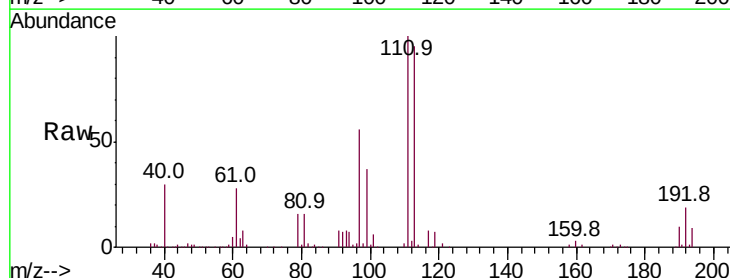
RT: 5.49 min Scan# 712

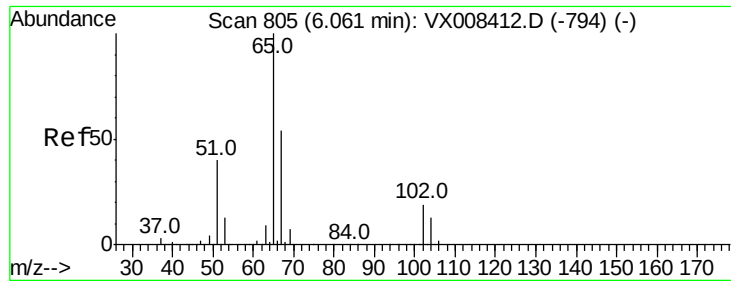
Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Tgt Ion:	97	Resp:	65255
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.5	77.3
61	50.1	38.8	58.2





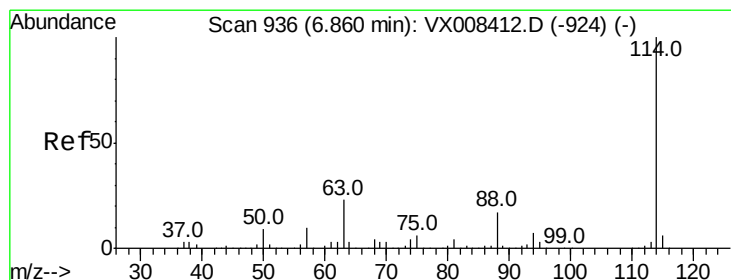
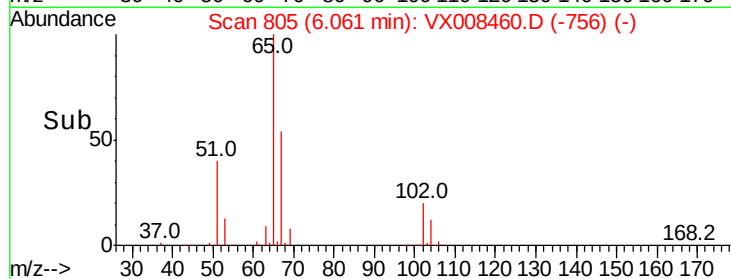
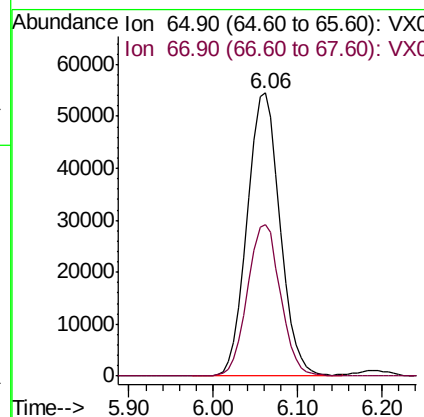
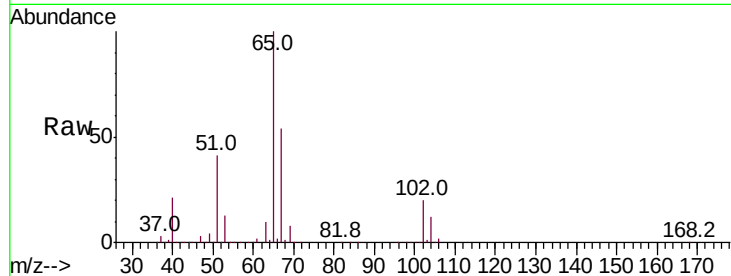
#33
 1,2-Dichloroethane-d4
 Concen: 46.662 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	109.4

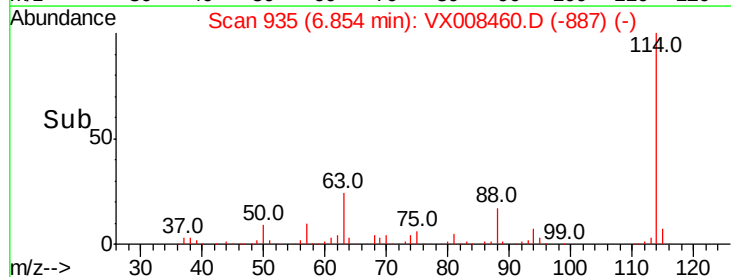
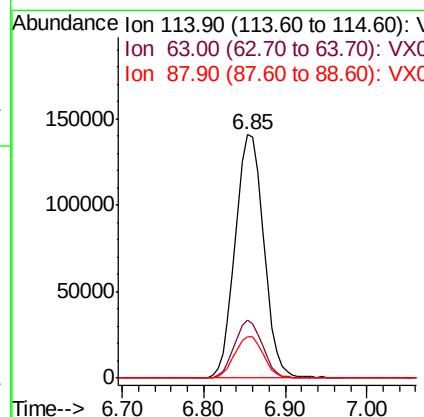
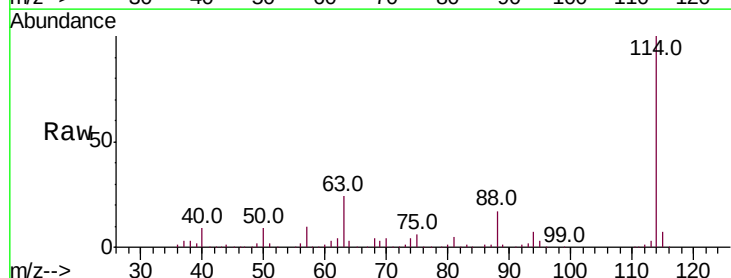
Manual Integrations
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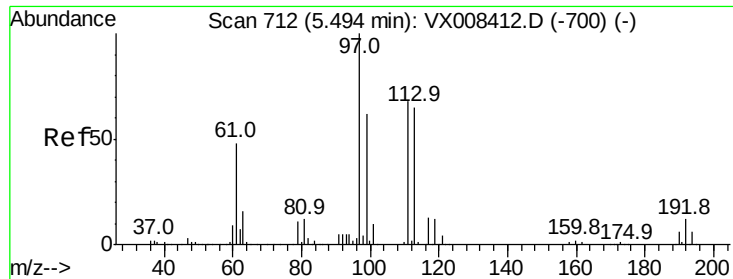
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.4
88	17.1	0.0	33.2





#35

Dibromofluoromethane

Concen: 47.013 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

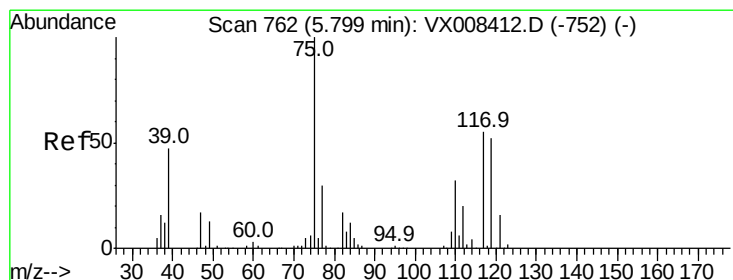
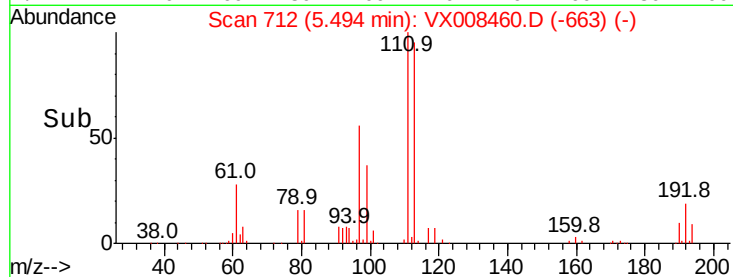
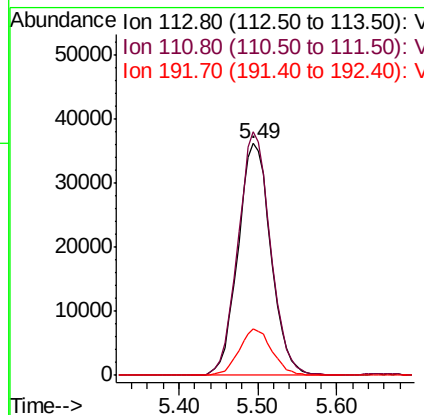
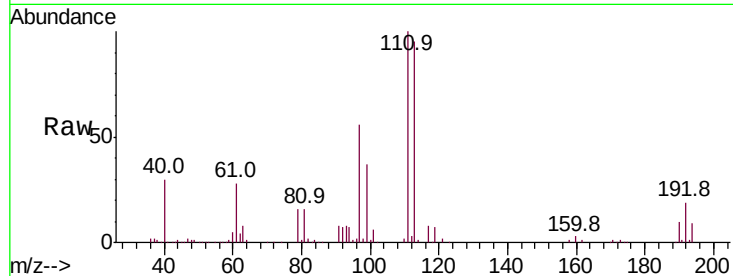
ClientSampleId :

VX0326WBSD01

Tot Ion:	113	Resp:	104827
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.0	124.4
192	19.9	15.6	23.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.576 ug/l

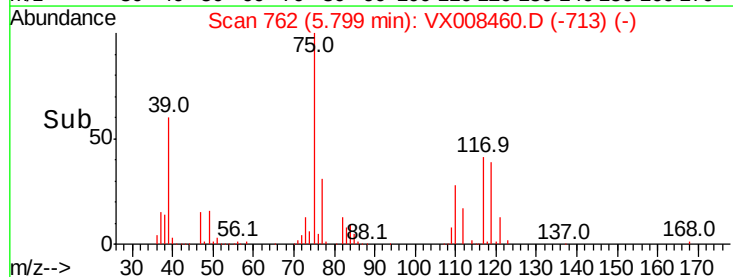
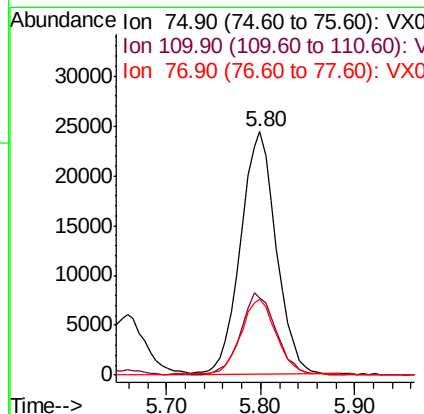
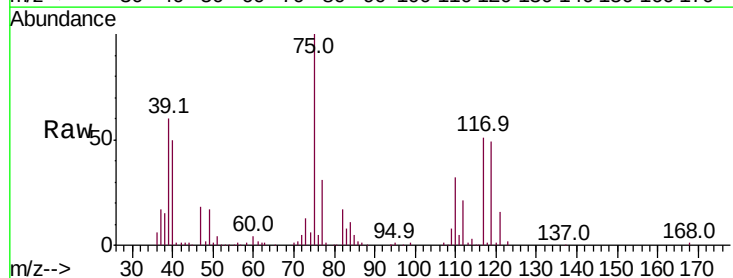
RT: 5.80 min Scan# 762

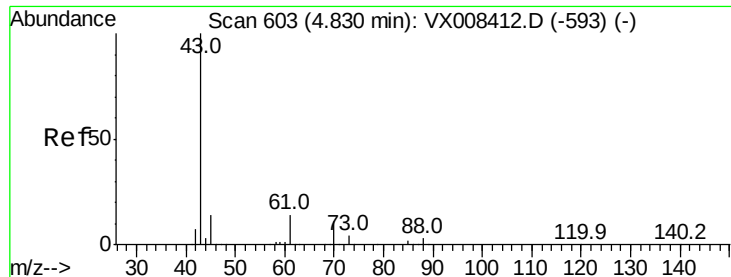
Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Tgt Ion:	75	Resp:	64083
Ion Ratio	Lower	Upper	
75	100		
110	33.9	16.6	49.7
77	31.1	24.2	36.2





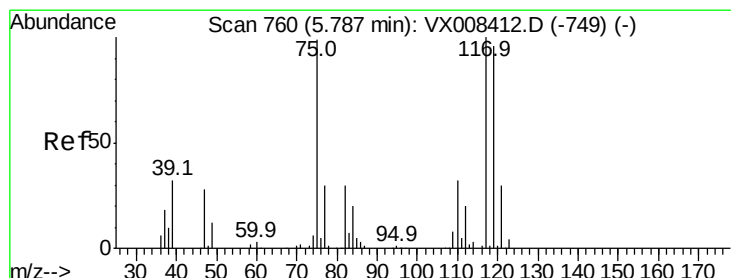
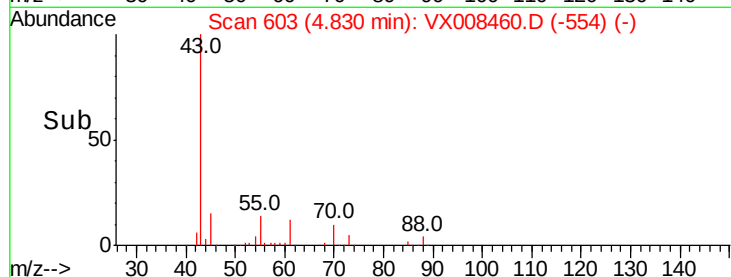
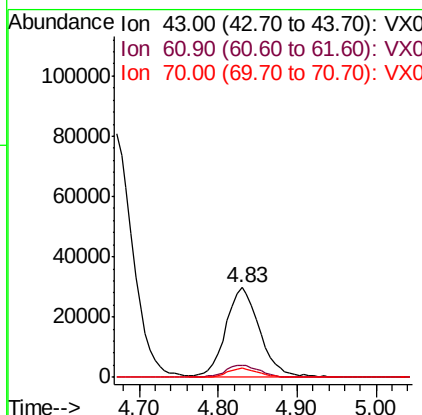
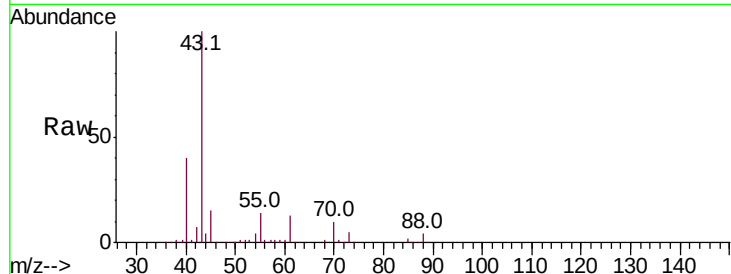
#37
Ethyl Acetate
Concen: 18.422 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampled :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.5	15.7
70	10.2	7.8	11.8

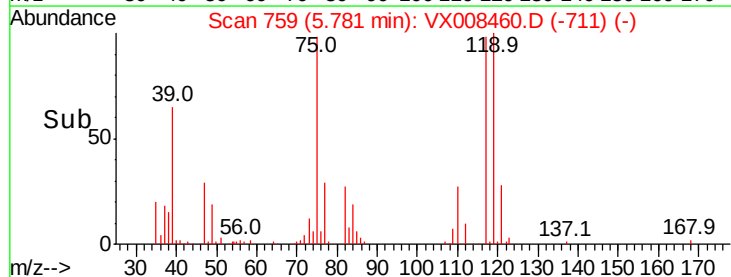
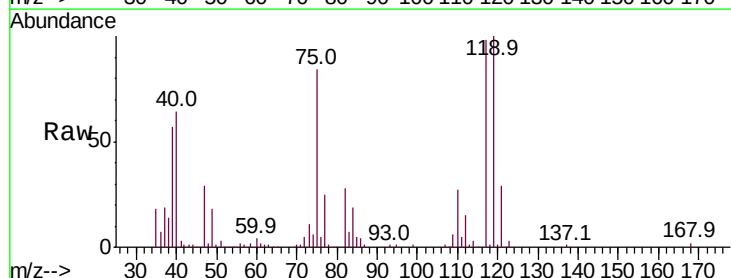
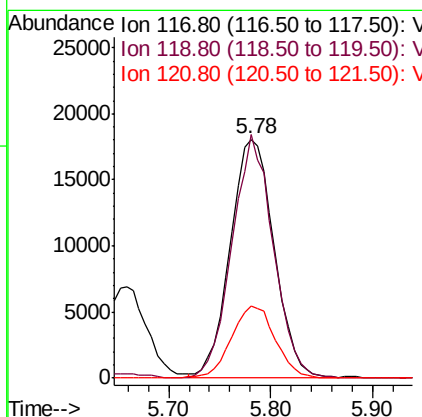
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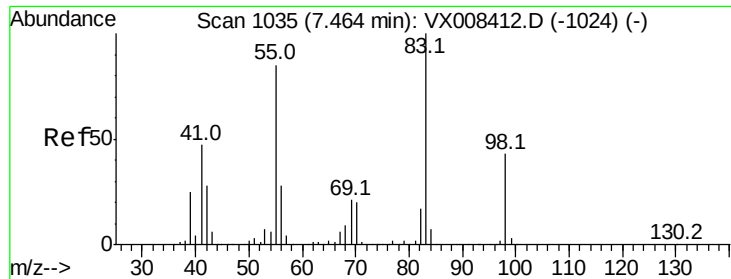
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#38
Carbon Tetrachloride
Concen: 17.615 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.2	76.7	115.1
121	30.1	24.3	36.5





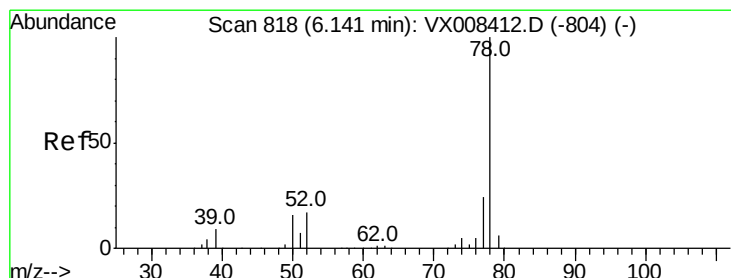
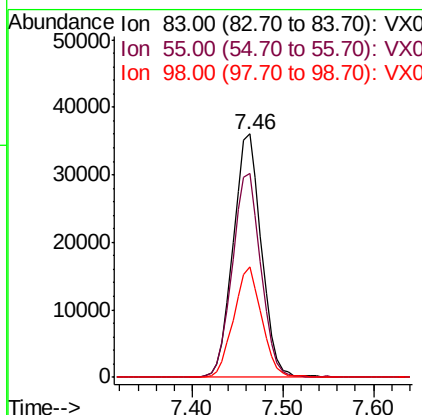
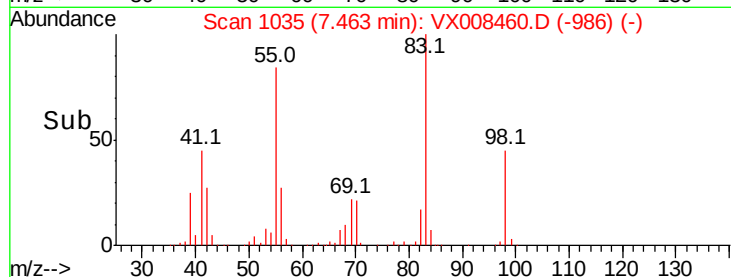
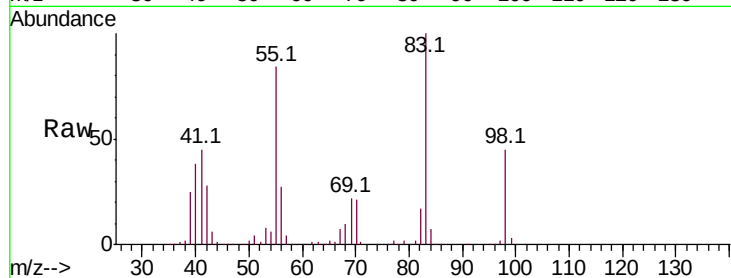
#39
Methylvlcyclohexane
Concen: 17.866 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	83	Resp	77849
Ion Ratio	100	Lower	Upper
83	100		
55	83.4	68.2	102.4
98	45.5	34.2	51.4

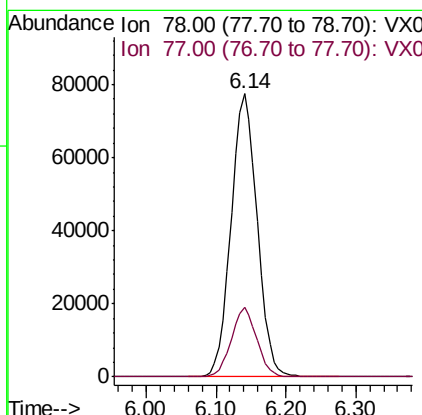
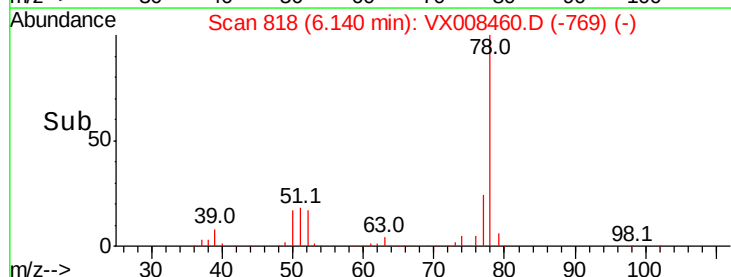
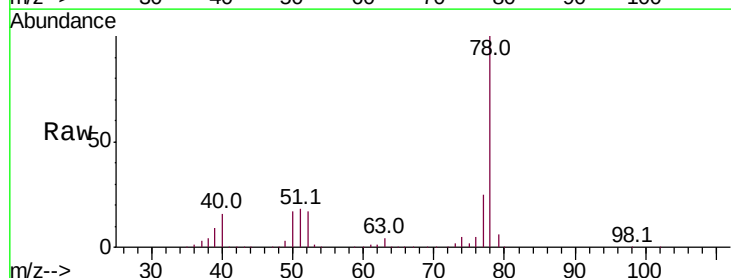
Manual Integrations
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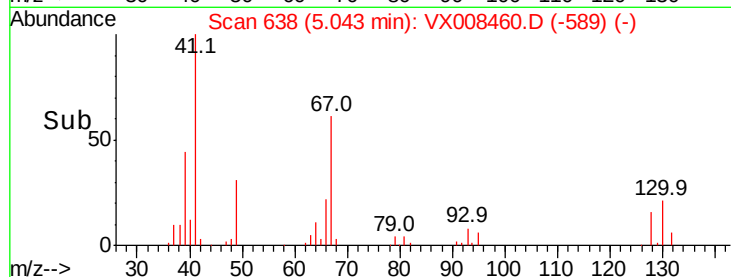
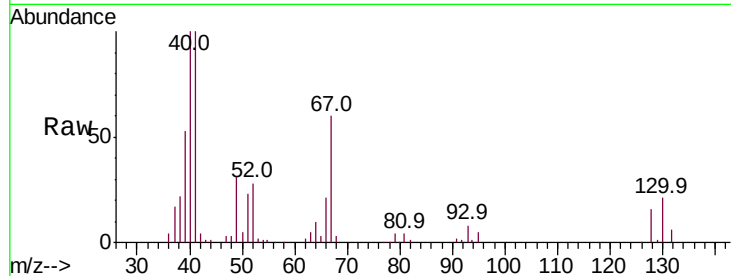
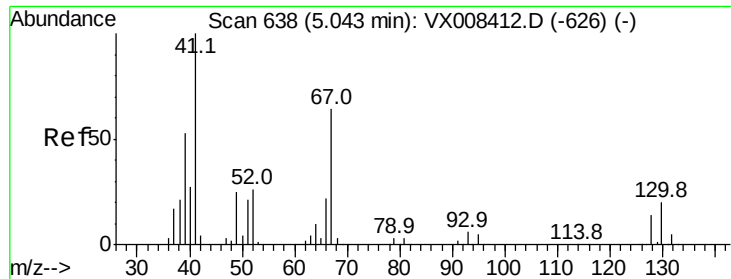
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#40
Benzene
Concen: 18.432 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	78	Resp	201197
Ion Ratio	100	Lower	Upper
78	100		
77	24.5	19.3	28.9





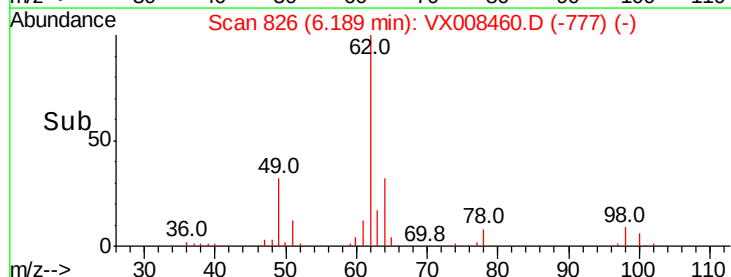
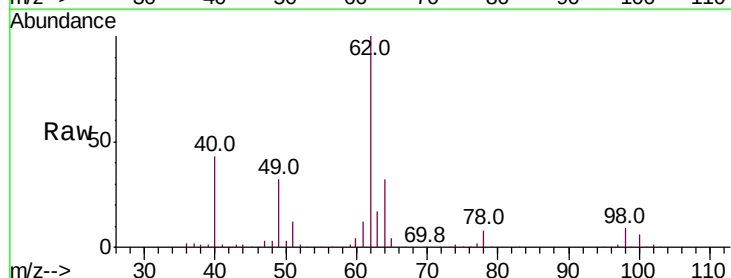
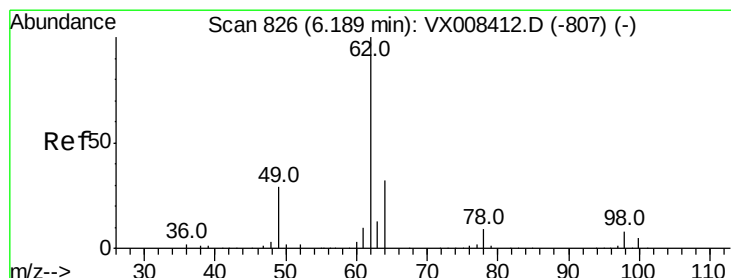
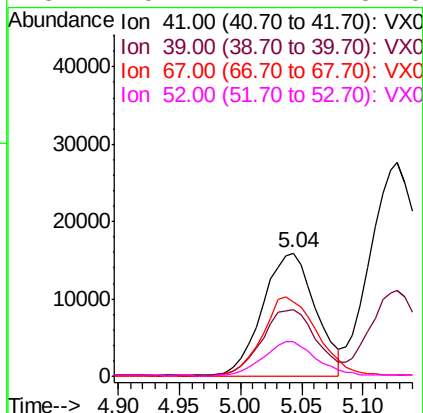
#41
Methacrylonitrile
Concen: 17.940 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	42.6	64.0	
67	67.3	52.2	78.4	
52	29.4	21.4	32.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

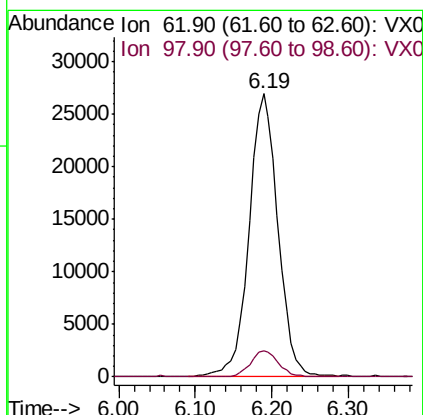
Manual Integrations
APPROVED

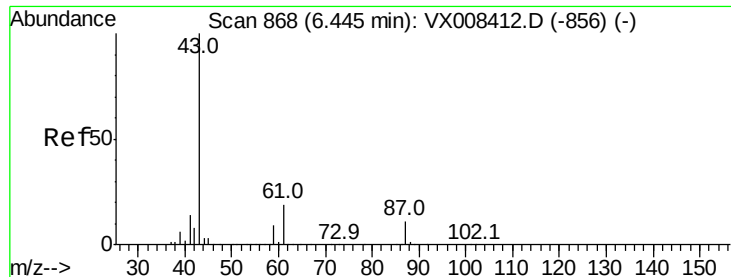
MMDadoda
3/27/2019 10:41:08 AM



#42
1,2-Dichloroethane
Concen: 17.766 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.6	





#43

Isopropyl Acetate

Concen: 18.209 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

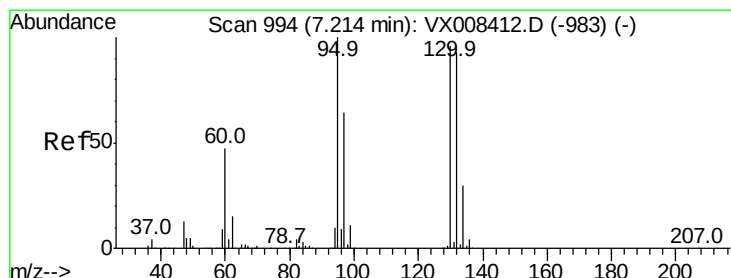
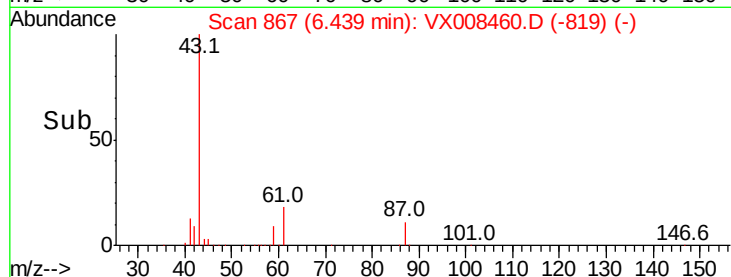
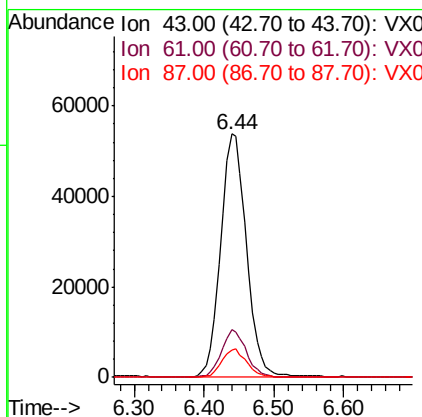
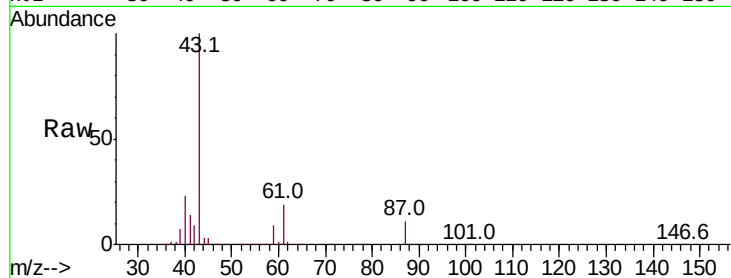
ClientSampleId :

VX0326WBSD01

Tot Ion:	43	Resp:	137573
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	11.5	9.1	13.7

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#44

Trichloroethene

Concen: 17.672 ug/l

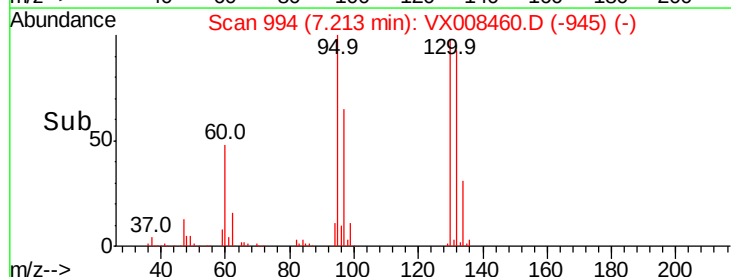
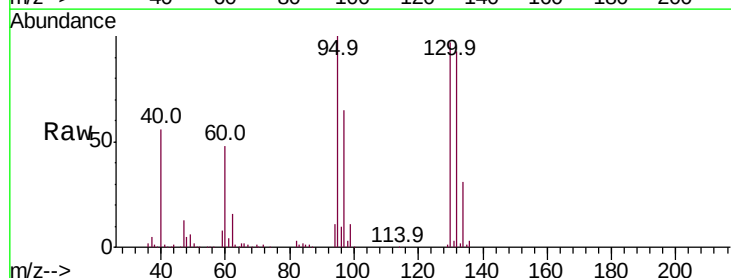
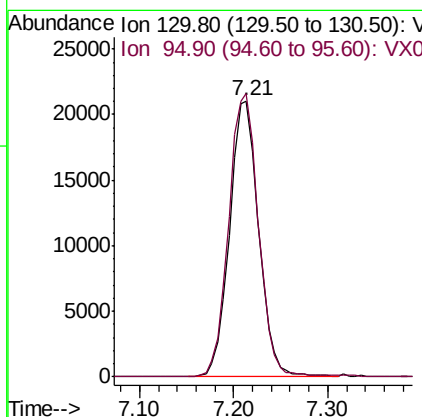
RT: 7.21 min Scan# 994

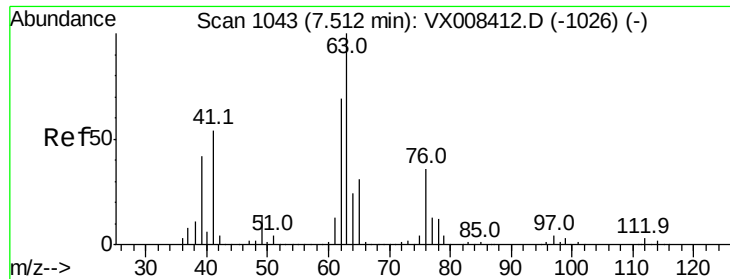
Delta R.T. -0.00 min

Lab File: VX008460.D

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Tgt Ion:	130	Resp:	45293
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	208.8





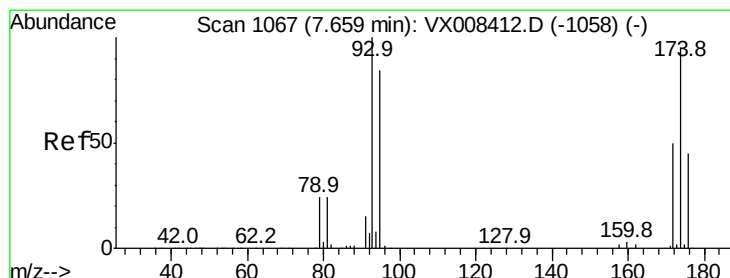
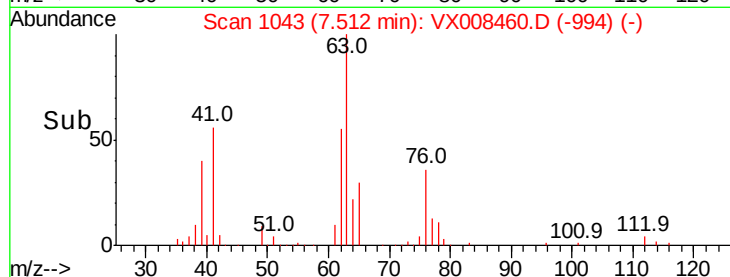
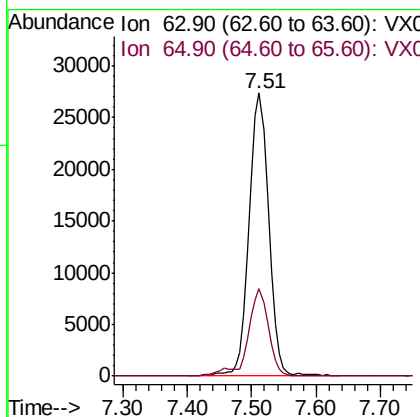
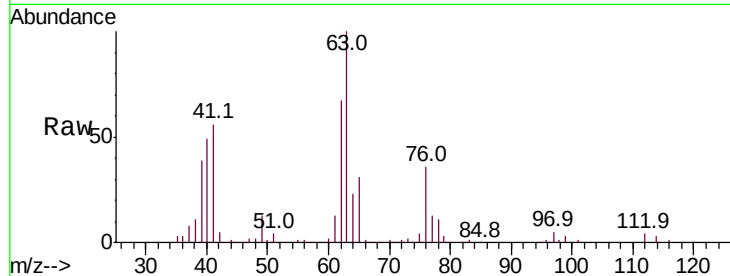
#45
 1,2-Dichloropropane
 Concen: 18.377 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion: 63 Resp: 57017
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7

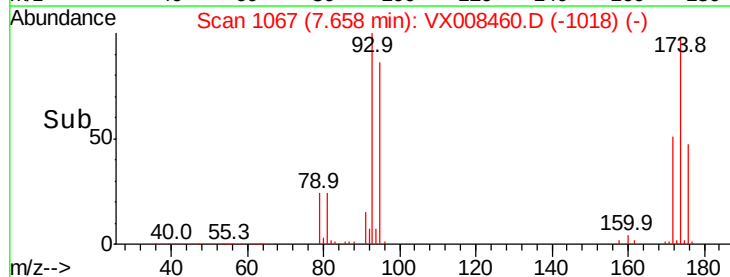
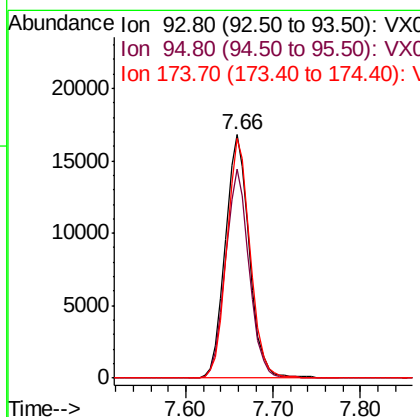
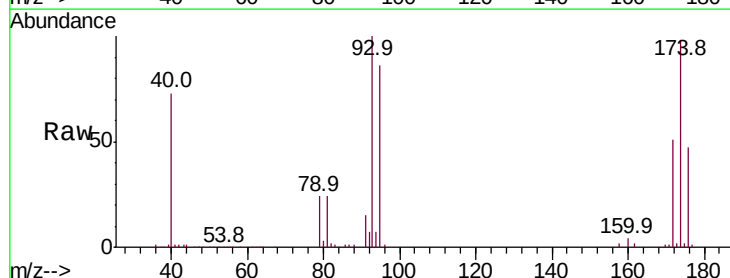
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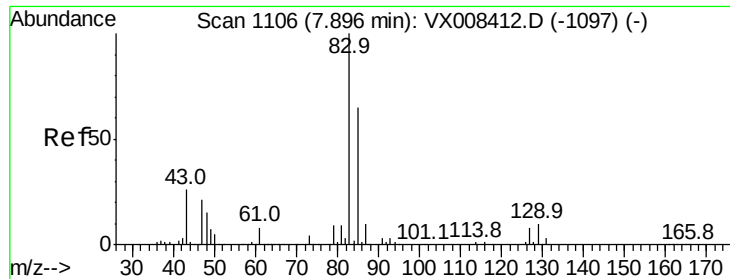
MMDadoda
 3/27/2019 10:41:08 AM



#46
 Dibromomethane
 Concen: 17.655 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Tgt Ion: 93 Resp: 31987
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.0 100.6
 174 96.1 76.0 114.0





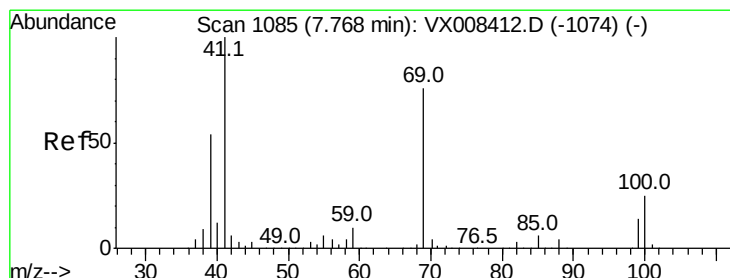
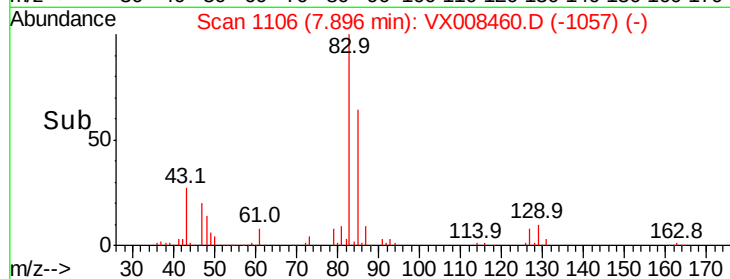
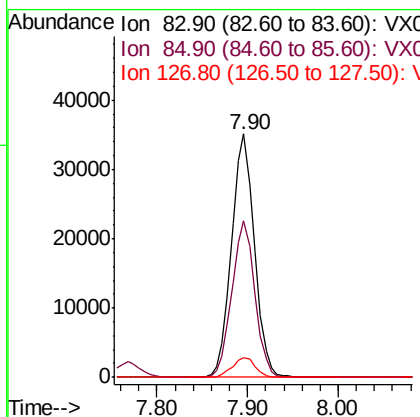
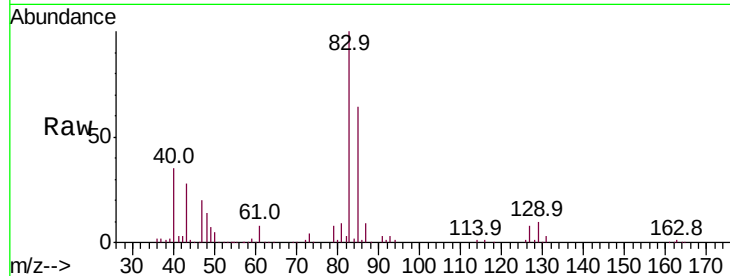
#47
Bromodichloromethane
Concen: 17.766 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.0	78.0
127	8.2	6.4	9.6

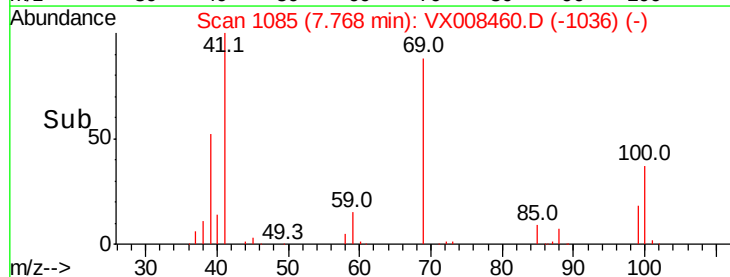
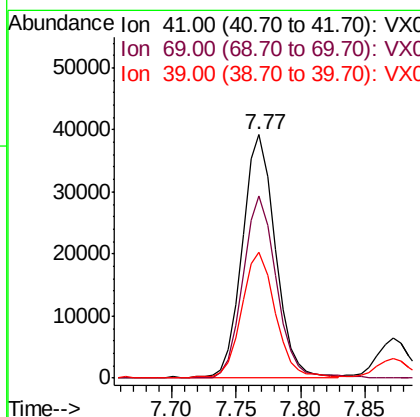
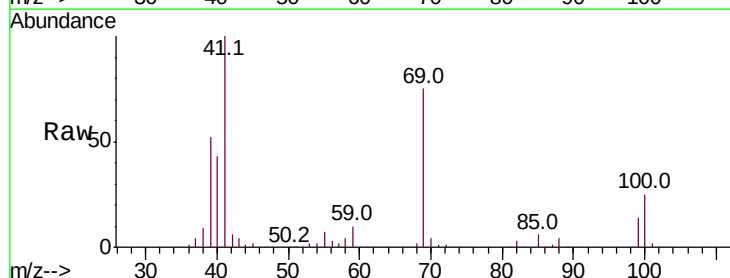
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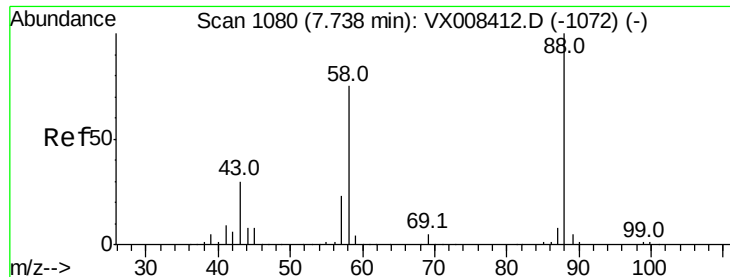
MMDadoda
3/27/2019 10:41:08 AM



#48
Methyl methacrylate
Concen: 18.296 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.5	60.8	91.2
39	52.6	42.3	63.5





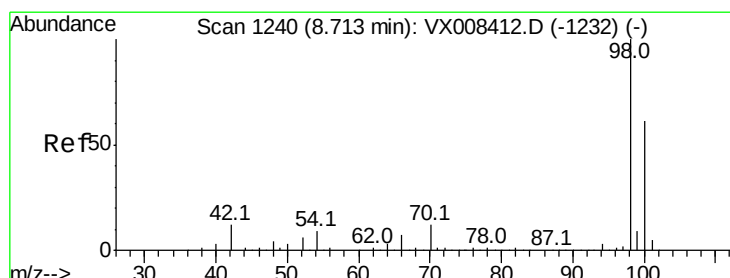
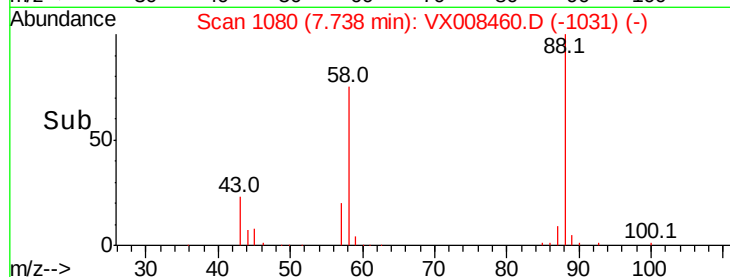
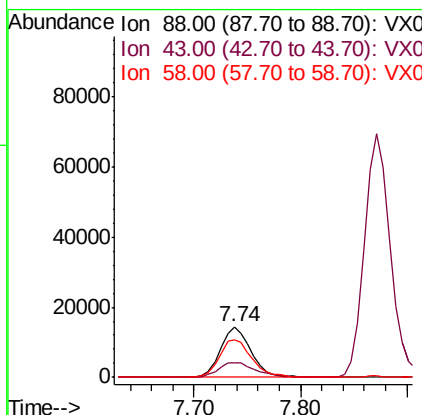
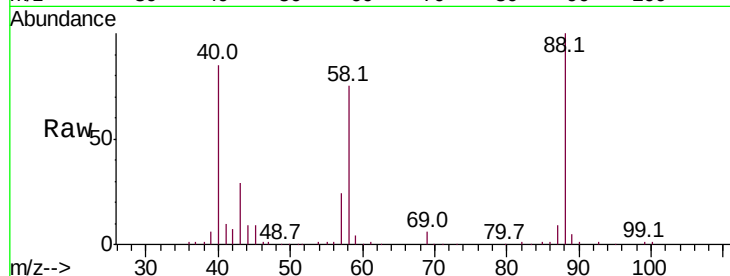
#49
1,4-Dioxane
Concen: 382.570 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	28.6	43.0
58	79.8	63.0	94.4

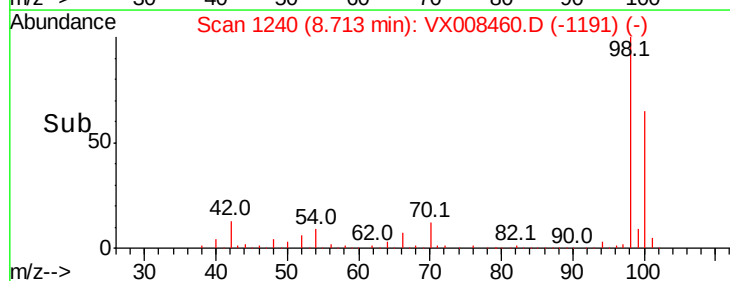
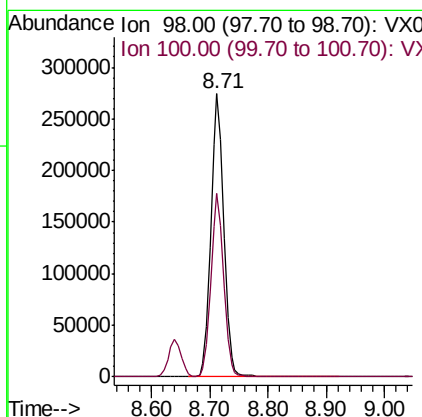
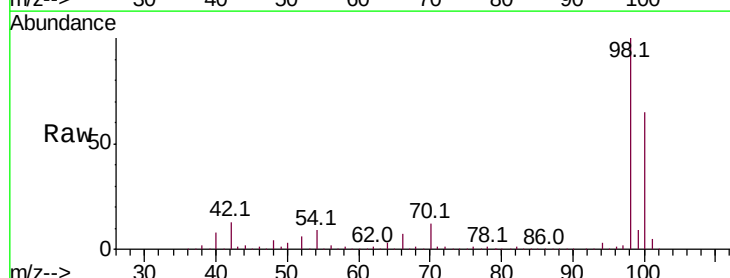
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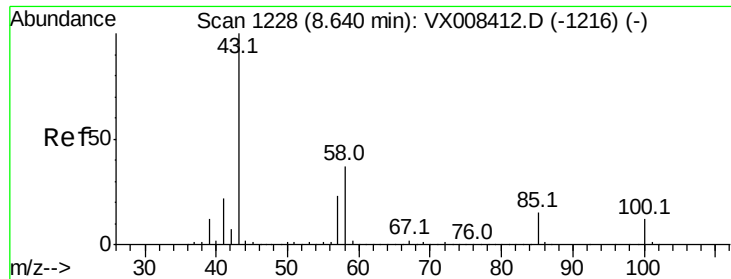
MMDadoda
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#50
Toluene-d8
Concen: 47.397 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.1	76.7





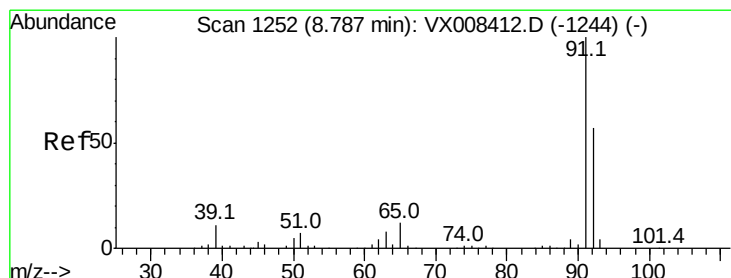
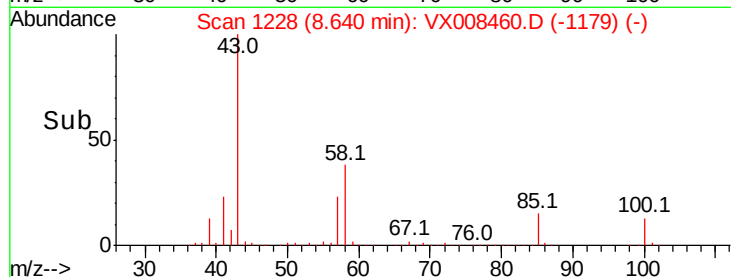
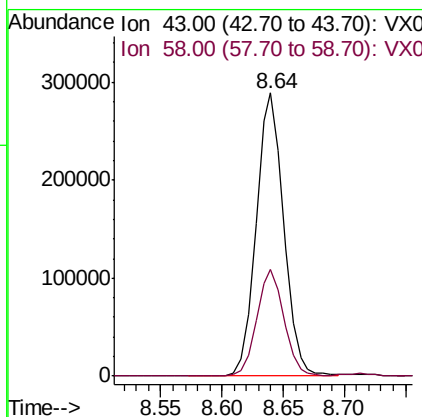
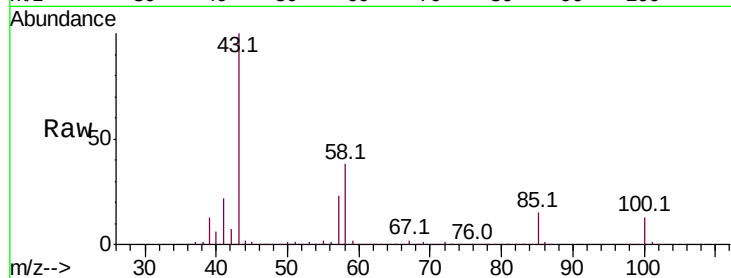
#51
4-Methyl-2-Pentanone
Concen: 92.402 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 43 Resp: 453427
Ion Ratio Lower Upper
43 100
58 37.2 29.8 44.8

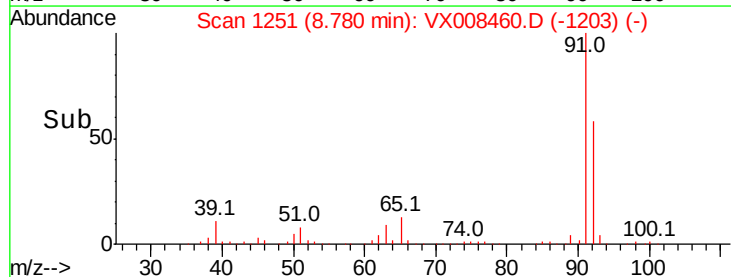
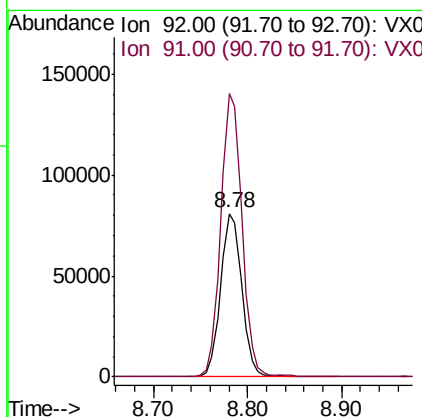
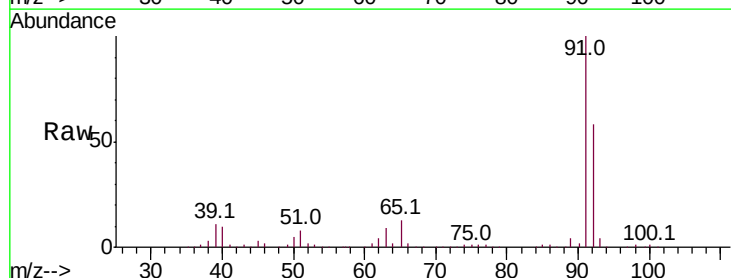
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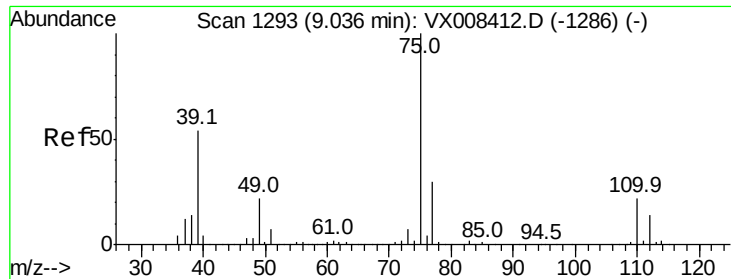
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#52
Toluene
Concen: 19.439 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 92 Resp: 126870
Ion Ratio Lower Upper
92 100
91 173.5 140.2 210.4





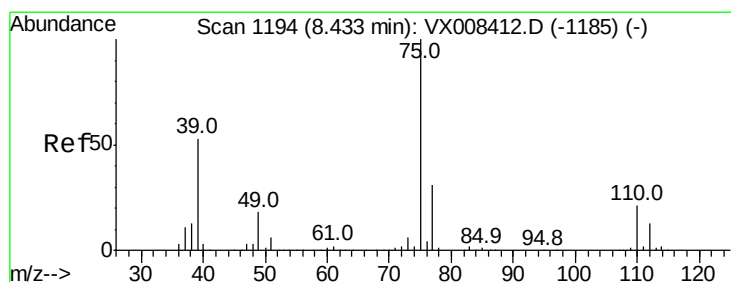
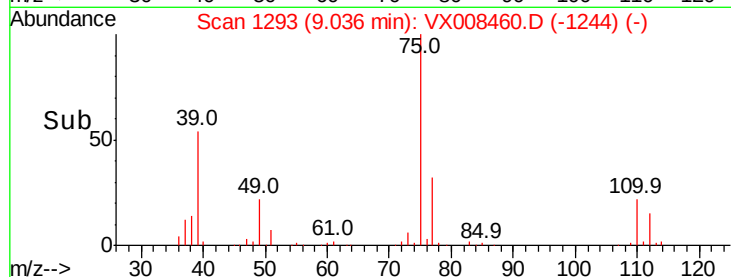
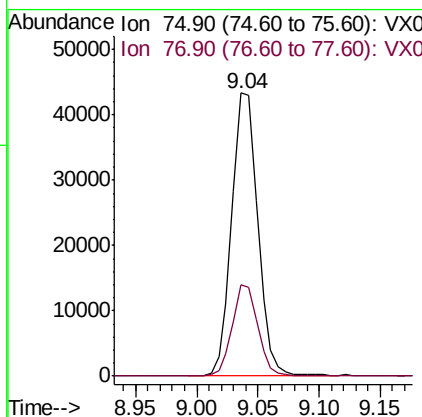
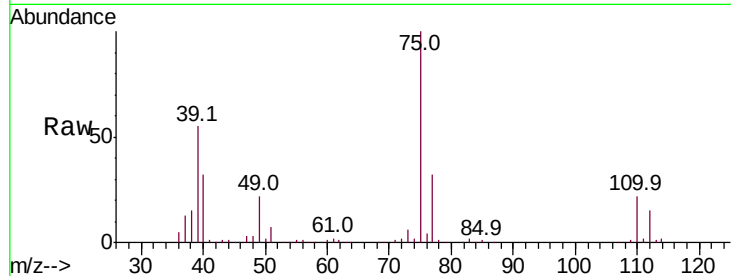
#53
t-1,3-Dichloropropene
Concen: 16.896 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 75 Resp: 64177
Ion Ratio Lower Upper
75 100
77 32.2 24.3 36.5

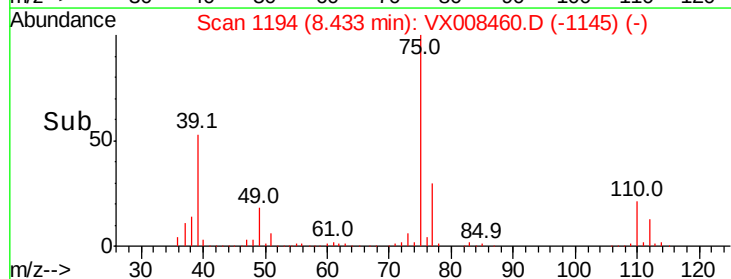
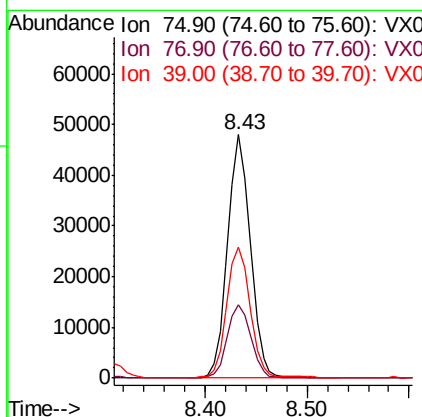
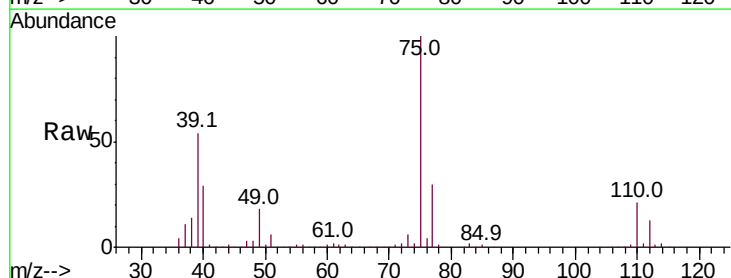
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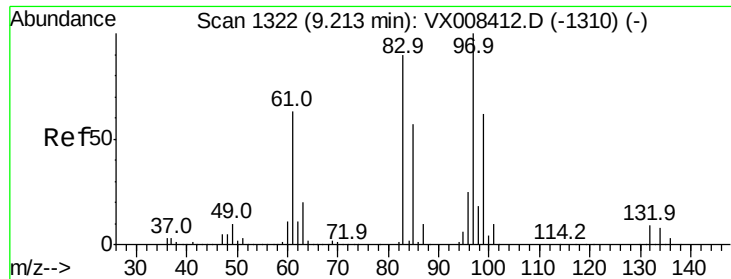
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#54
cis-1,3-Dichloropropene
Concen: 17.245 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 75 Resp: 74487
Ion Ratio Lower Upper
75 100
77 30.1 24.7 37.1
39 53.4 42.4 63.6





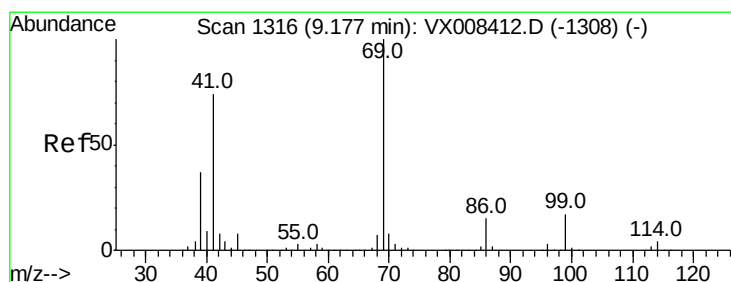
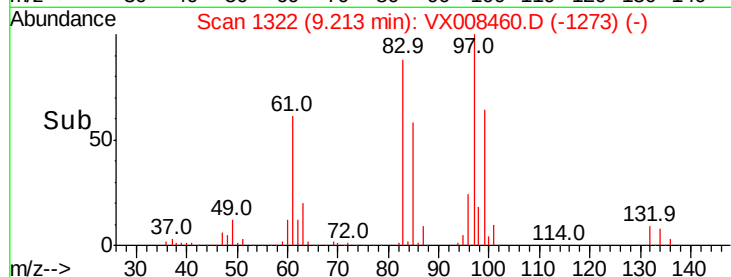
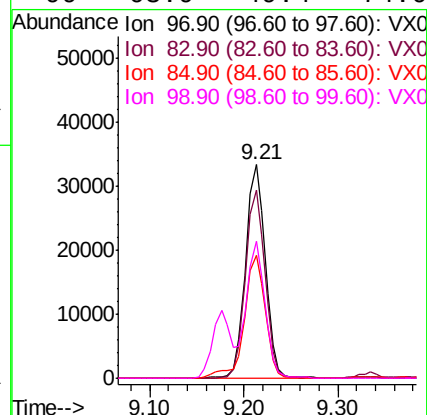
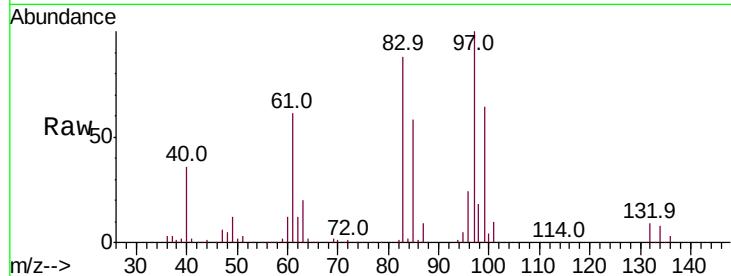
#55
 1,1,2-Trichloroethane
 Concen: 18.528 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.8	107.6
85	57.7	45.9	68.9
99	63.9	49.4	74.0

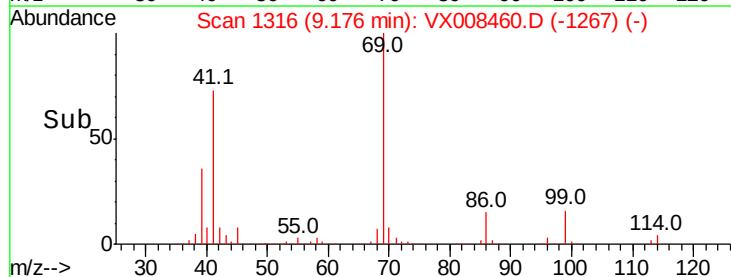
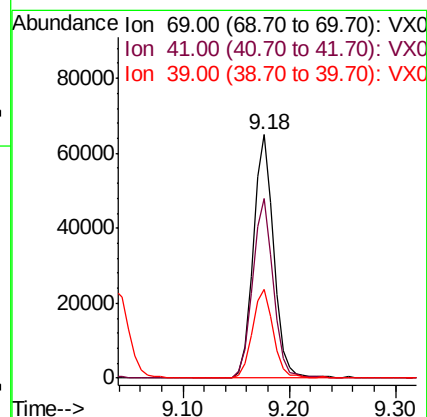
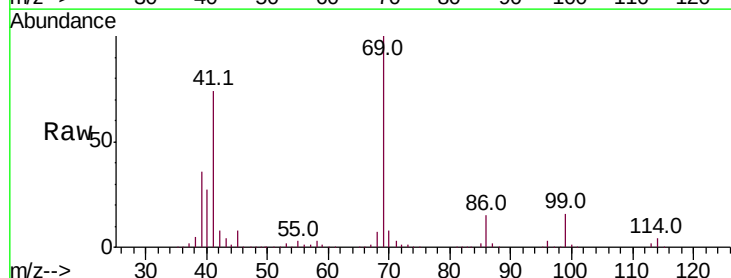
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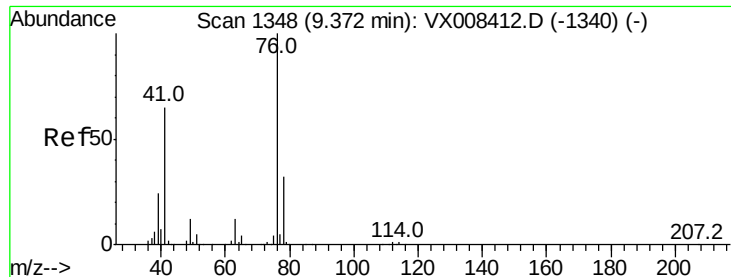
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#56
 Ethyl methacrylate
 Concen: 18.297 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.2	59.5	89.3
39	36.9	29.3	43.9





#57

1,3-Dichloropropane

Concen: 18.046 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

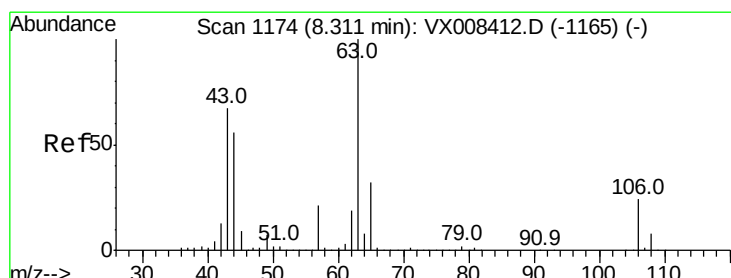
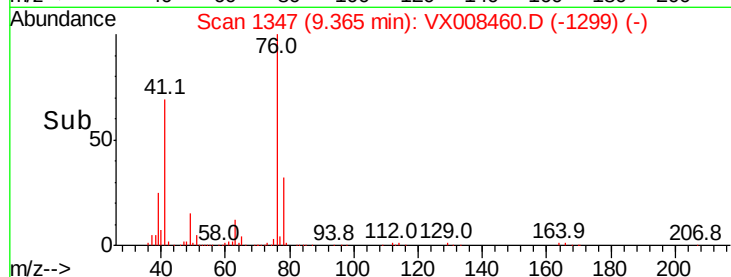
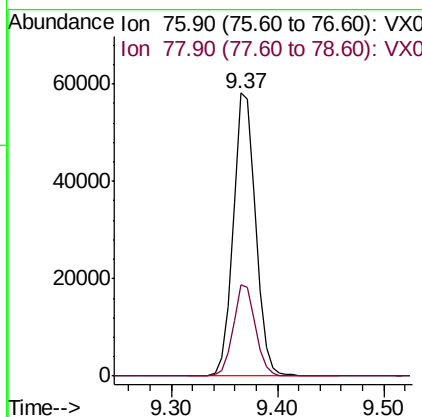
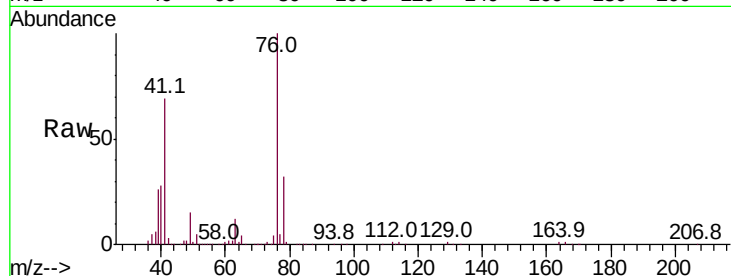
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 76 Resp: 85959

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 89.912 ug/l

RT: 8.31 min Scan# 1174

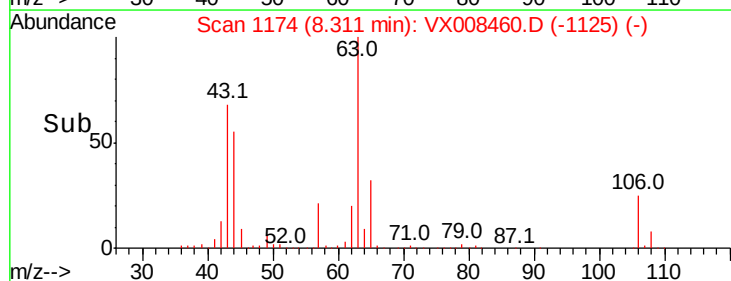
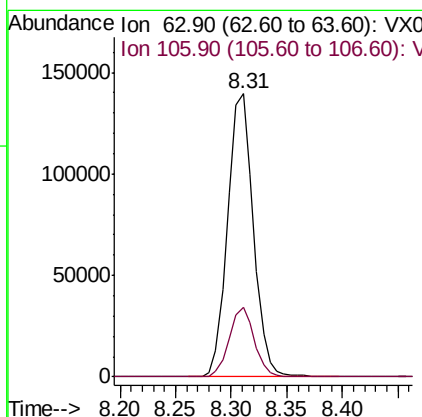
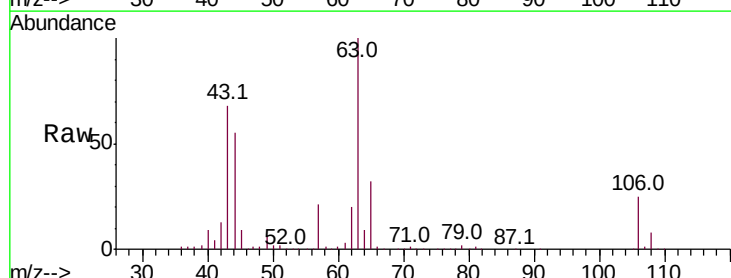
Delta R.T. -0.00 min

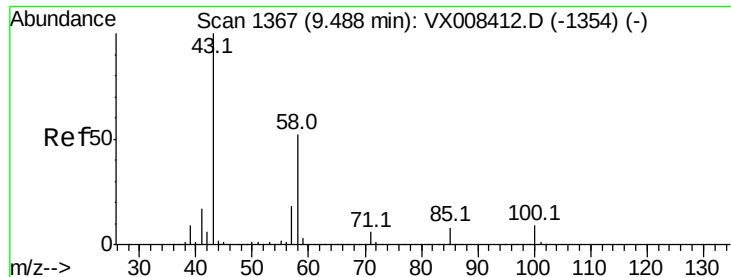
Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Tgt Ion: 63 Resp: 222891

Ion	Ratio	Lower	Upper
63	100		
106	24.2	19.0	28.6





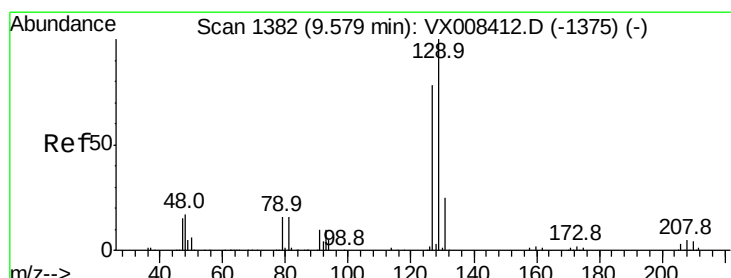
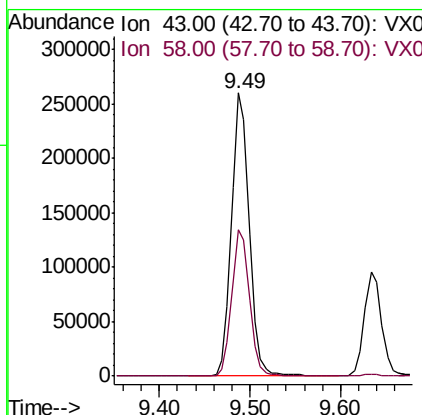
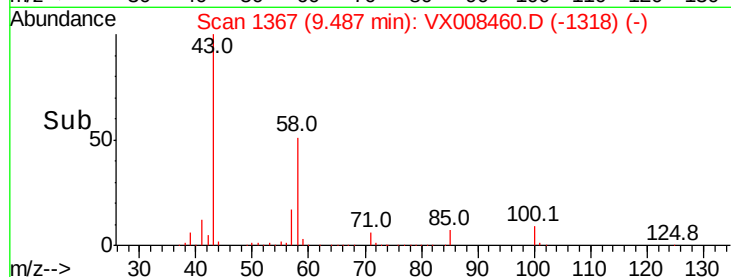
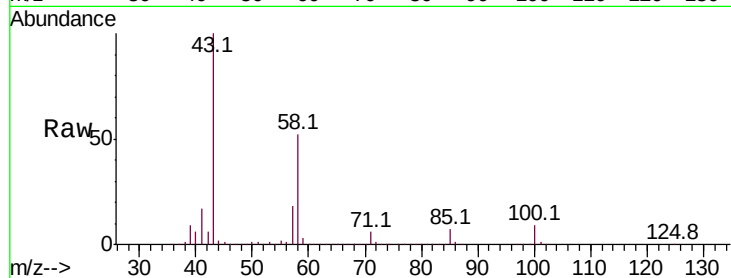
#59
2-Hexanone
Concen: 92.564 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 43 Resp: 351960
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9

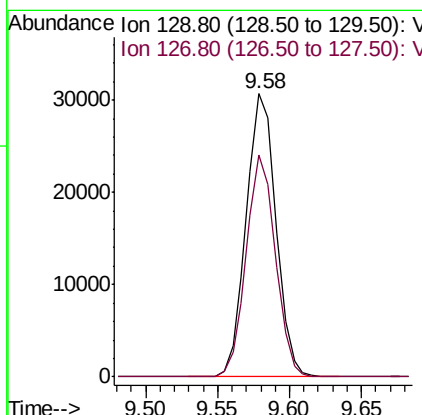
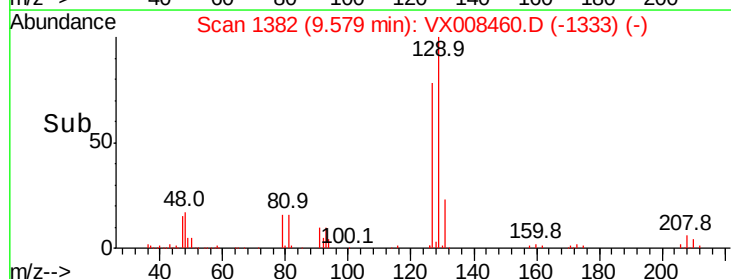
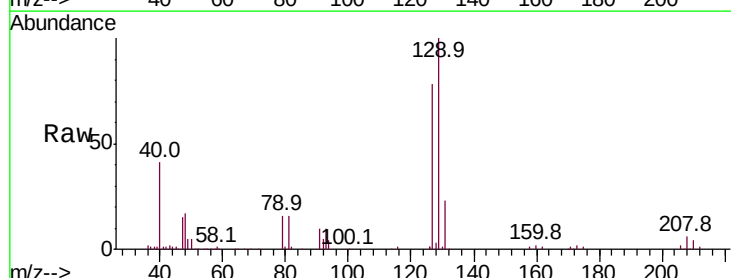
Manual Integrations
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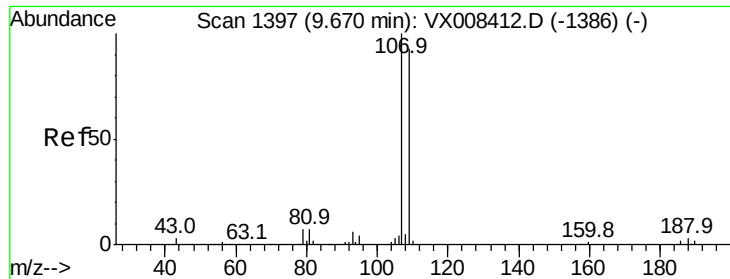
MMDadoda
3/27/2019 10:41:08 AM



#60
Dibromochloromethane
Concen: 17.335 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 129 Resp: 43800
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3





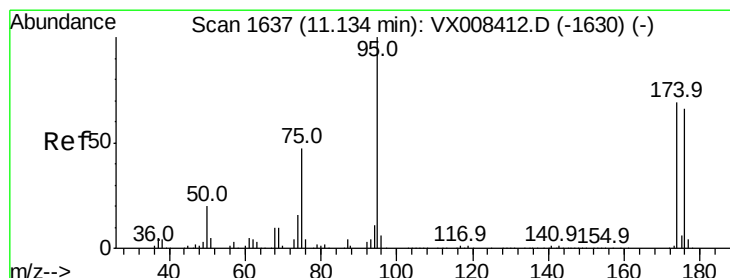
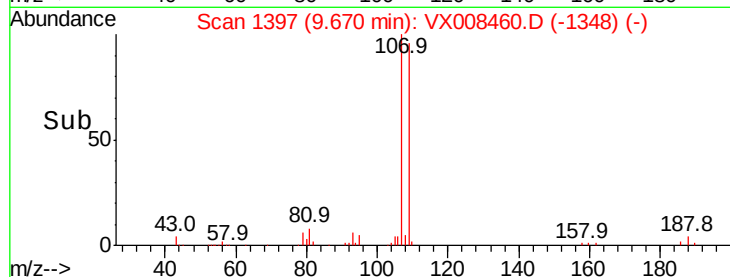
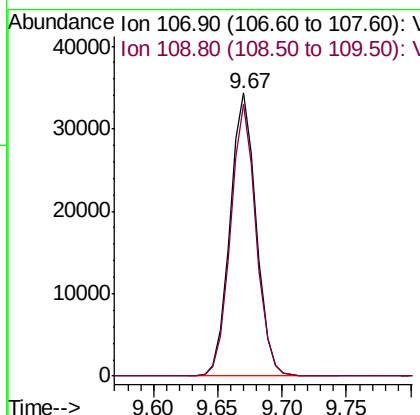
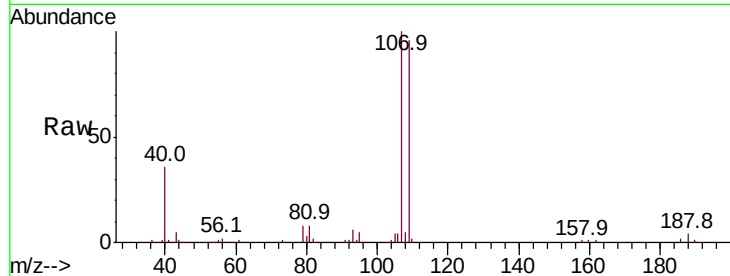
#61
 1,2-Dibromoethane
 Concen: 18.003 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.6	111.8

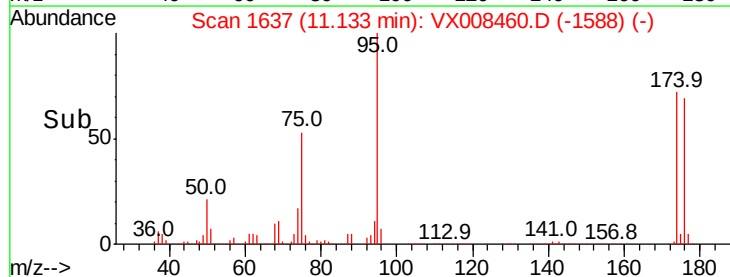
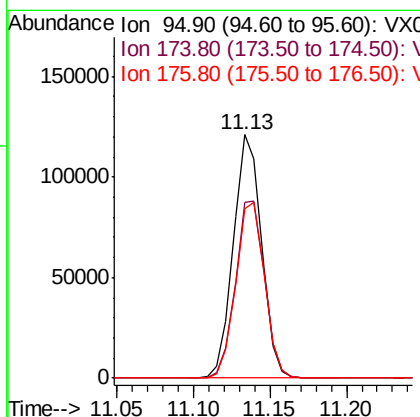
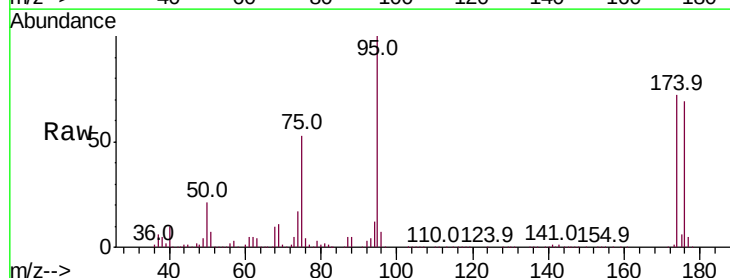
Manual Integrations
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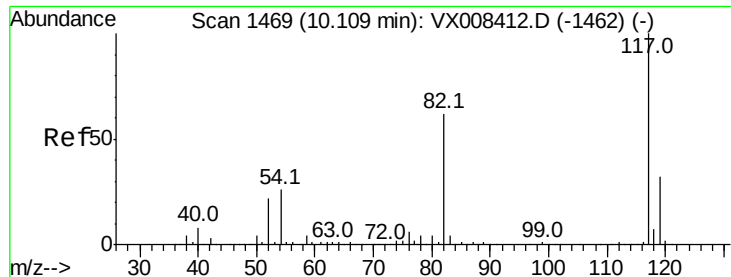
MMDadoda
 3/27/2019 10:41:08 AM



#62
 4-Bromofluorobenzene
 Concen: 46.847 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	147.2
176	73.4	0.0	142.4





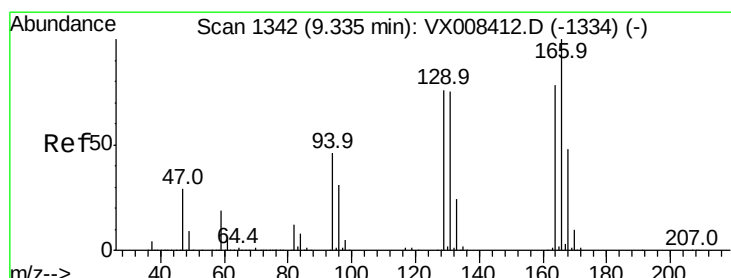
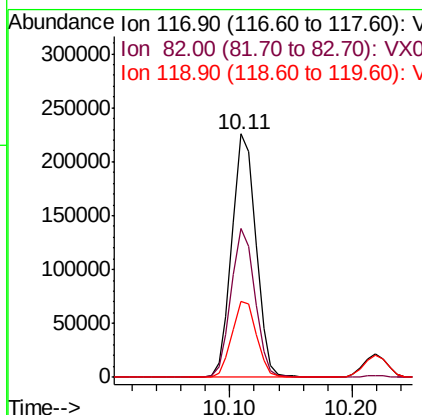
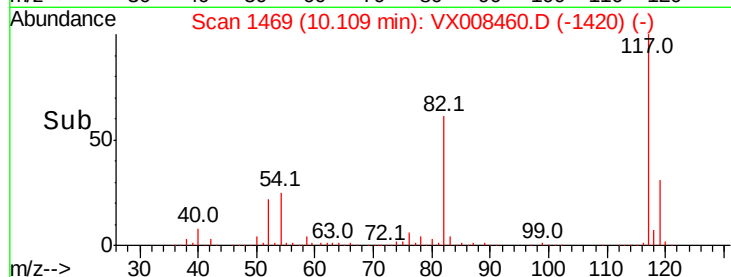
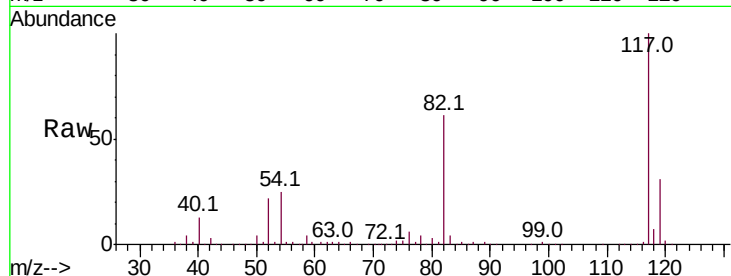
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.4	74.2
119	31.2	25.4	38.0

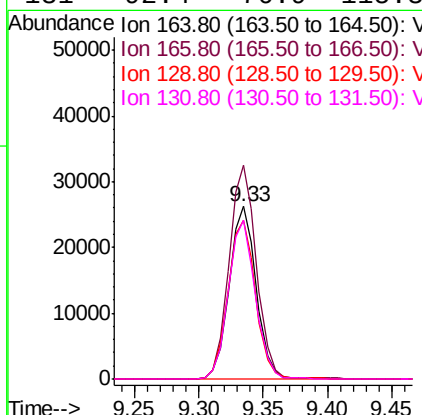
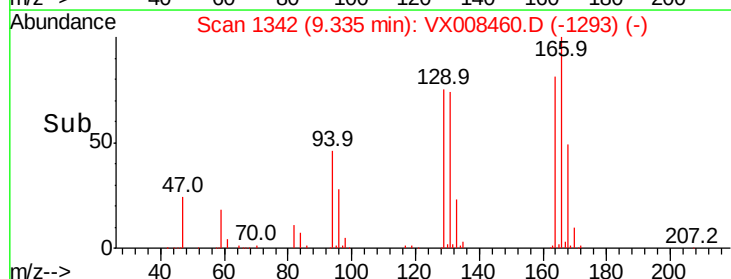
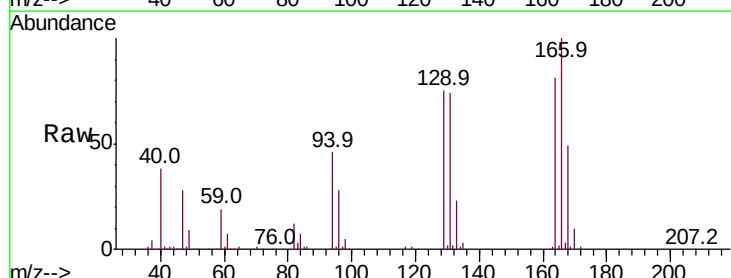
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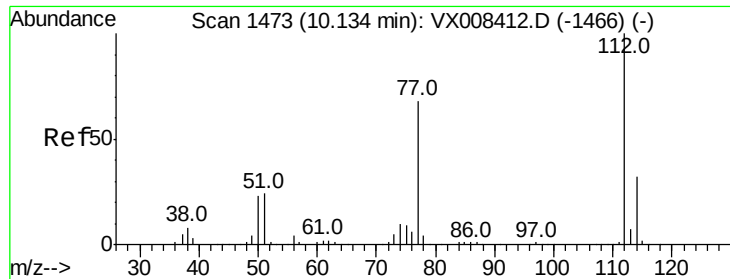
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#64
Tetrachloroethene
Concen: 18.531 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	102.5	153.7
129	92.4	77.8	116.8
131	92.4	76.9	115.3





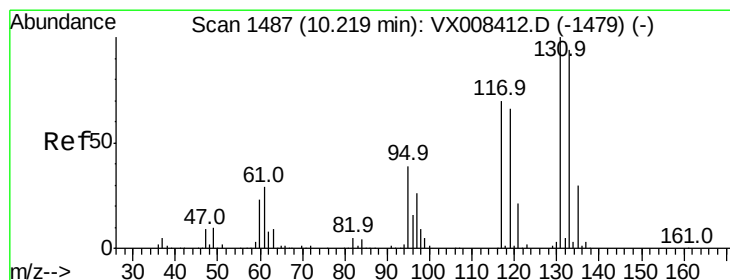
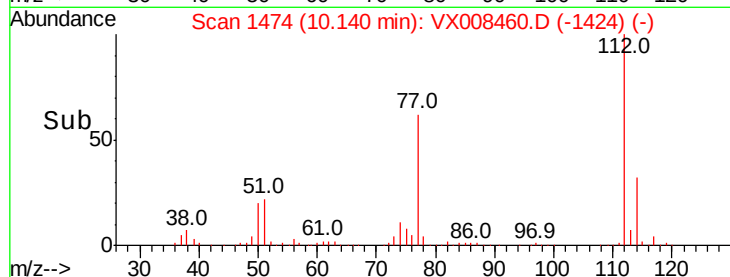
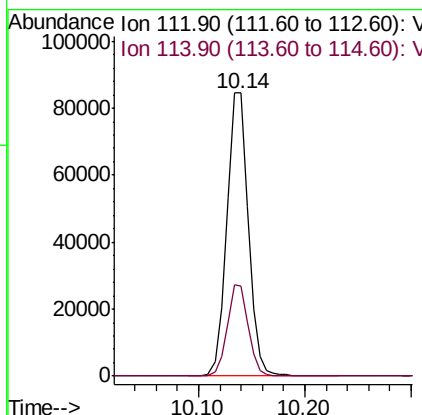
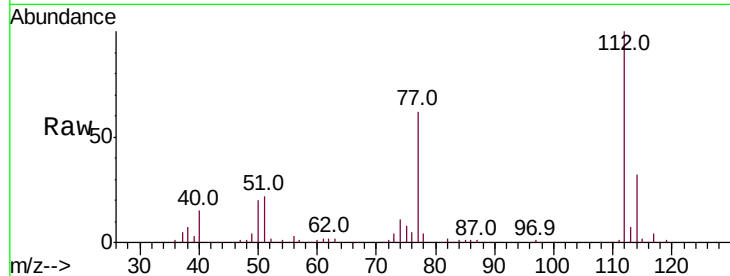
#65
Chlorobenzene
Concen: 18.027 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion:112 Resp: 120409
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

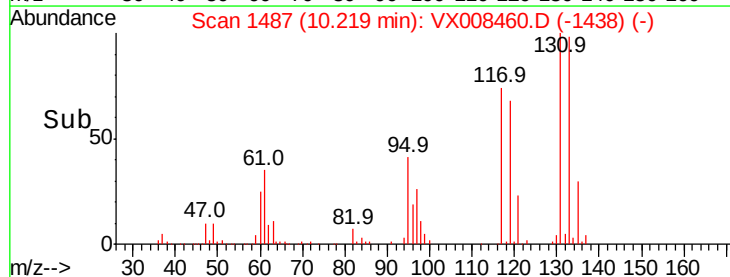
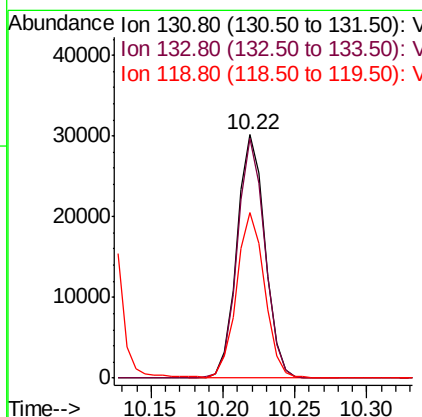
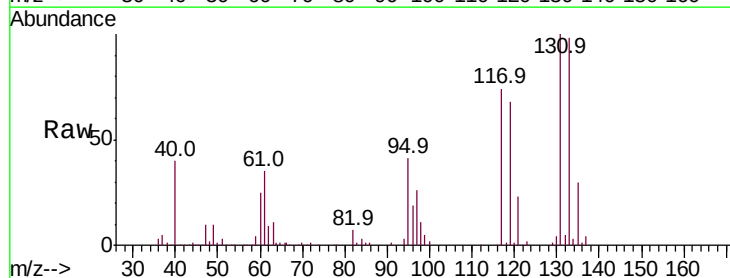
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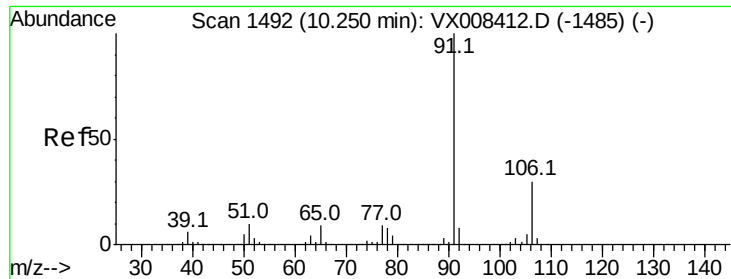
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.813 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion:131 Resp: 41048
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 68.2 33.6 100.6





#67

Ethyl Benzene

Concen: 18.198 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion: 91 Resp: 229396

Ion Ratio Lower Upper

91 100

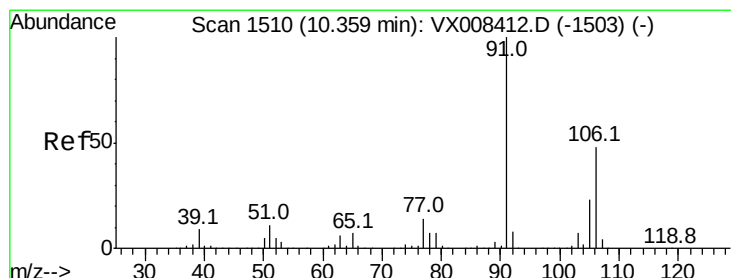
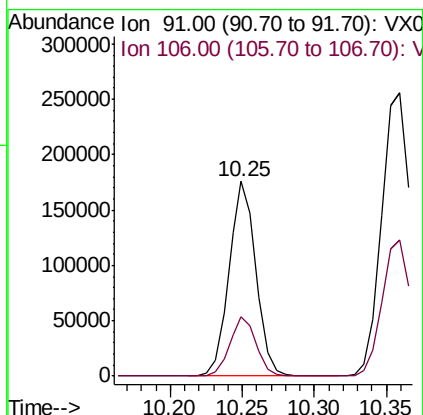
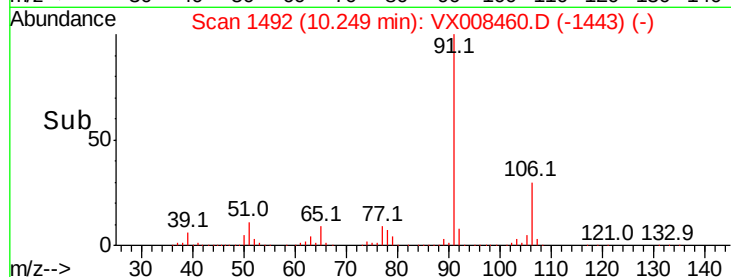
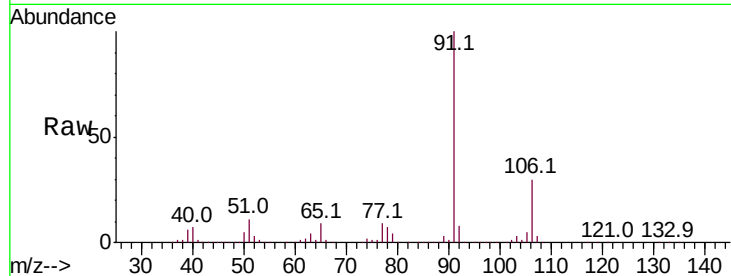
106 30.3 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.037 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008460.D

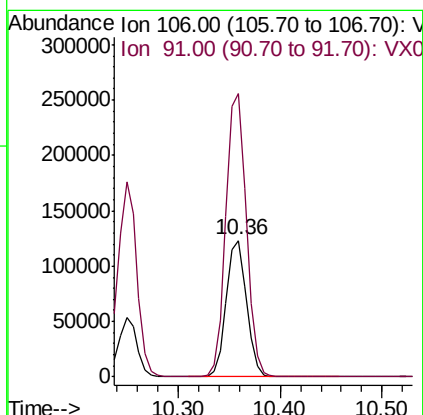
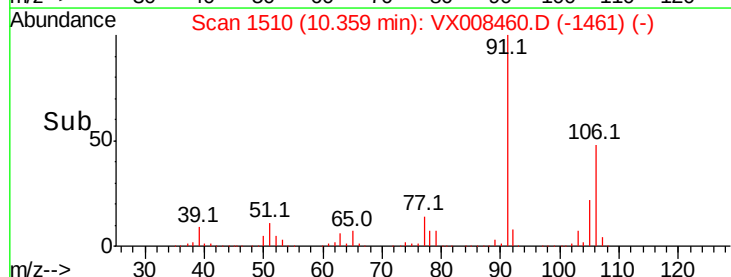
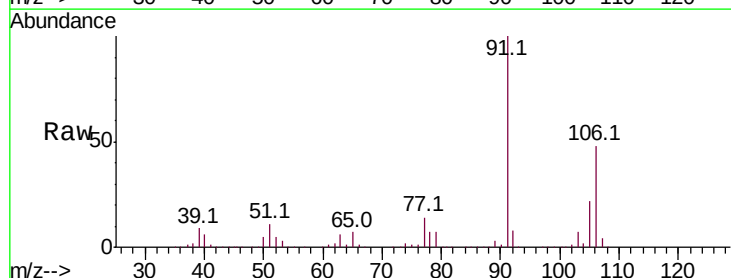
Acq: 26 Mar 2019 17:35

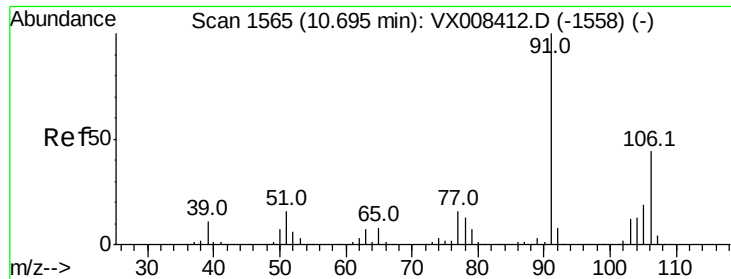
Tgt Ion: 106 Resp: 169852

Ion Ratio Lower Upper

106 100

91 209.4 168.6 253.0





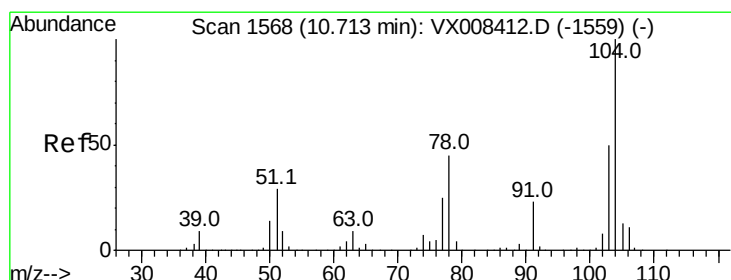
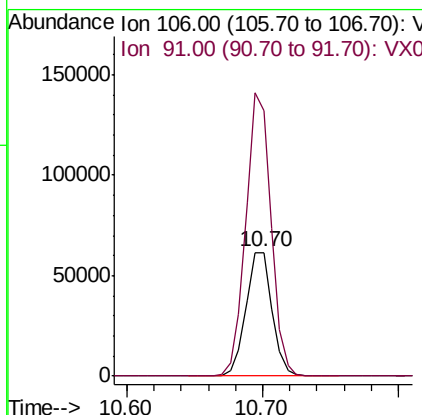
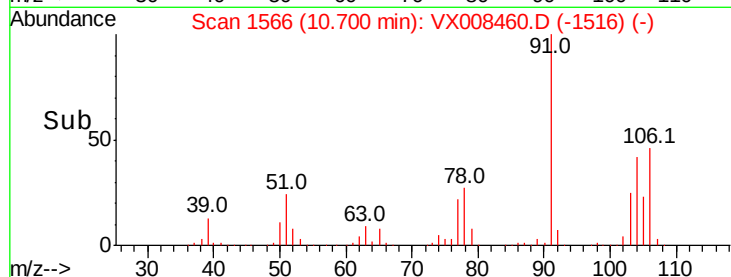
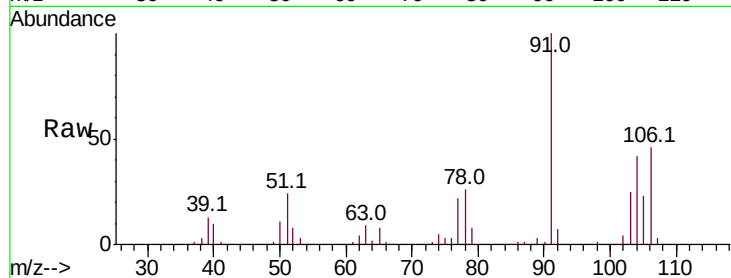
#69
o-Xylene
Concen: 18.566 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion:106 Resp: 82625
Ion Ratio Lower Upper
106 100
91 222.7 111.4 334.2

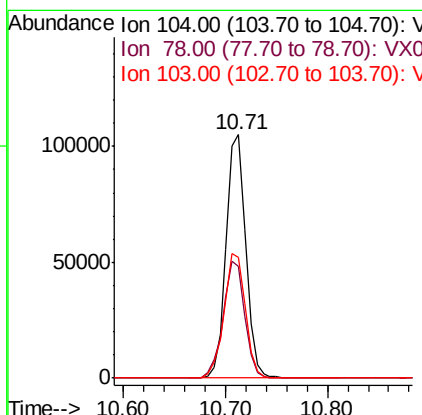
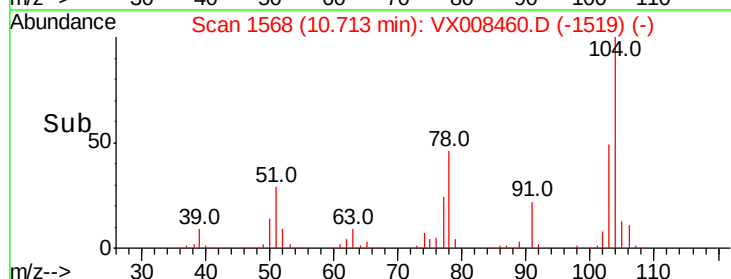
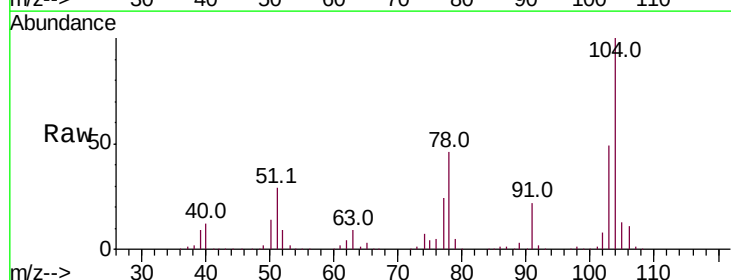
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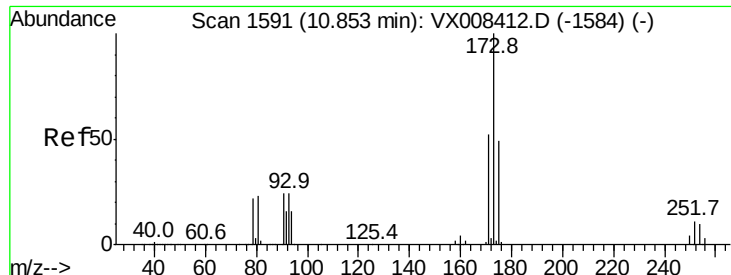
MMDadoda
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#70
Styrene
Concen: 18.276 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion:104 Resp: 140497
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 55.6 44.2 66.4





#71

Bromoform

Concen: 16.956 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion:173 Resp: 30857

Ion Ratio Lower Upper

173 100

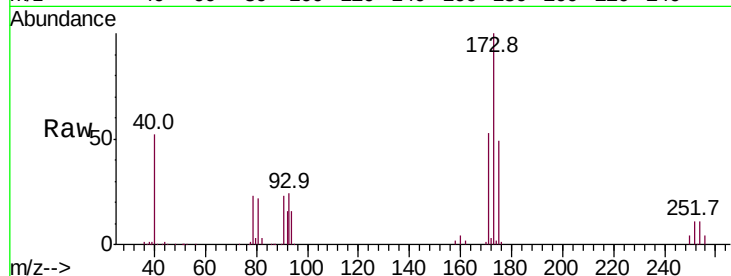
175 48.9 24.3 72.8

254 0.0 0.2 0.2#

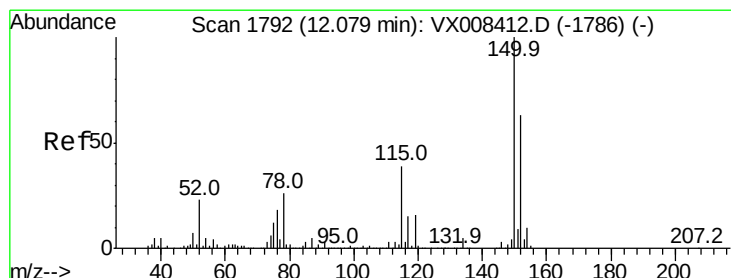
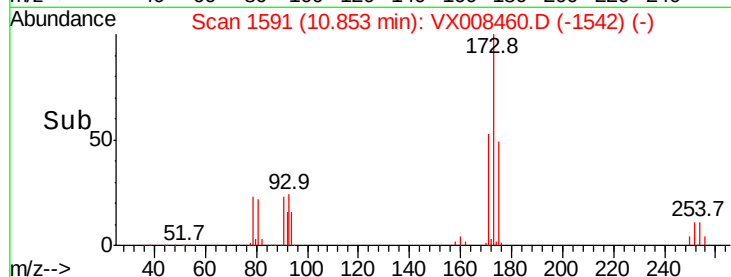
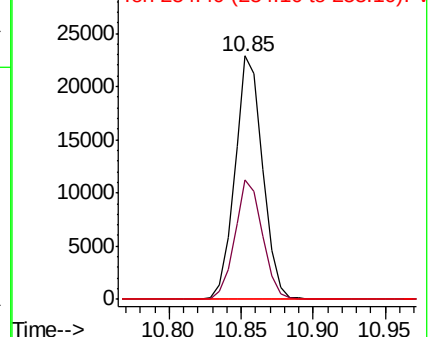
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

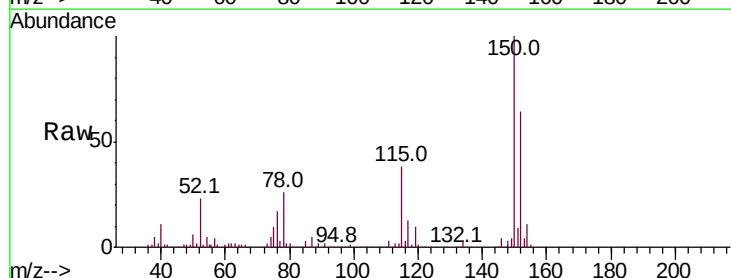
Tgt Ion:152 Resp: 144148

Ion Ratio Lower Upper

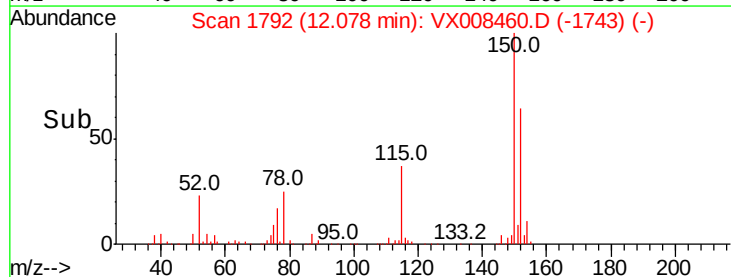
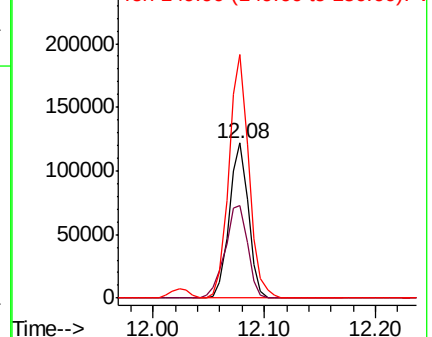
152 100

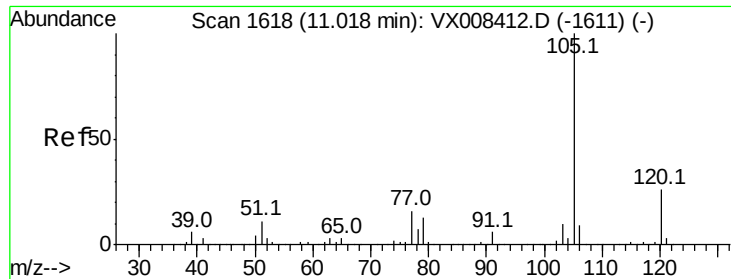
115 70.6 43.5 130.5

150 164.3 0.0 348.8



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: 18.451 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion:105 Resp: 216383

Ion Ratio Lower Upper

105 100

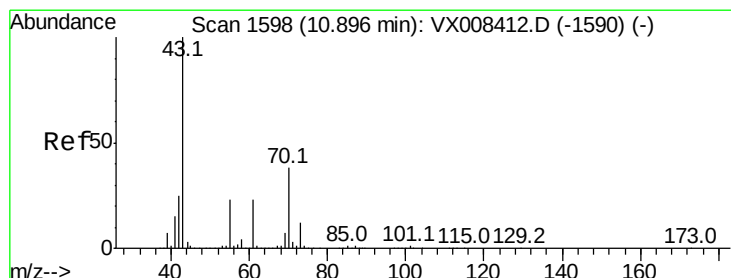
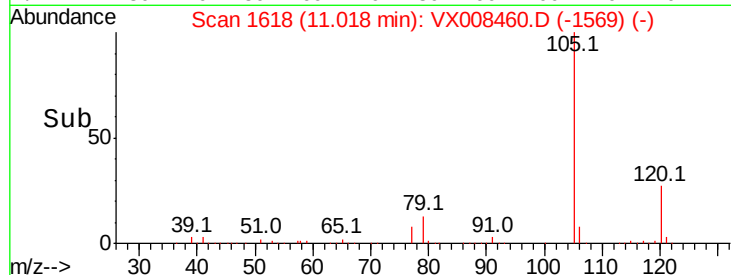
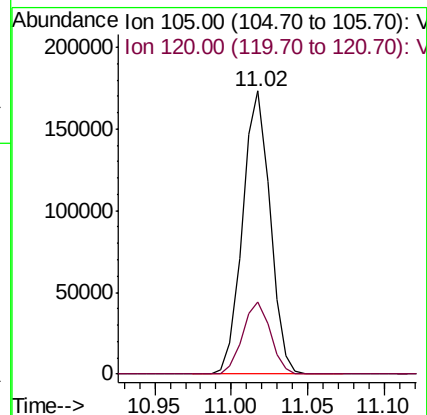
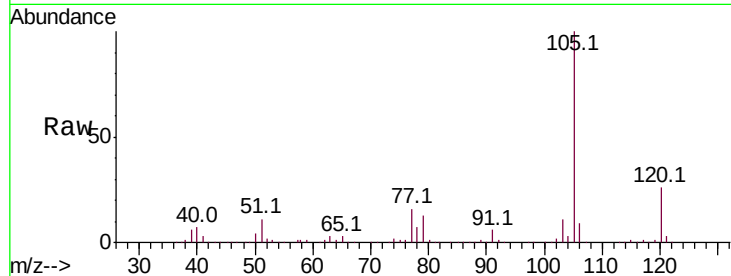
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 18.057 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Tgt Ion: 43 Resp: 122570

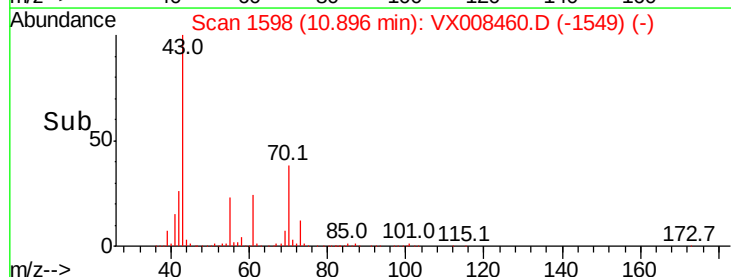
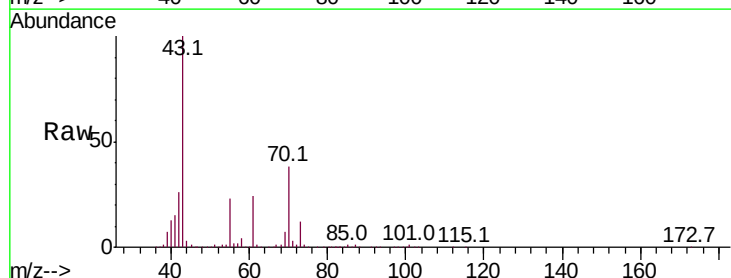
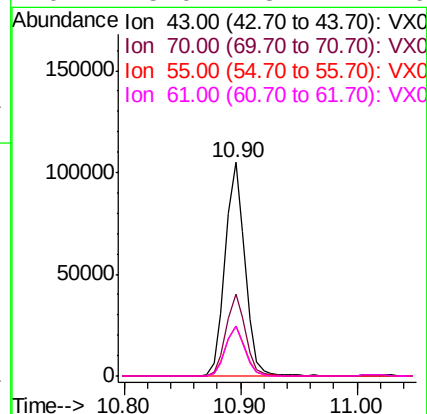
Ion Ratio Lower Upper

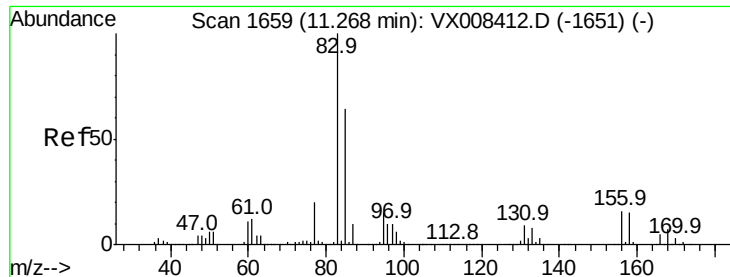
43 100

70 37.9 30.5 45.7

55 23.4 18.2 27.2

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.751 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

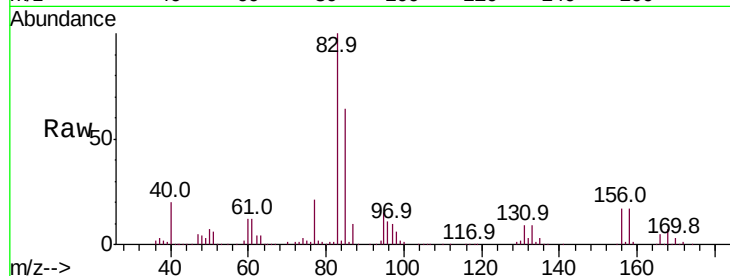
ClientSampleId :

VX0326WBSD01

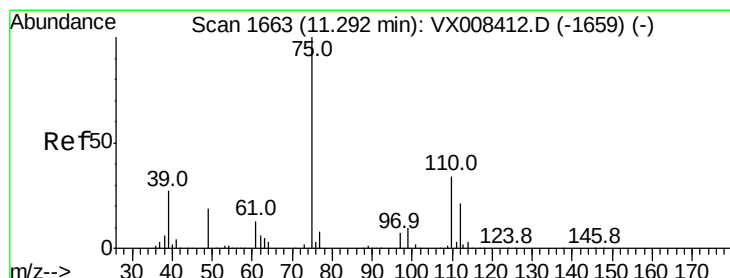
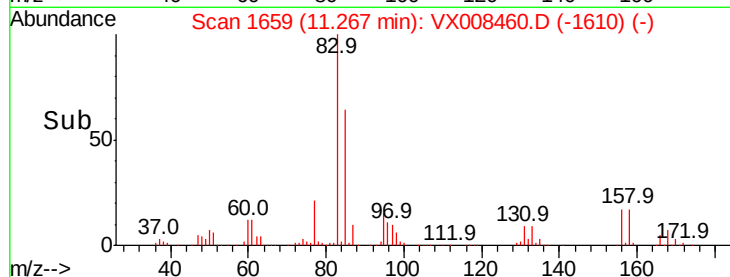
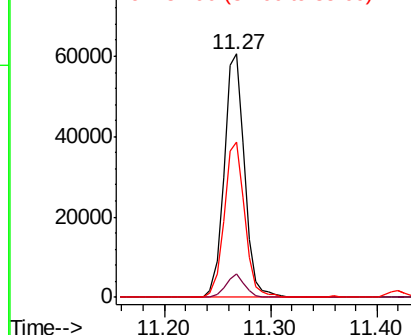
Tot Ion:	83	Resp:	80767
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	64.4	31.9	95.9

Manual Integrations
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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: 15.744 ug/l m

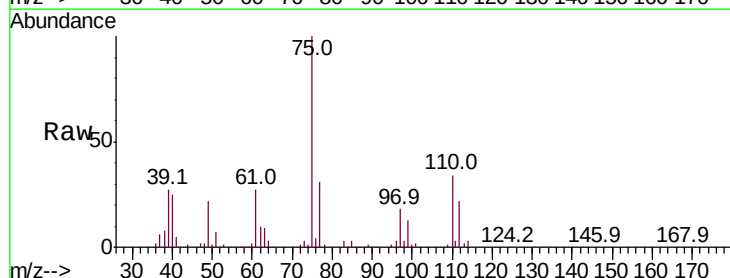
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

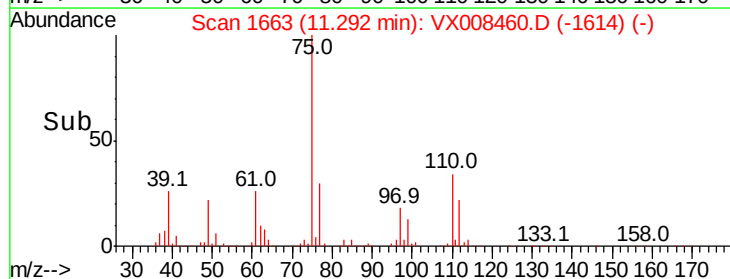
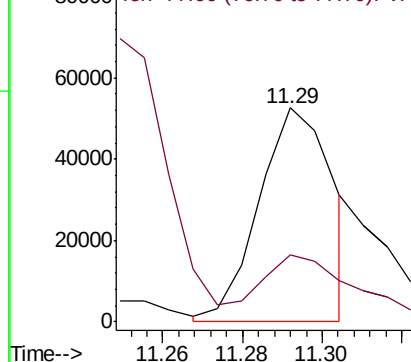
Lab File: VX008460.D

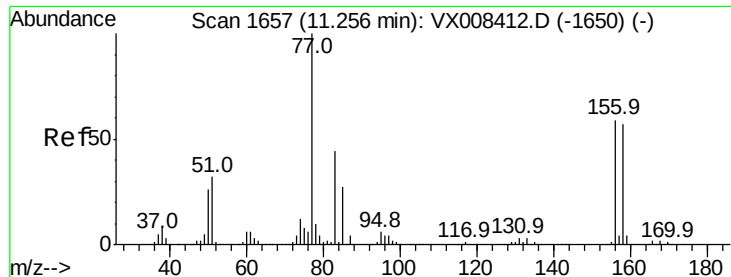
Acq: 26 Mar 2019 17:35

Tgt Ion:	75	Resp:	67470
Ion	Ratio	Lower	Upper
75	100		
77	41.3	21.9	65.7



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





#77

Bromobenzene

Concen: 17.955 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion:156 Resp: 51103

Ion Ratio Lower Upper

156 100

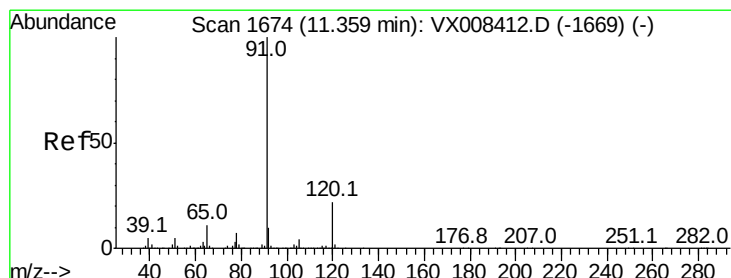
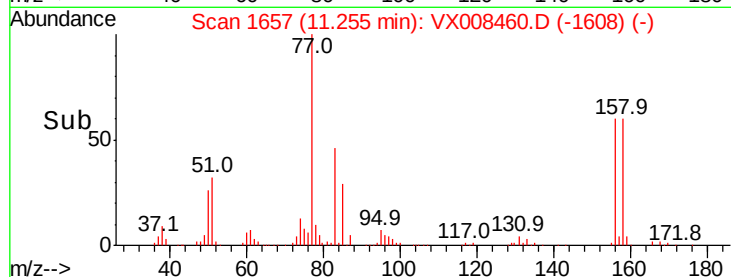
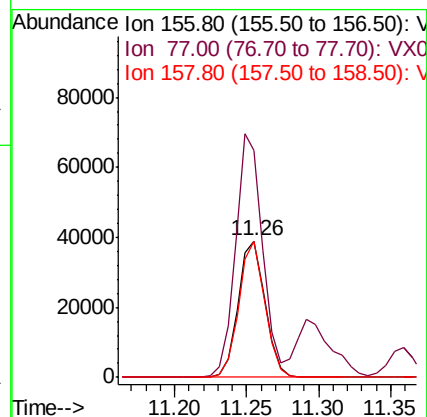
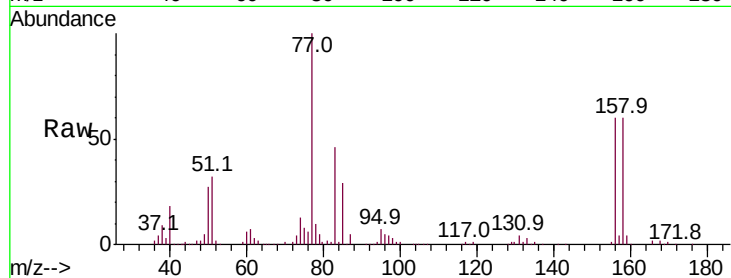
77 178.2 91.1 273.3

158 96.3 48.3 144.8

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#78

n-propylbenzene

Concen: 18.567 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008460.D

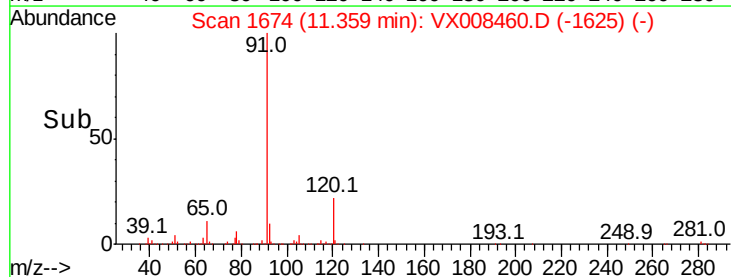
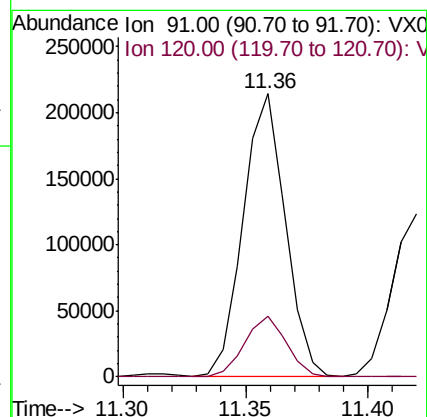
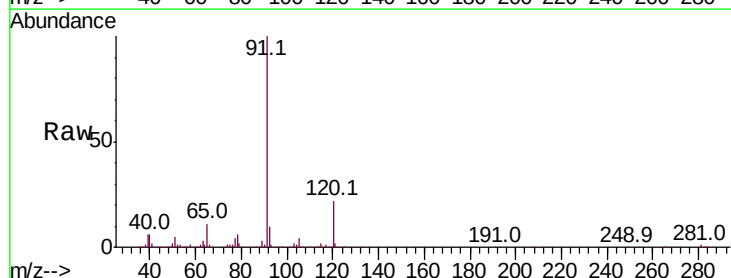
Acq: 26 Mar 2019 17:35

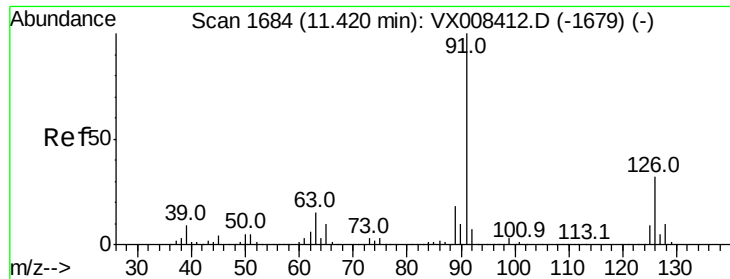
Tgt Ion: 91 Resp: 255059

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.4





#79

2-Chlorotoluene

Concen: 18.189 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampled :

VX0326WBSD01

Tot Ion: 91 Resp: 151981

Ion Ratio Lower Upper

91 100

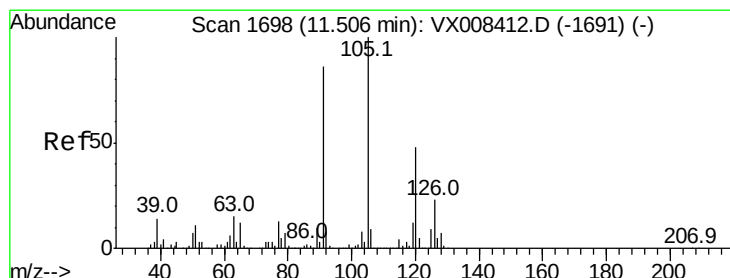
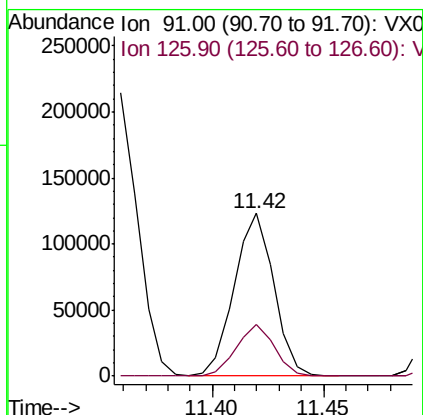
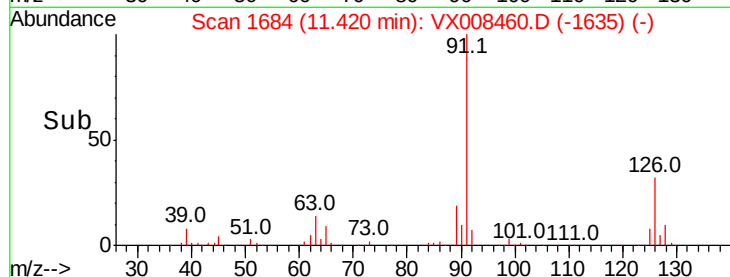
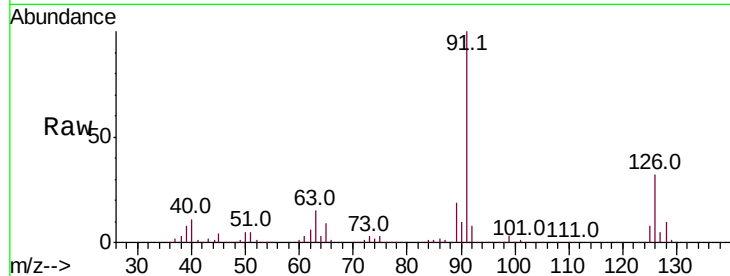
126 31.2 15.7 47.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.457 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008460.D

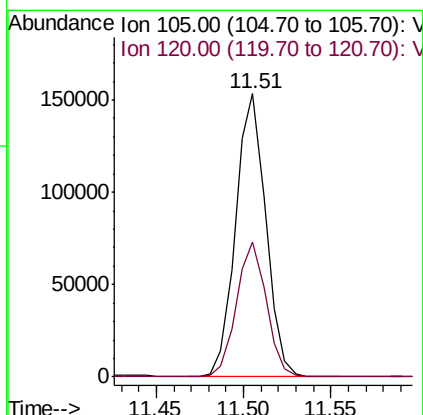
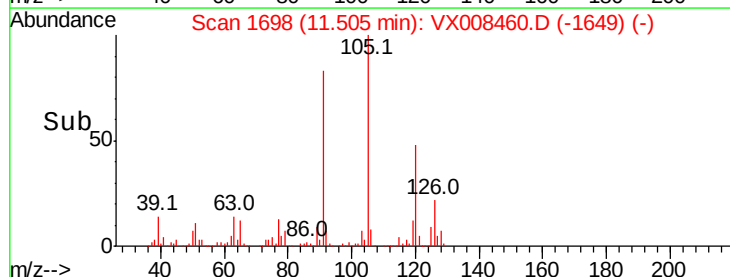
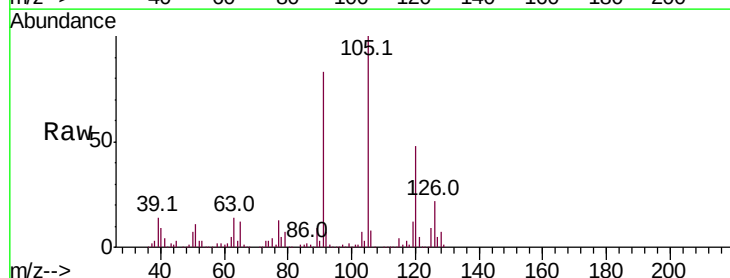
Acq: 26 Mar 2019 17:35

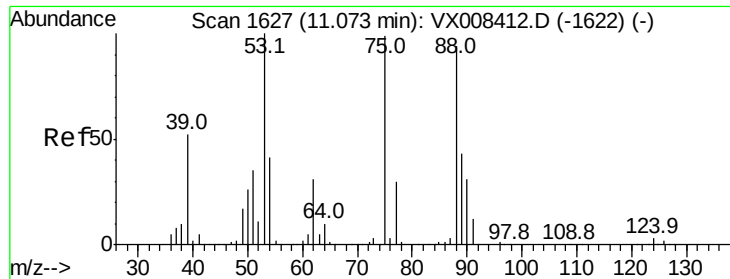
Tgt Ion: 105 Resp: 182990

Ion Ratio Lower Upper

105 100

120 47.3 23.4 70.3





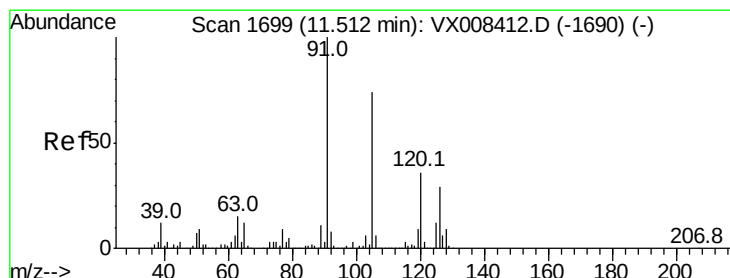
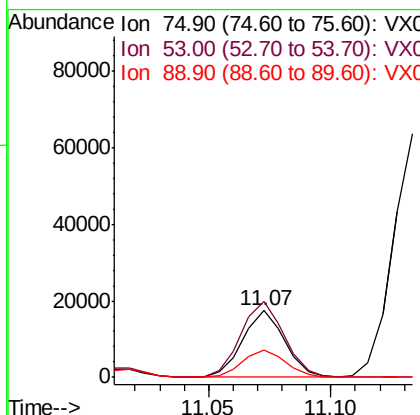
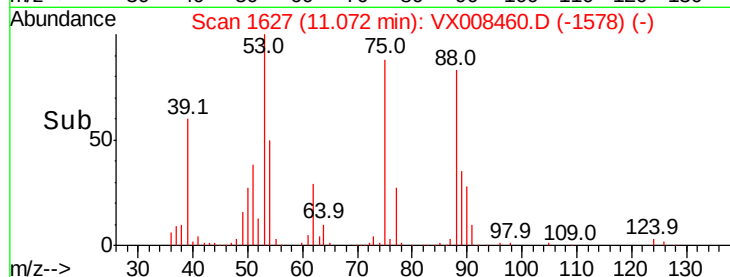
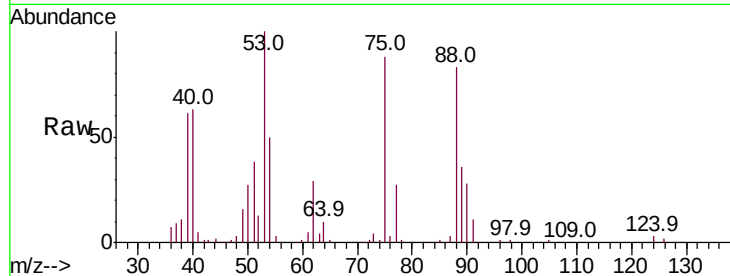
#81
trans-1,4-Dichloro-2-butene
Concen: 15.462 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.8	82.1	123.1
89	42.2	34.6	52.0

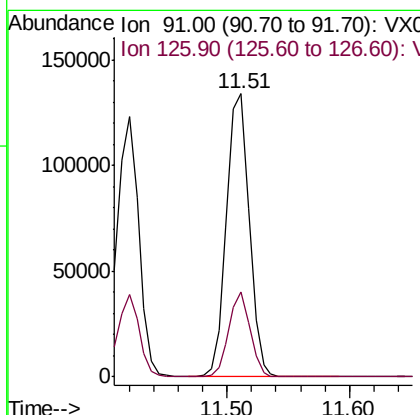
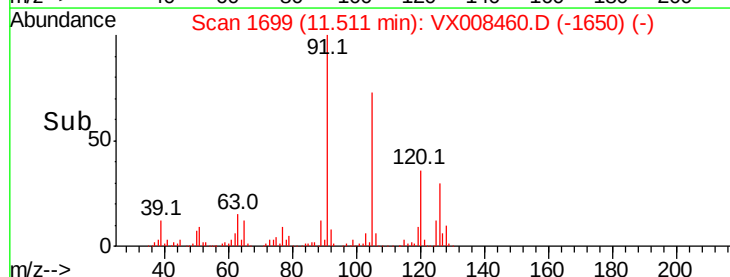
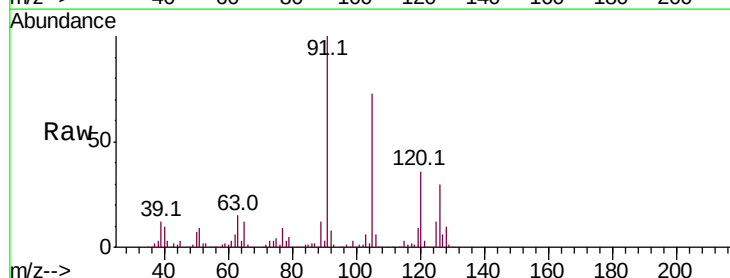
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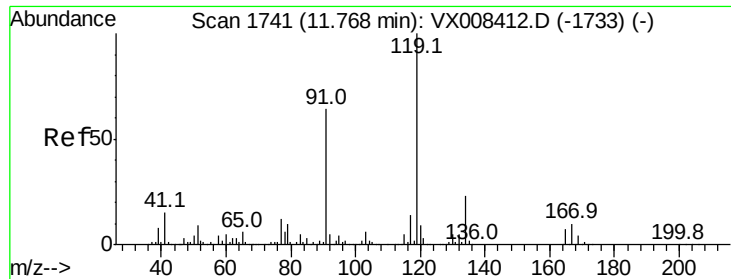
MMDadoda
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#82
4-Chlorotoluene
Concen: 17.860 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.3	13.9	41.7





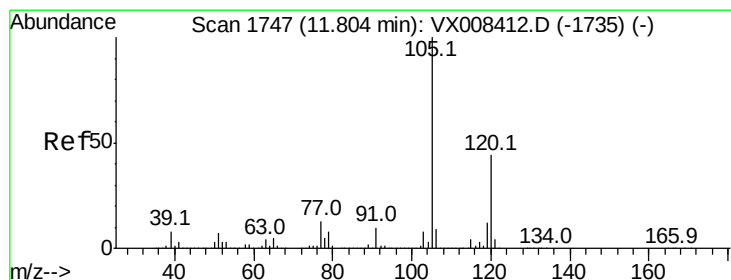
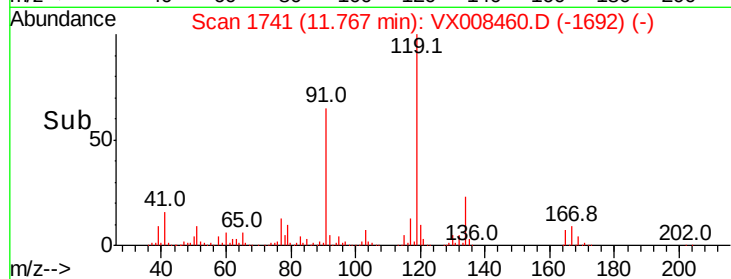
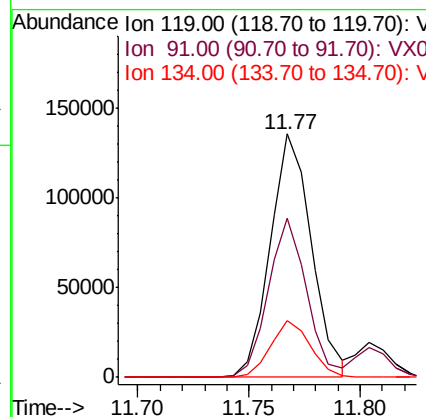
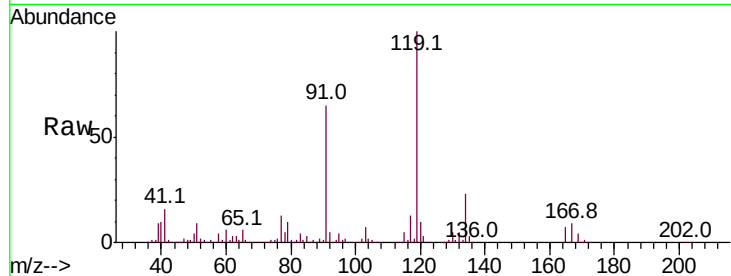
#83
 tert-Butylbenzene
 Concen: 18.259 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Instrument :
 MSVOA_X
 ClientSampled :
 VX0326WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	174654		
91	61.4	30.1	90.3	
134	22.4	10.9	32.9	

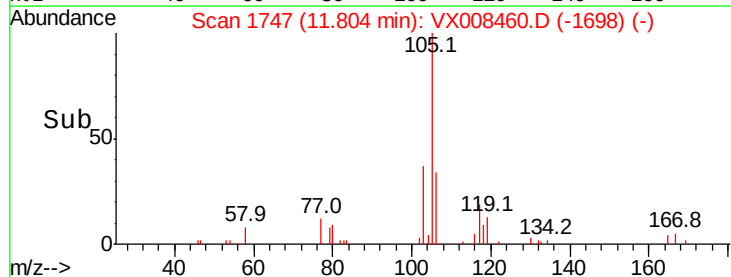
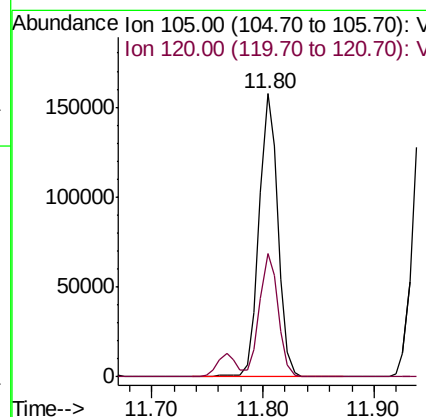
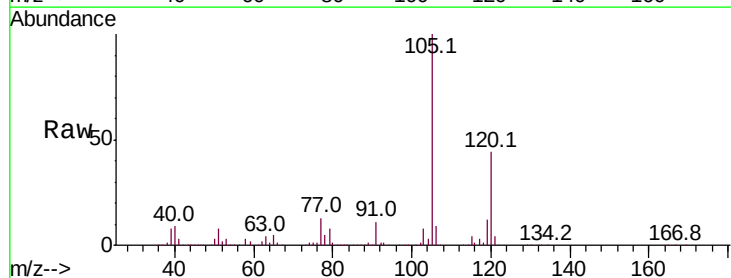
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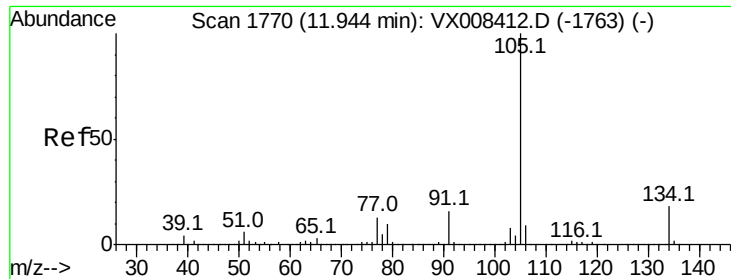
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.549 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	186012		
120	42.6	21.6	65.0	





#85

sec-Butylbenzene

Concen: 18.508 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion:105 Resp: 210826

Ion Ratio Lower Upper

105 100

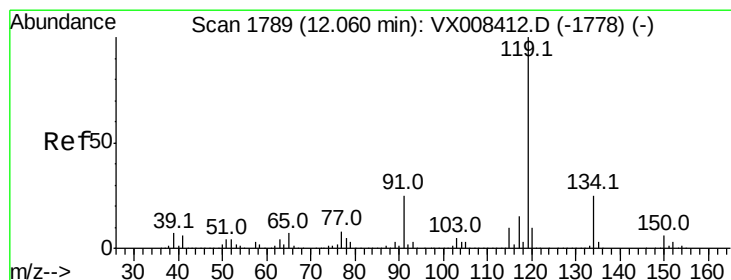
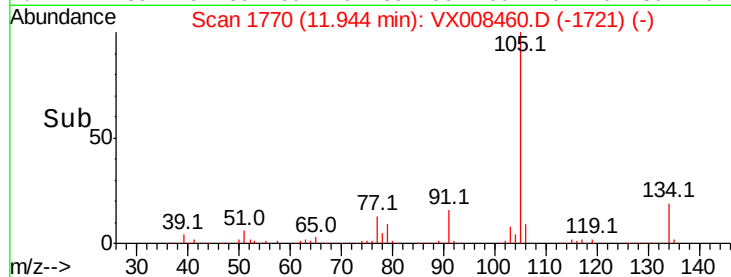
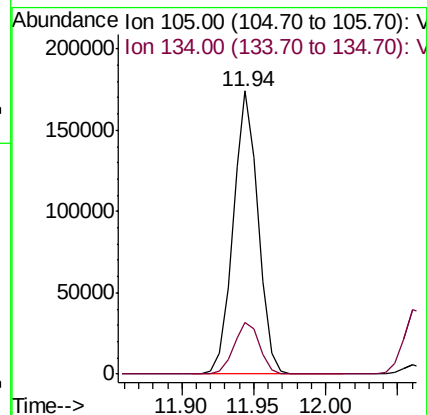
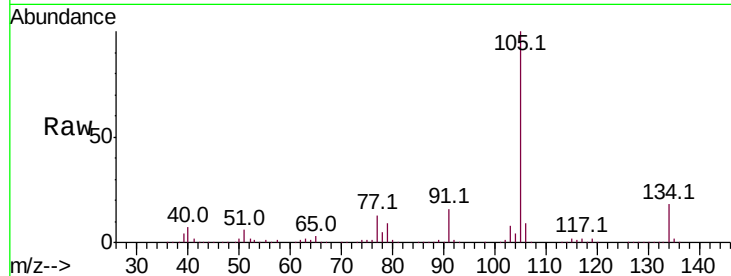
134 19.1 9.3 28.0

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#86

p-Isopropyltoluene

Concen: 18.804 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

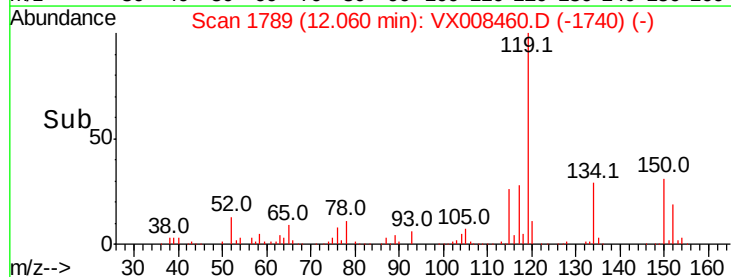
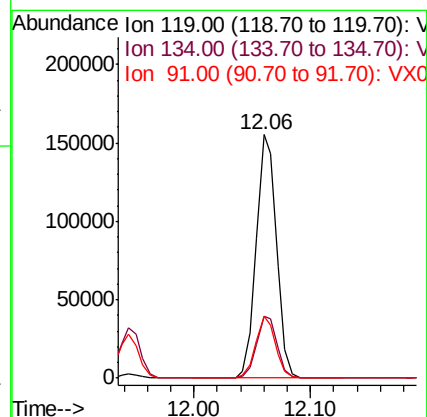
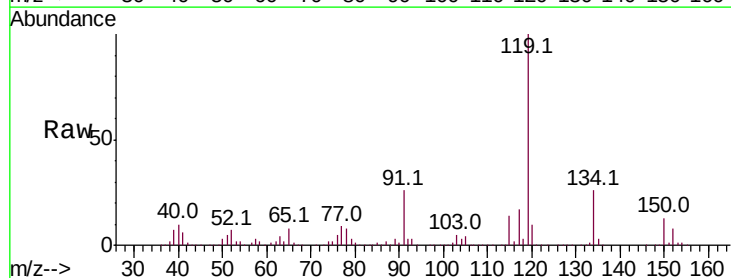
Tgt Ion:119 Resp: 189007

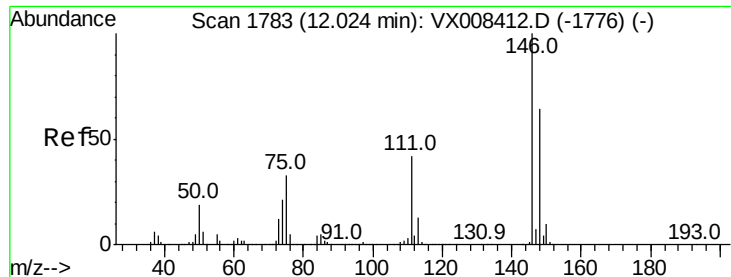
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.9 12.4 37.0





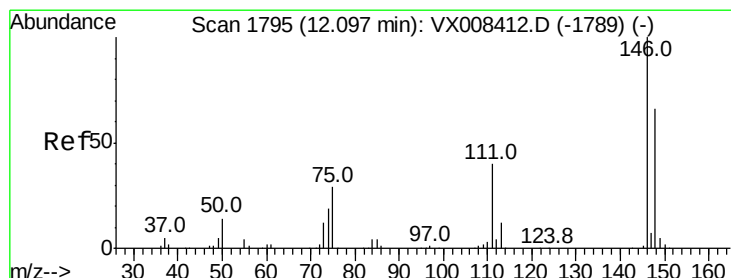
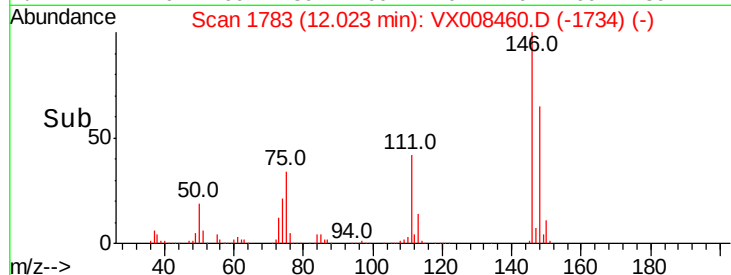
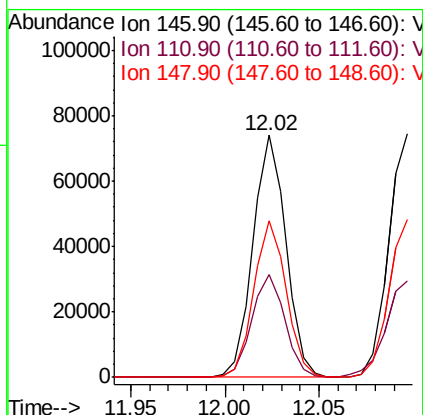
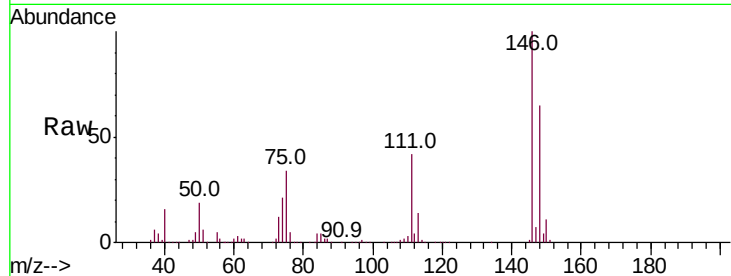
#87
 1,3-Dichlorobenzene
 Concen: 17.654 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.5
148	63.7	32.0	96.0

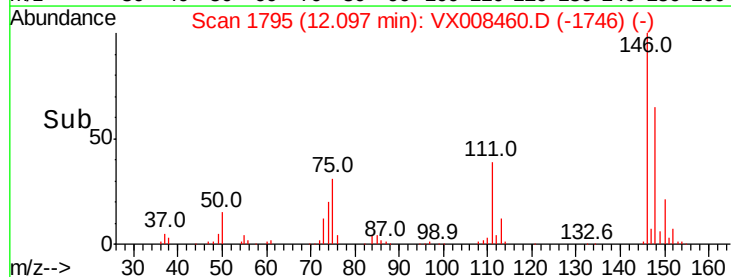
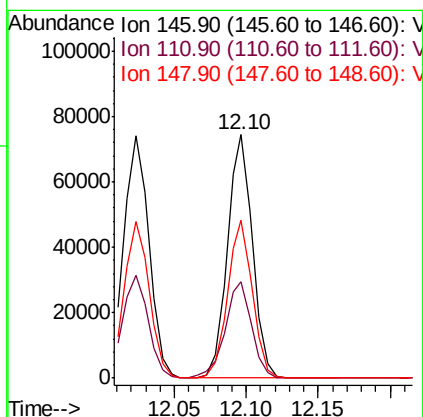
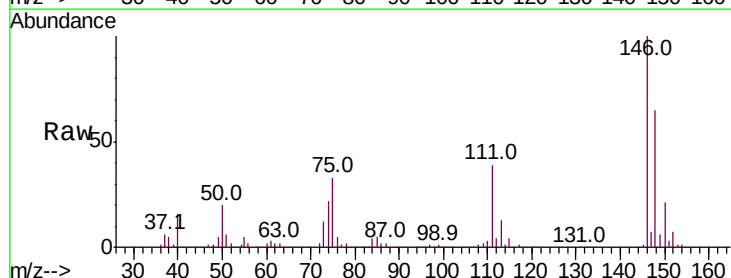
Manual Integrations
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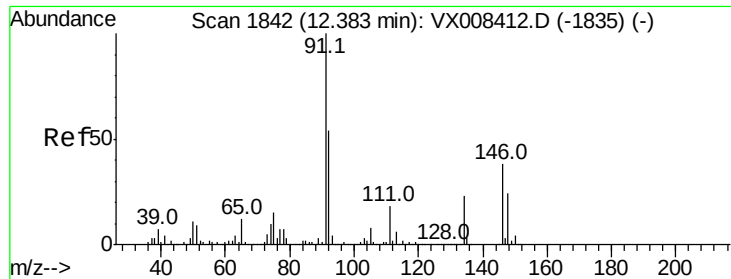
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#88
 1,4-Dichlorobenzene
 Concen: 17.716 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	61.0
148	64.4	32.1	96.5





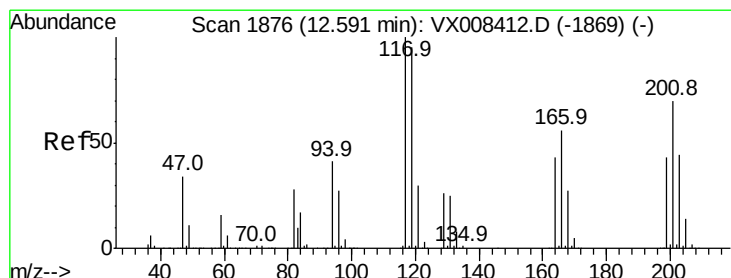
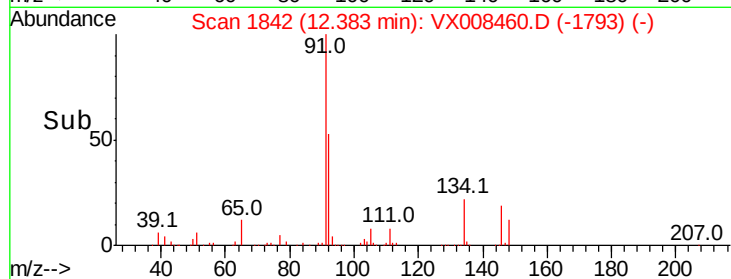
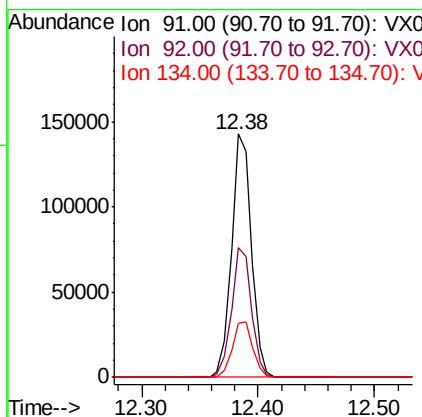
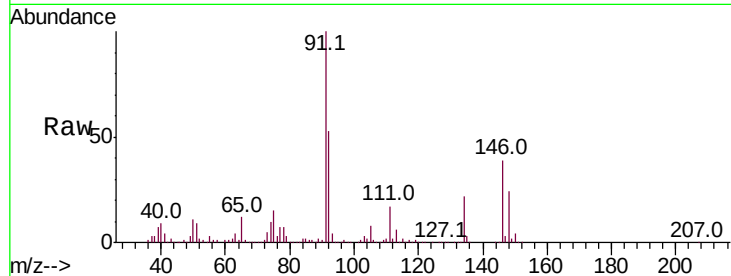
#89
n-Butylbenzene
Concen: 17.889 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.5
134	23.6	11.8	35.4

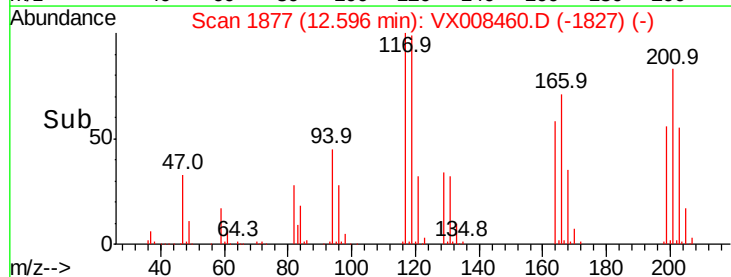
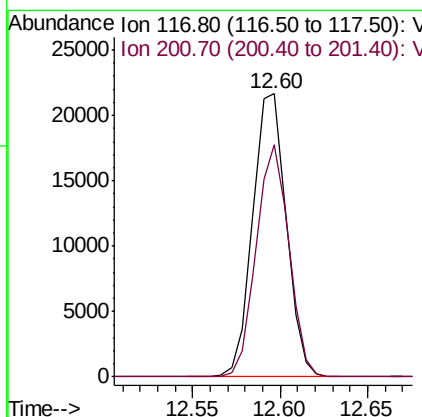
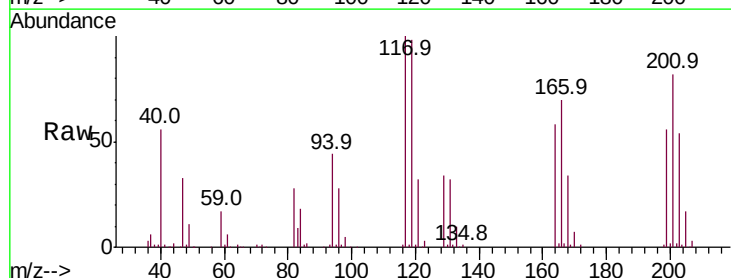
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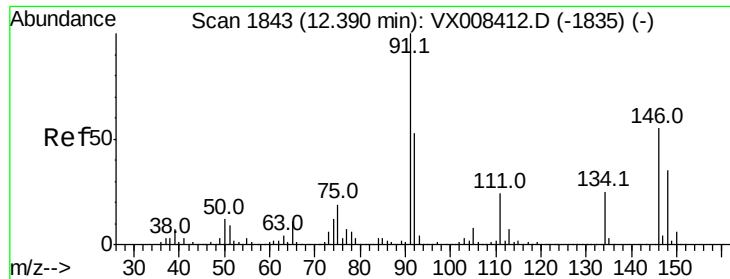
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#90
Hexachloroethane
Concen: 17.304 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.4	118.1





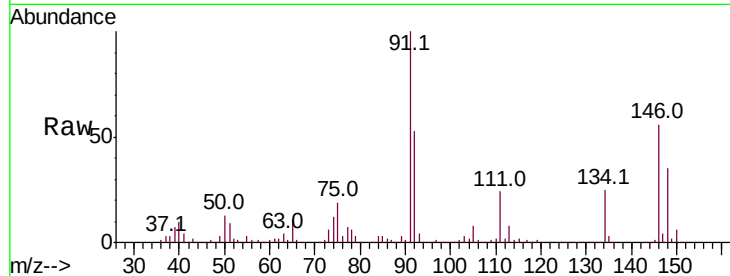
#91
 1,2-Dichlorobenzene
 Concen: 18.114 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	63.4	31.9	95.7

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MMDadoda
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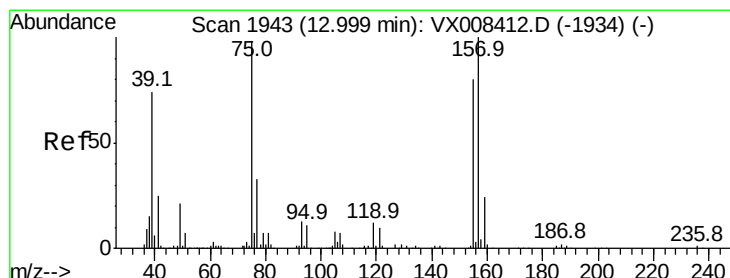
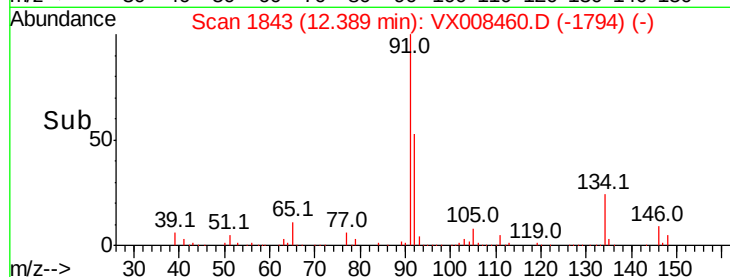
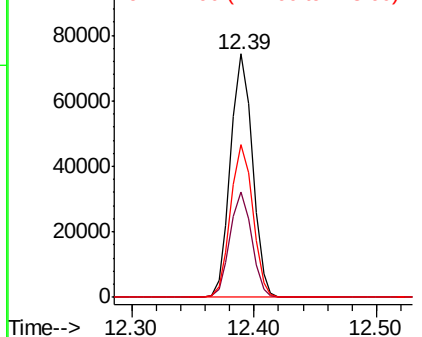


Abundance

Ion 145.90 (145.60 to 146.60): V

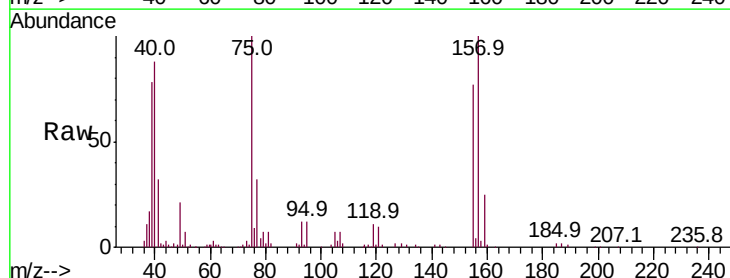
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.193 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	39.5	118.5
157	98.6	49.9	149.7

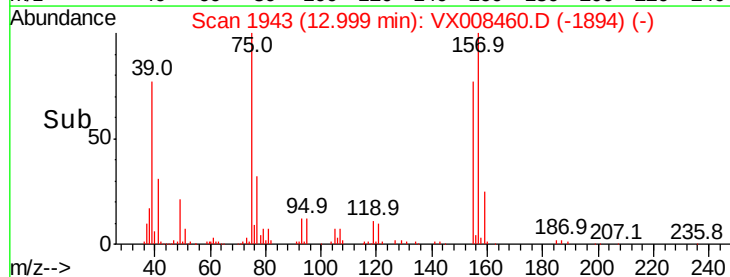
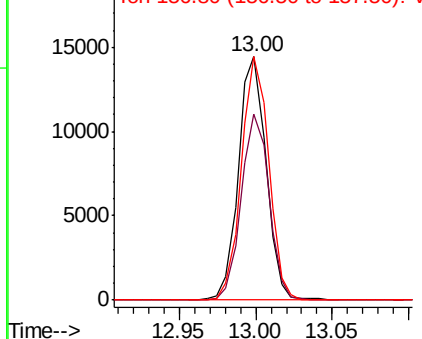


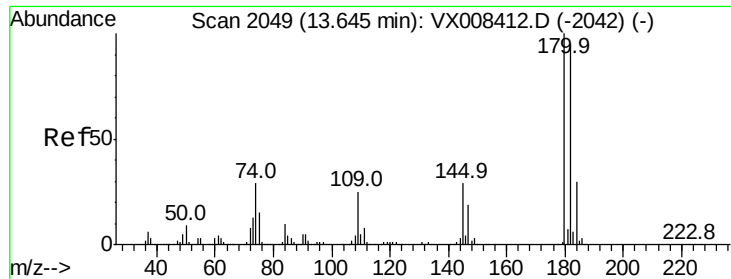
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





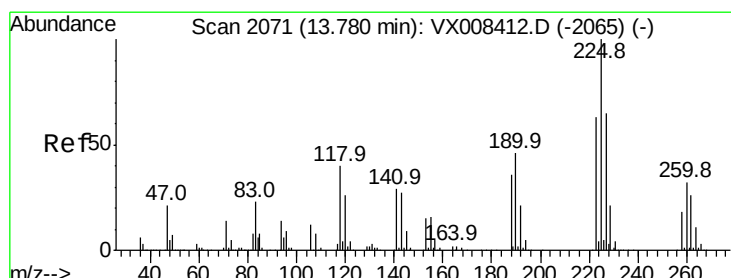
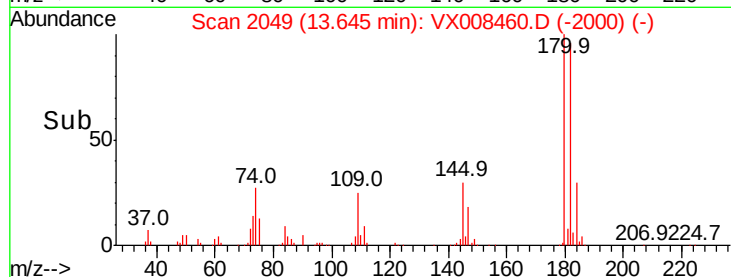
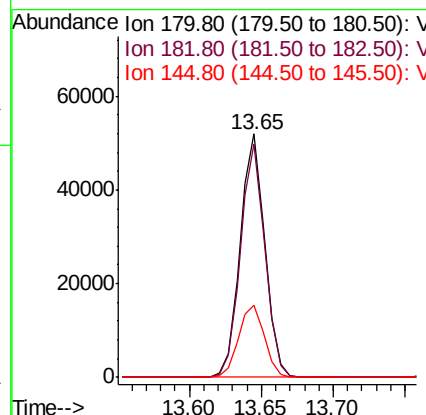
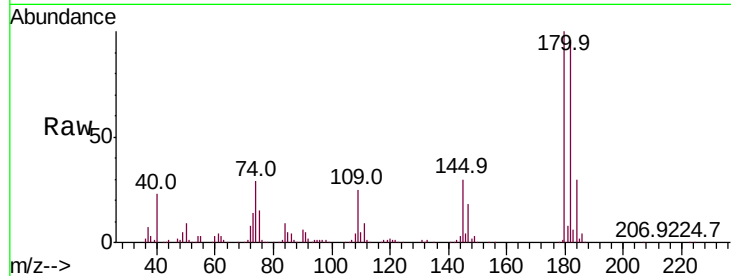
#93
1,2,4-Trichlorobenzene
Concen: 18.093 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	31.0	15.3	45.8

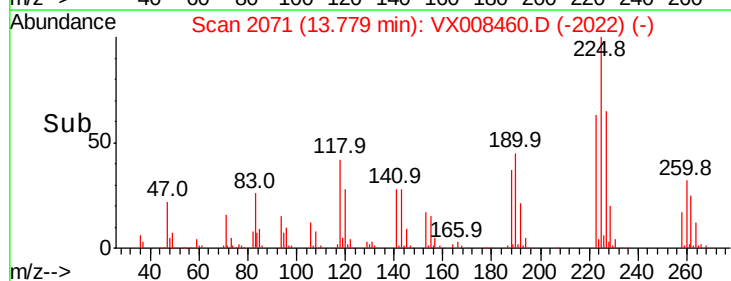
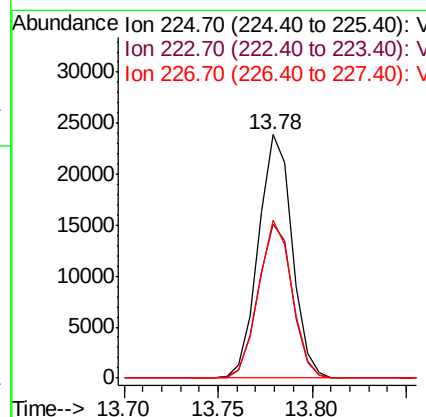
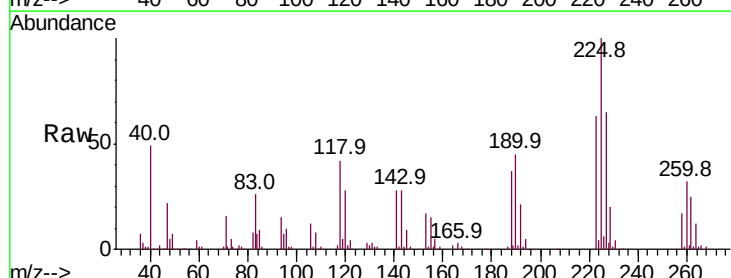
Manual Integrations
APPROVED

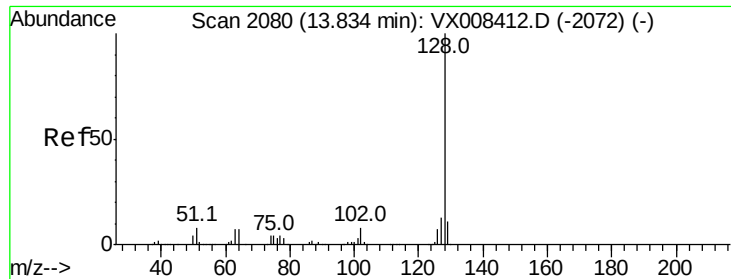
MMDadoda
3/27/2019 10:41:08 AM



#94
Hexachlorobutadiene
Concen: 18.181 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.4	94.0
227	64.3	31.9	95.9





#95

Naphthalene

Concen: 19.584 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Instrument :

MSVOA_X

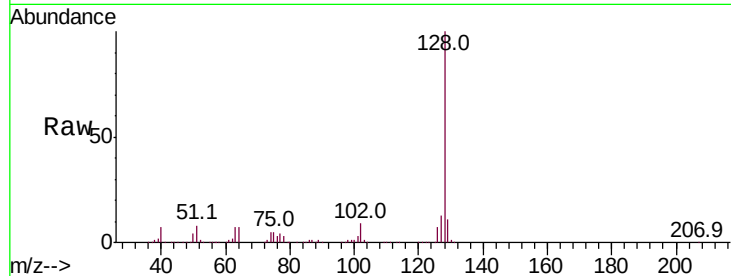
ClientSampleId :

VX0326WBSD01

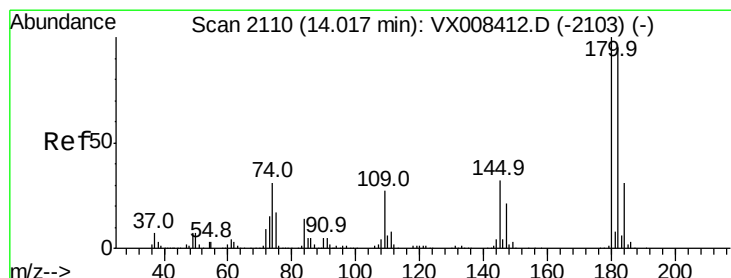
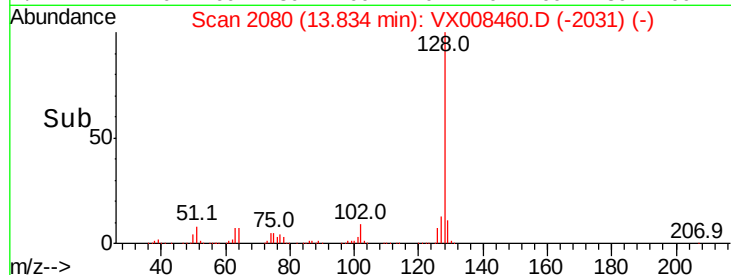
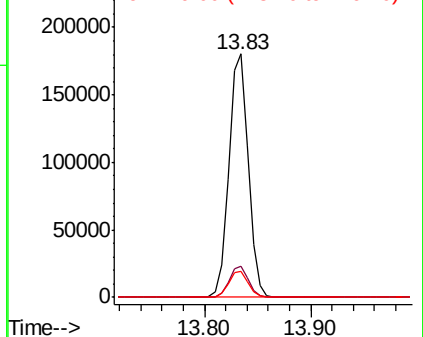
Tot Ion:	128	Resp:	230200
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/27/2019 10:41:08 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.198 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008460.D

Acq: 26 Mar 2019 17:35

Tgt Ion:	180	Resp:	66143
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.3	142.0
145	32.1	16.2	48.5

Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

