

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032619\
 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

Quant Time: Mar 27 01:52:56 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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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
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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	86195	20.114	ug/l	82
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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Instrument :
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ClientSampleId :
VX0326WBSD01

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Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
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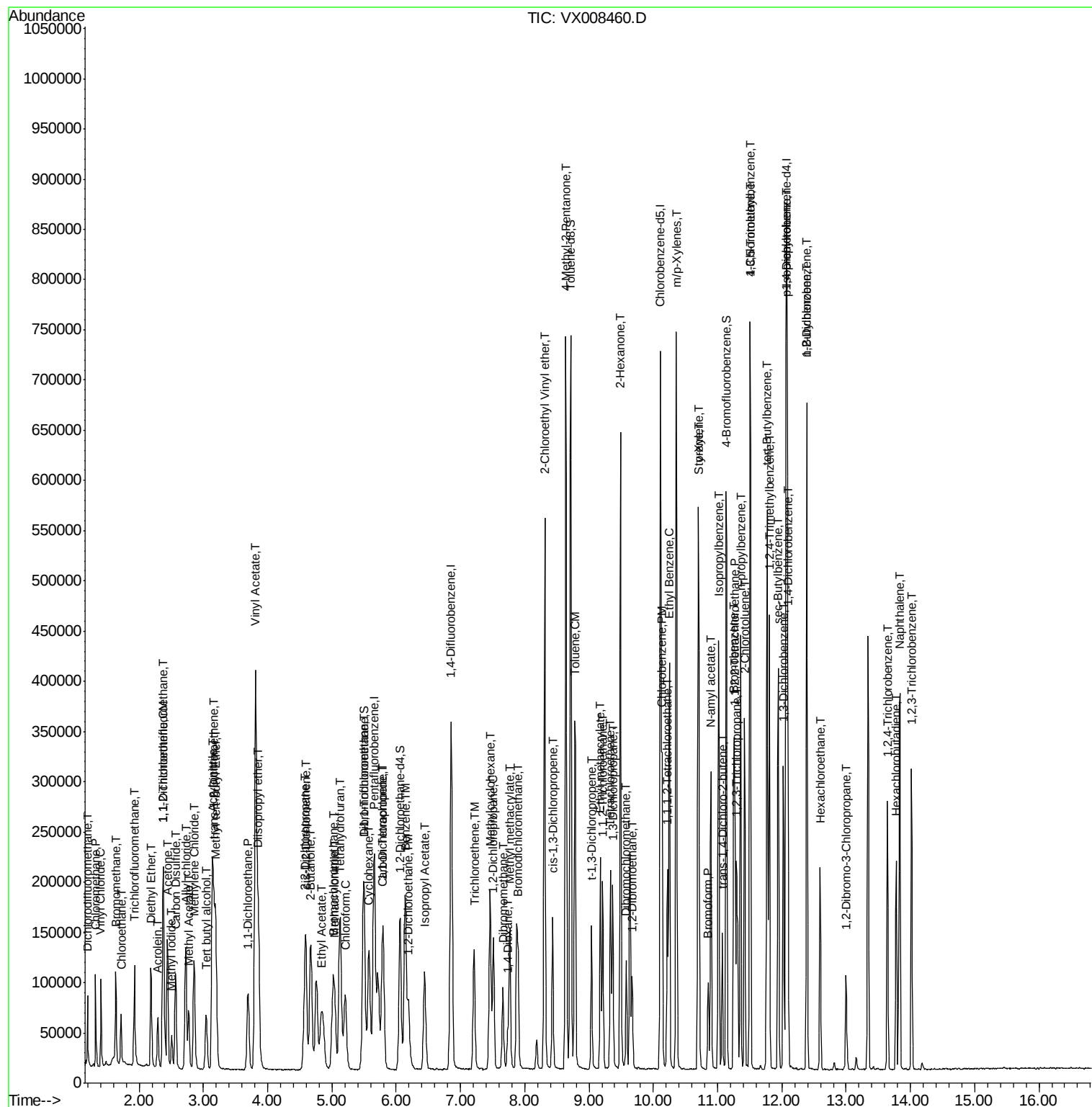
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62035	18.093	ug/l	99
94) Hexachlorobutadiene	13.78	225	29599	18.181	ug/l	99
95) Naphthalene	13.83	128	230200	19.584	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	66143	19.198	ug/l	98

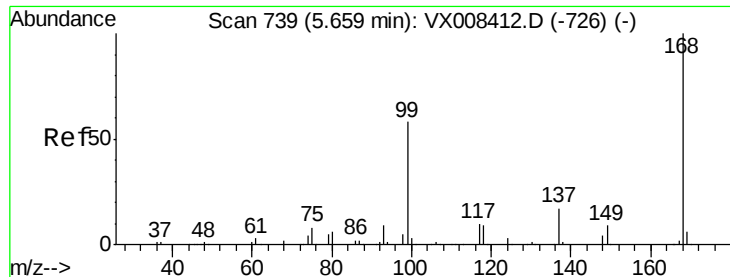
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Data File : VX008460.D
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Quant Time: Mar 27 01:52:56 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#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 :

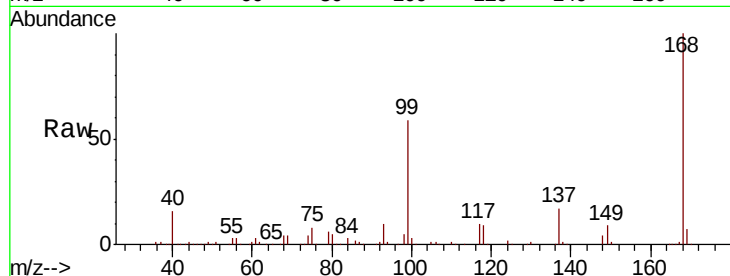
VX0326WBSD01

Tot Ion:168 Resp: 203393

Ion Ratio Lower Upper

168 100

99 58.8 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

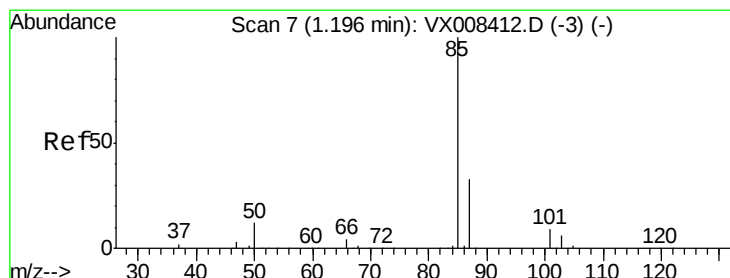
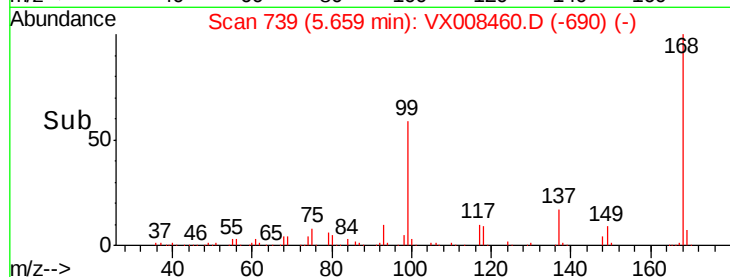
40000

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

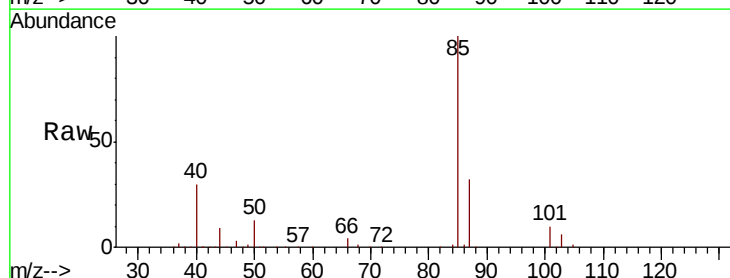
Acq: 26 Mar 2019 17:35

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

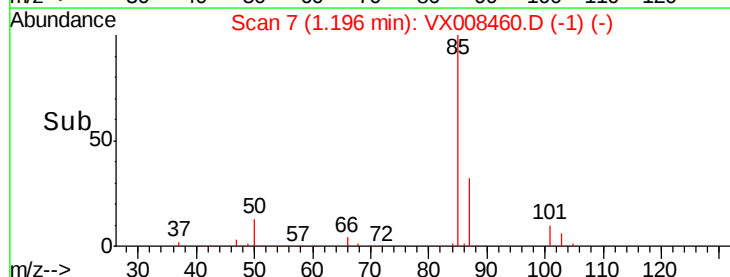
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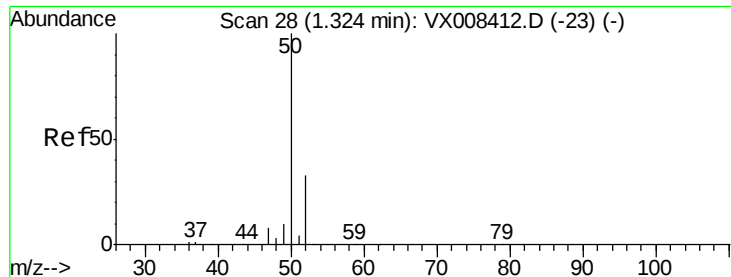
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Time-->

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 :

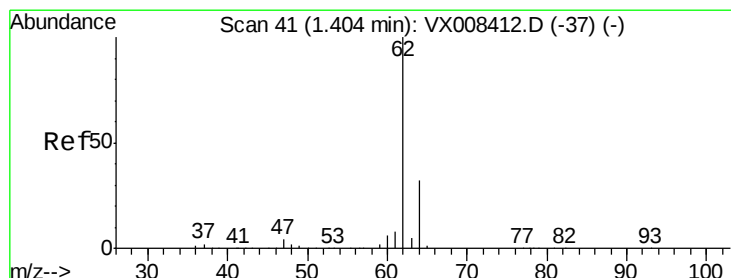
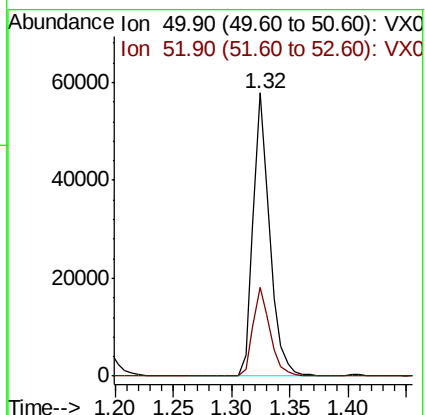
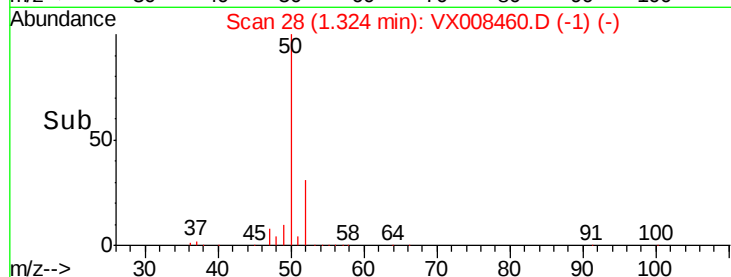
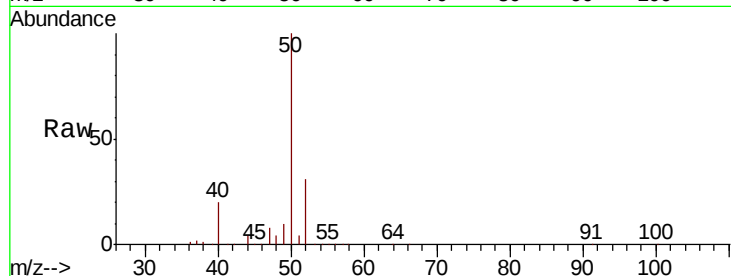
VX0326WBSD01

Tot Ion: 50 Resp: 58278

Ion Ratio Lower Upper

50 100

52 31.3 26.2 39.2



#4

Vinyl Chloride

Concen: 17.083 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008460.D

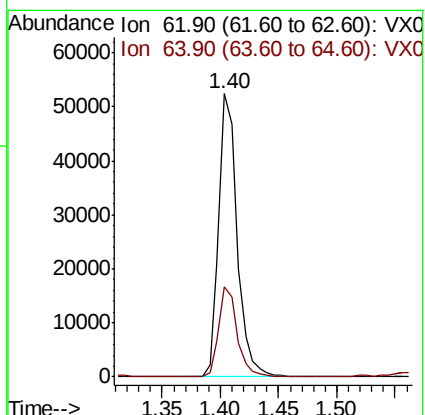
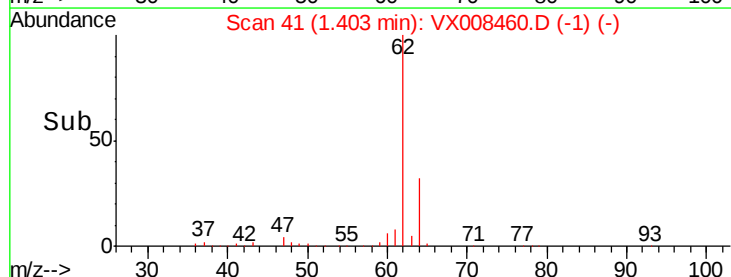
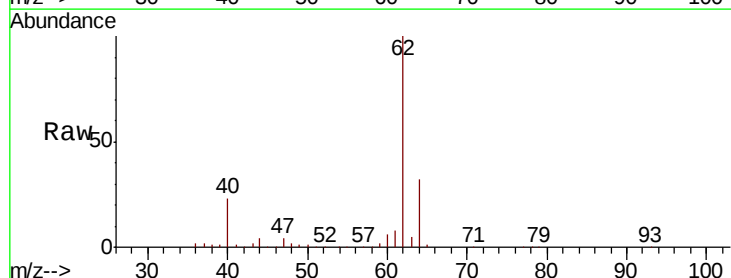
Acq: 26 Mar 2019 17:35

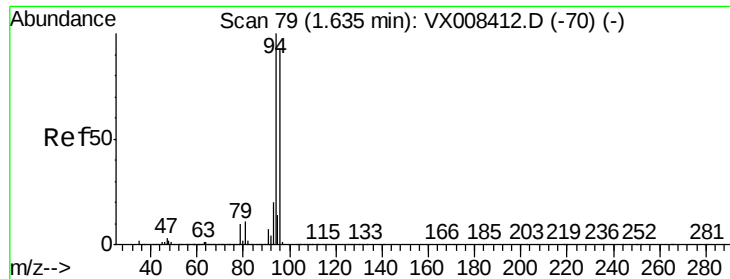
Tgt Ion: 62 Resp: 57184

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

ClientSampleId :

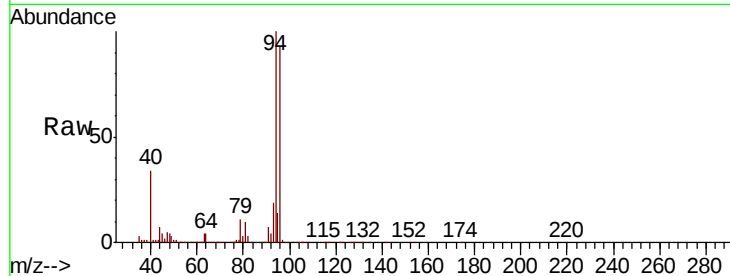
VX0326WBSD01

Tot Ion: 94 Resp: 27804

Ion Ratio Lower Upper

94 100

96 92.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

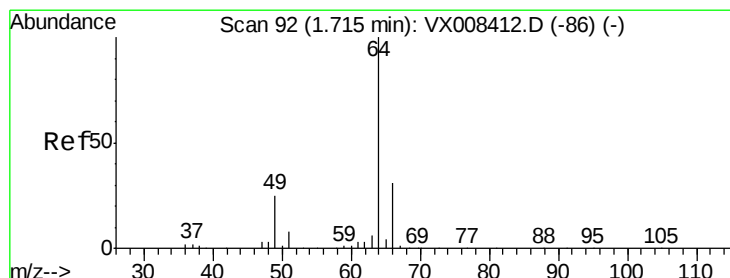
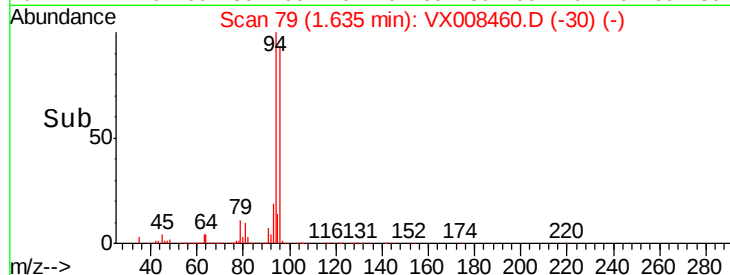
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 17.975 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008460.D

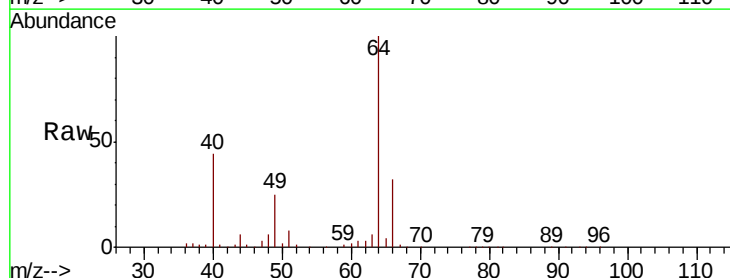
Acq: 26 Mar 2019 17:35

Tgt Ion: 64 Resp: 35645

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

25000

20000

15000

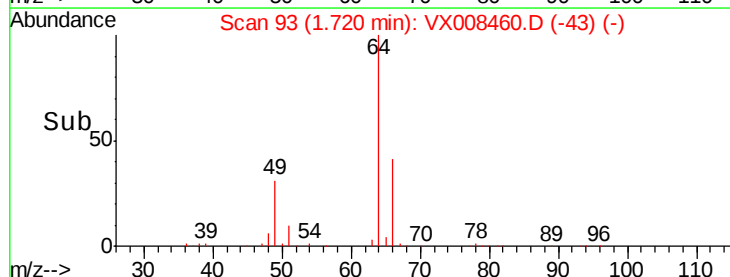
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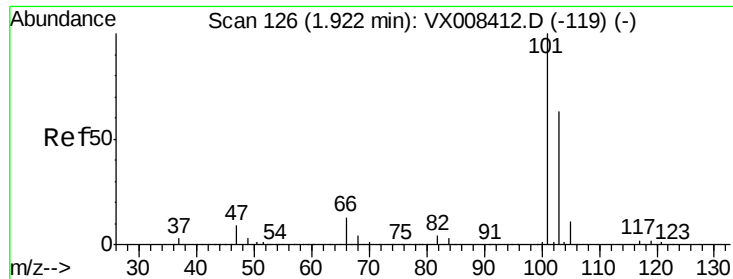
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Time-->

1.65 1.70 1.75 1.80



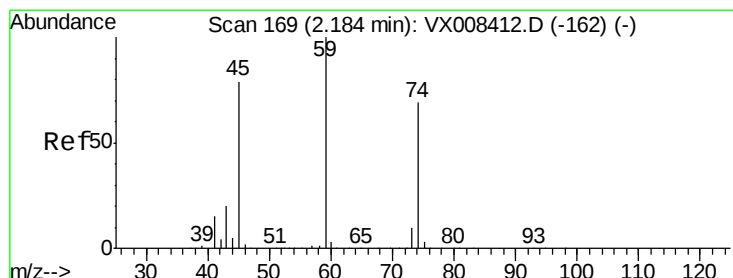
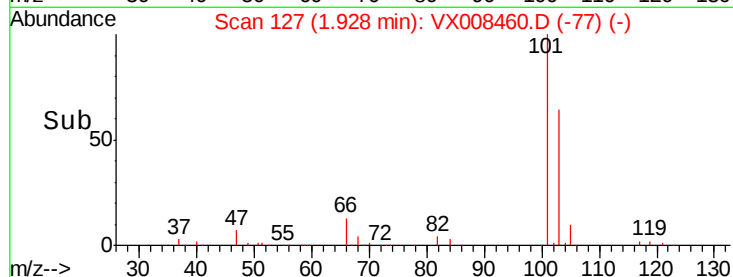
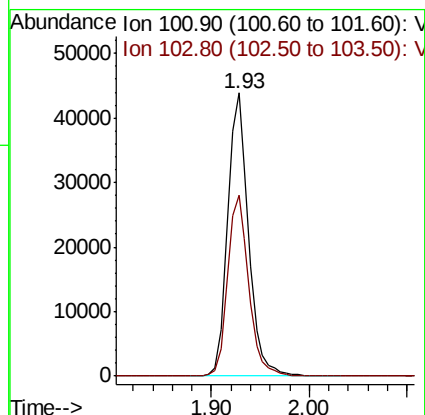
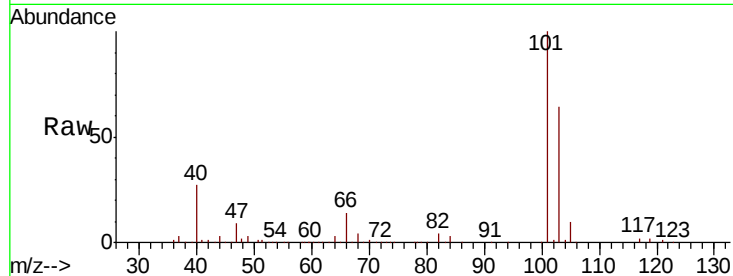


#7

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

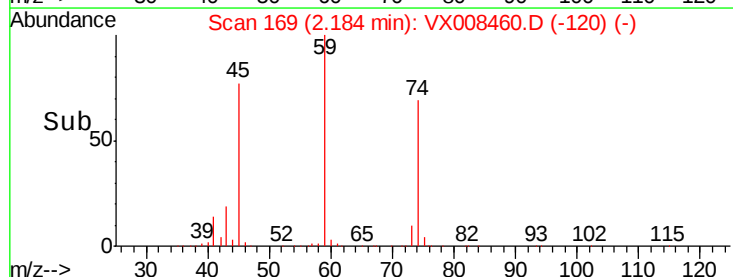
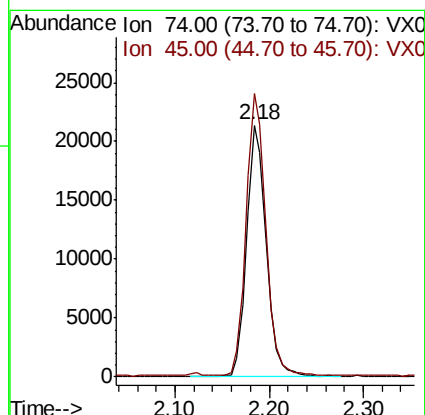
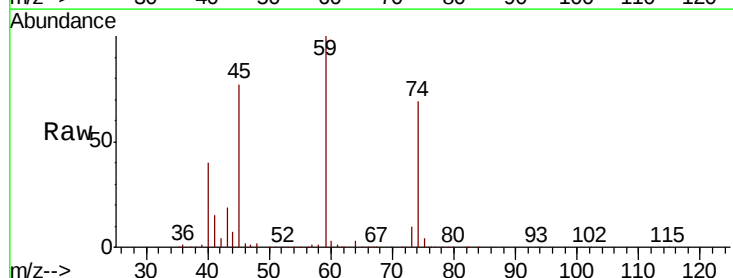
Tot Ion:101 Resp: 64521
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.2 75.4

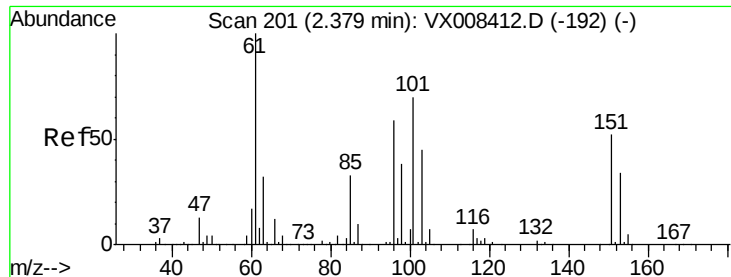


#8

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

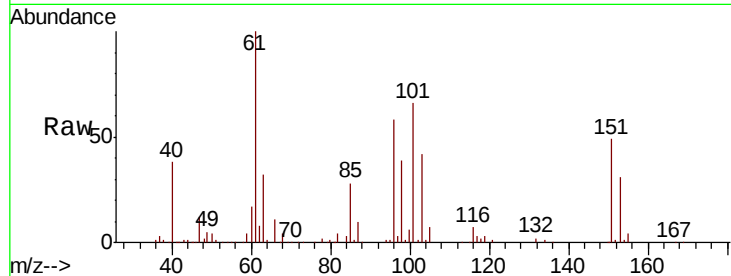
Tot Ion:101 Resp: 40401

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

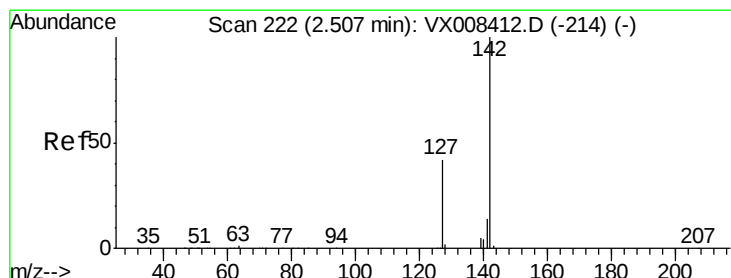
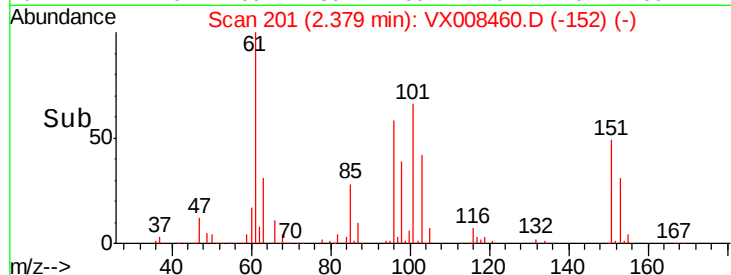
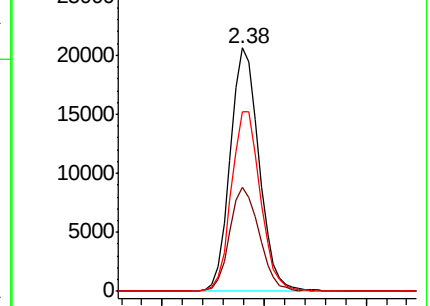
151 74.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#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

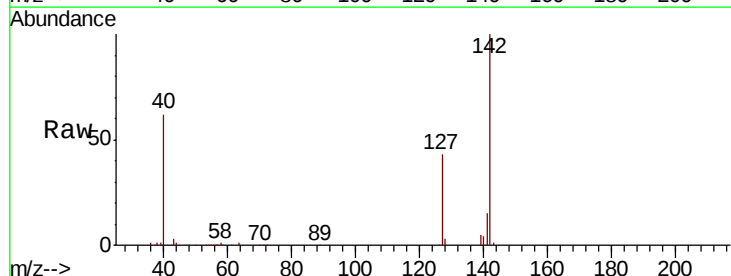
Tgt Ion:142 Resp: 34356

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

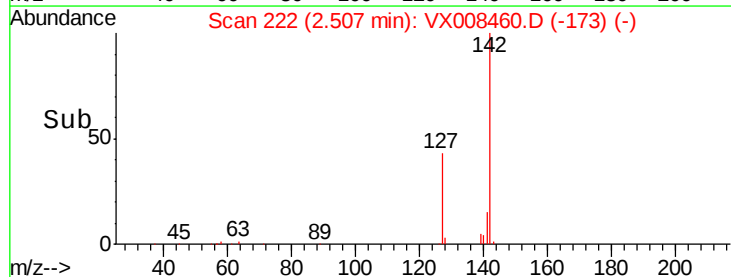
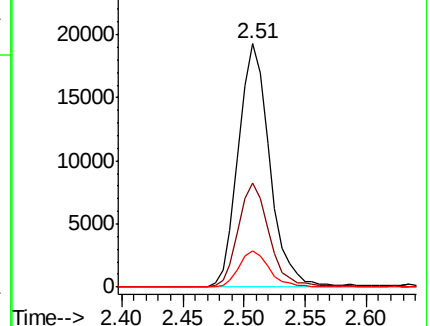
141 14.4 11.3 16.9

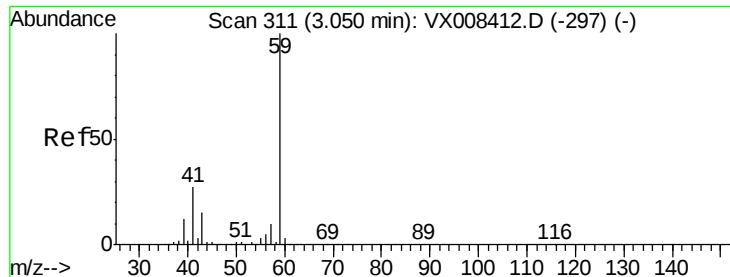


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

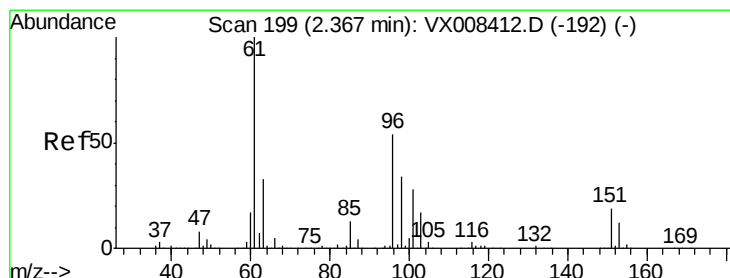
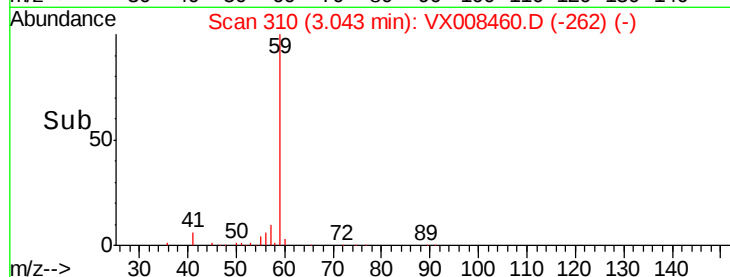
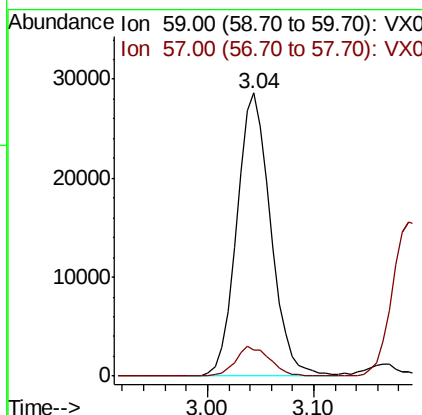
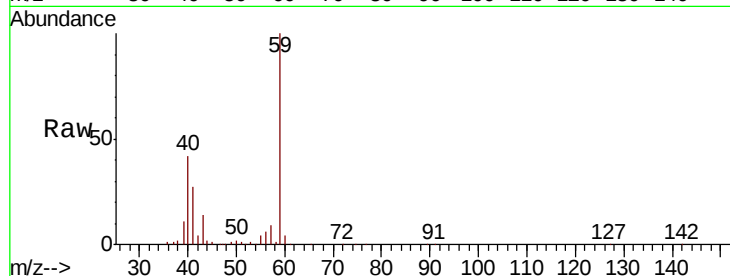




#11
Tert butyl alcohol
Concen: 93.662 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

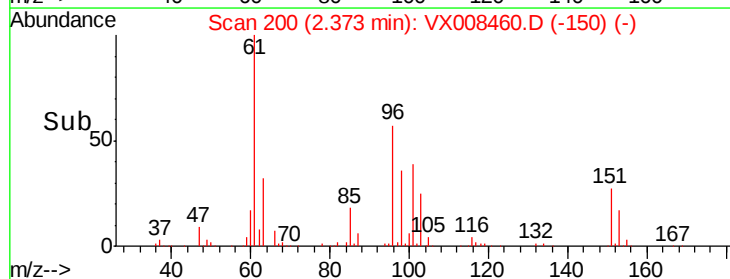
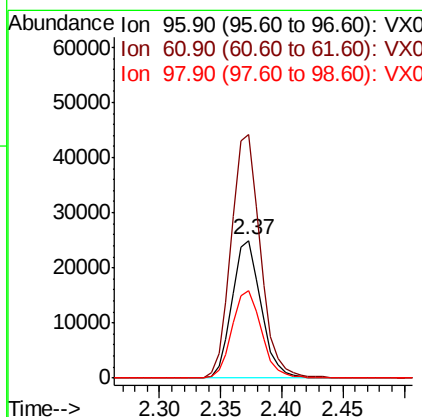
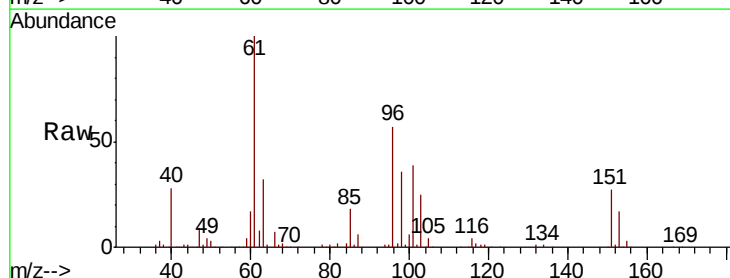
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

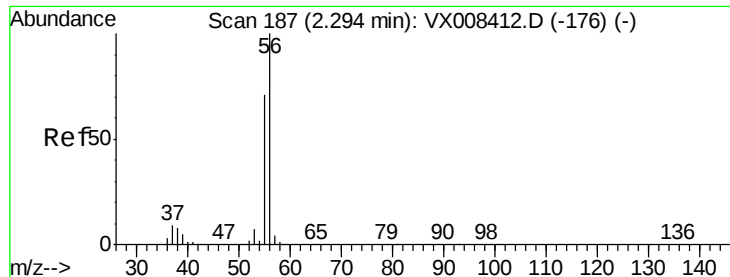
Tot Ion: 59 Resp: 63987
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#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 :

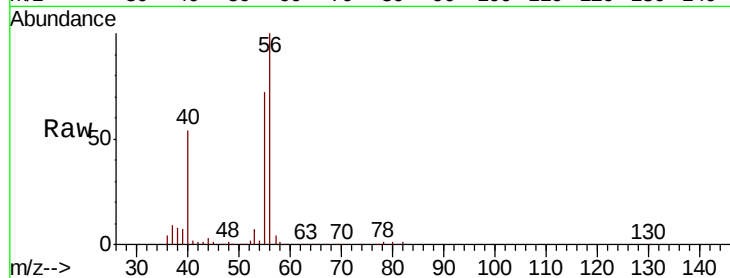
VX0326WBSD01

Tot Ion: 56 Resp: 36978

Ion Ratio Lower Upper

56 100

55 74.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

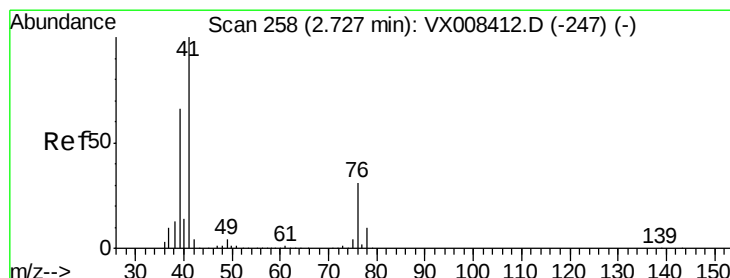
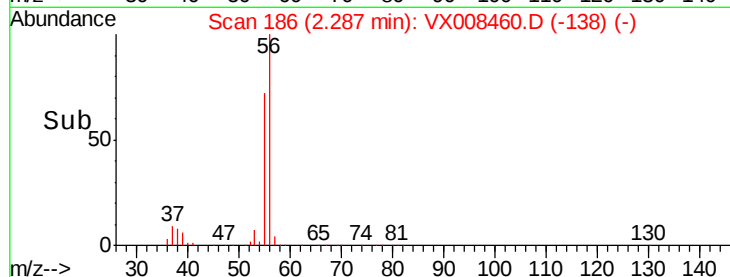
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#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

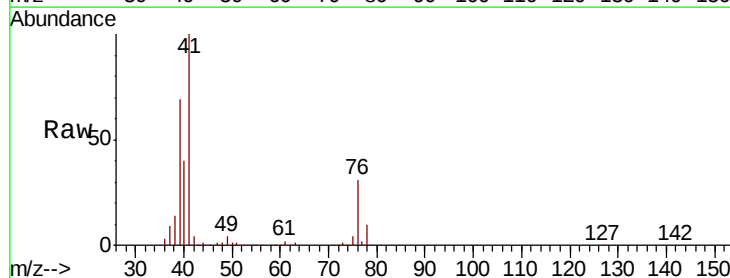
Tgt Ion: 41 Resp: 88889

Ion Ratio Lower Upper

41 100

39 62.6 49.6 74.4

76 27.7 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

30000

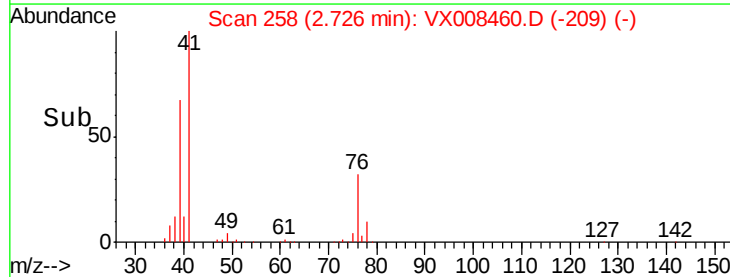
20000

10000

0

Time-->

2.60 2.70 2.80





#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

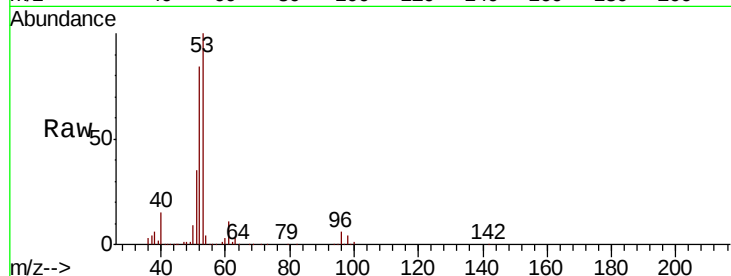
Tot Ion: 53 Resp: 159027

Ion Ratio Lower Upper

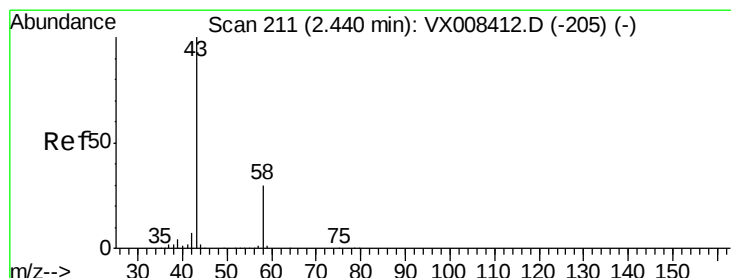
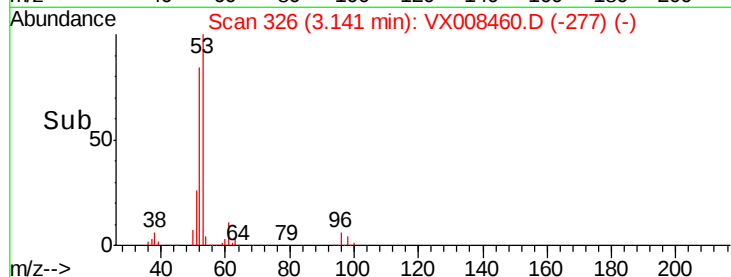
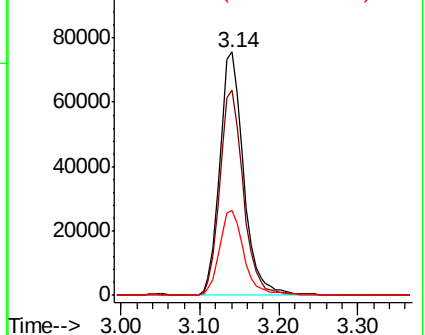
53 100

52 83.7 66.5 99.7

51 35.8 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 83.689 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008460.D

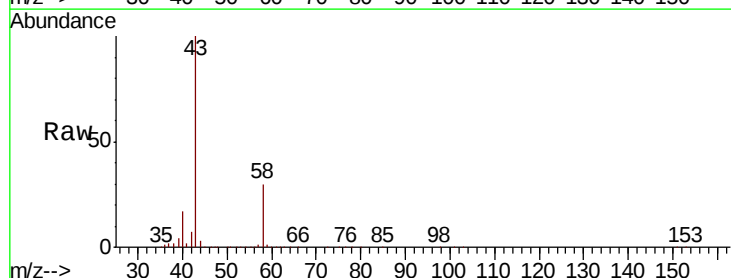
Acq: 26 Mar 2019 17:35

Tgt Ion: 43 Resp: 134873

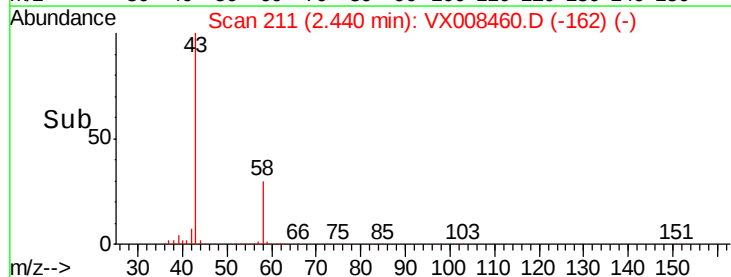
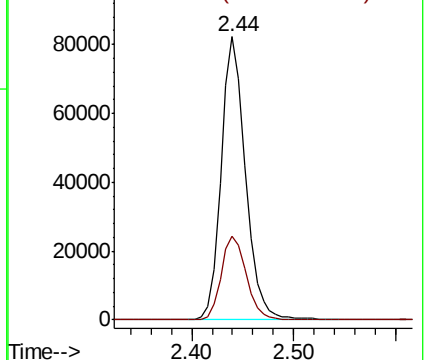
Ion Ratio Lower Upper

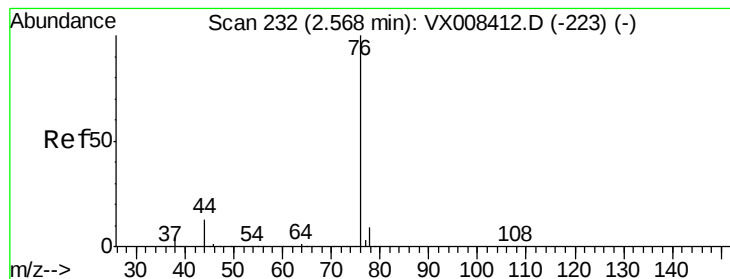
43 100

58 29.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#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 :

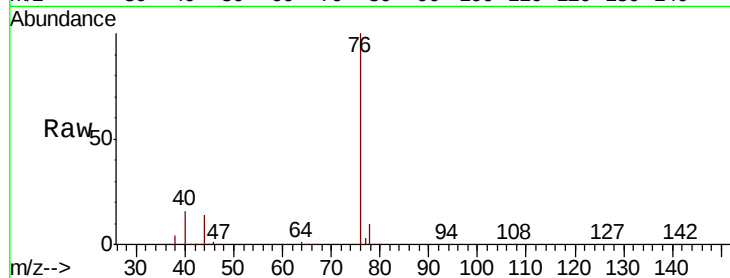
VX0326WBSD01

Tot Ion: 76 Resp: 120002

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

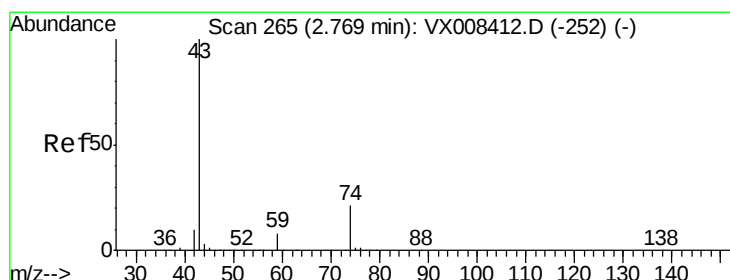
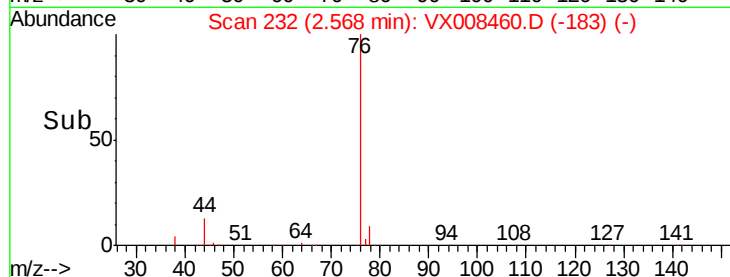
40000

20000

0

Time-->

2.50 2.55 2.60 2.65 2.70



#18

Methyl Acetate

Concen: 17.647 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX008460.D

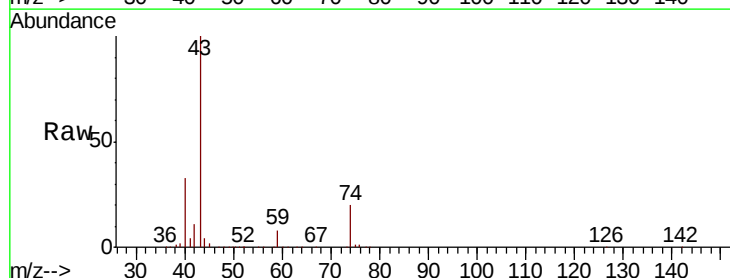
Acq: 26 Mar 2019 17:35

Tgt Ion: 43 Resp: 68306

Ion Ratio Lower Upper

43 100

74 20.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

40000

30000

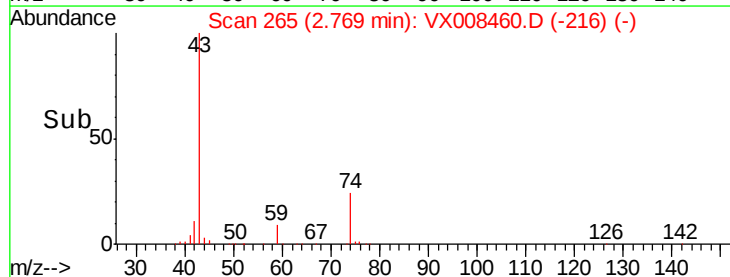
20000

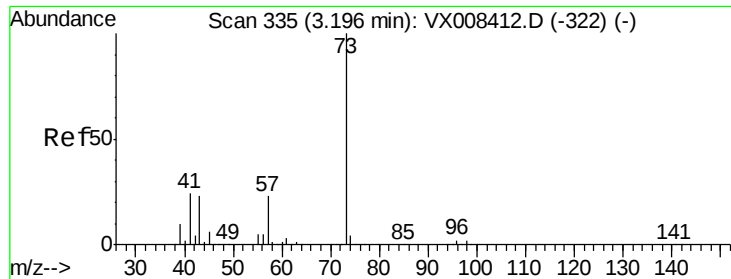
10000

0

Time-->

2.65 2.70 2.75 2.80 2.85

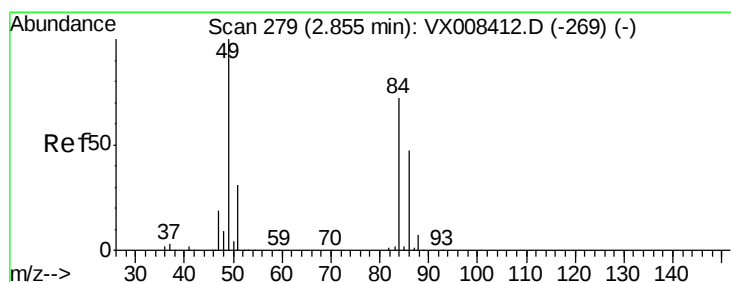
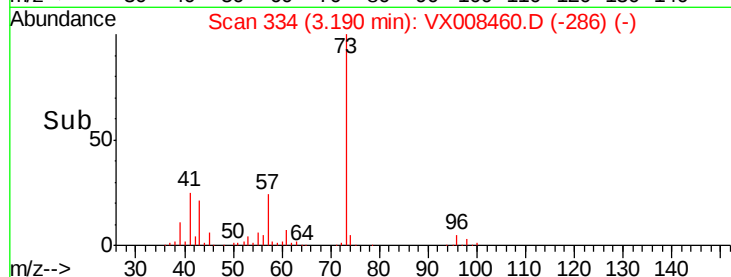
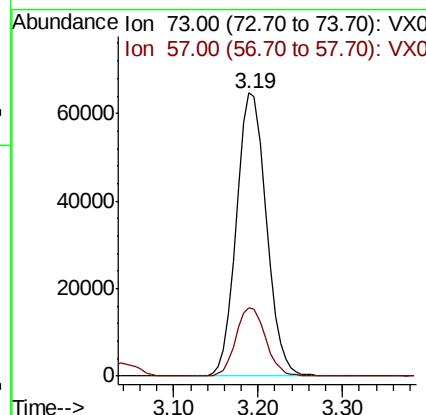
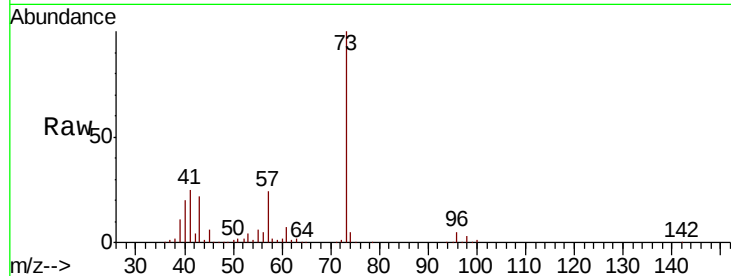




#19
Methyl tert-butyl Ether
Concen: 18.228 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

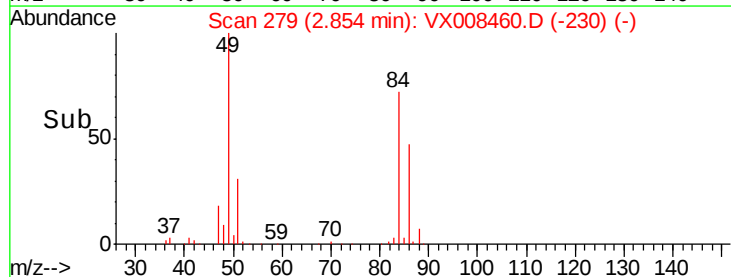
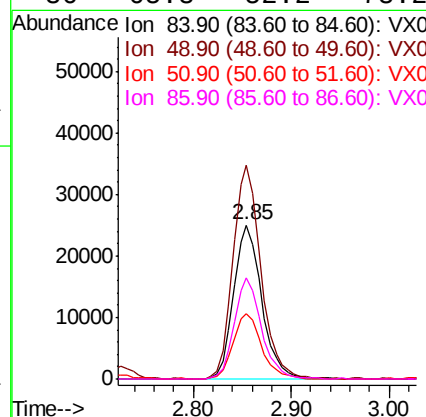
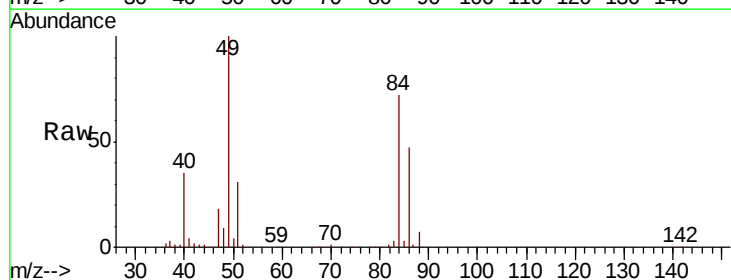
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

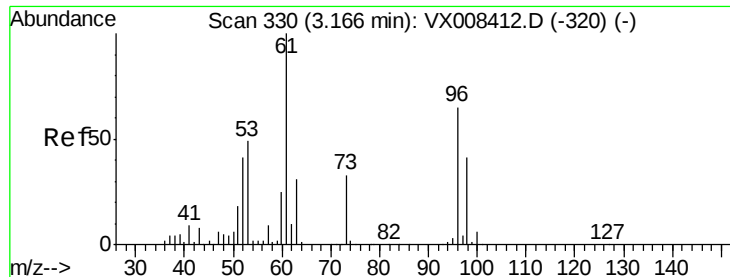
Tot Ion: 73 Resp: 155427
Ion Ratio Lower Upper
73 100
57 23.9 18.6 28.0



#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

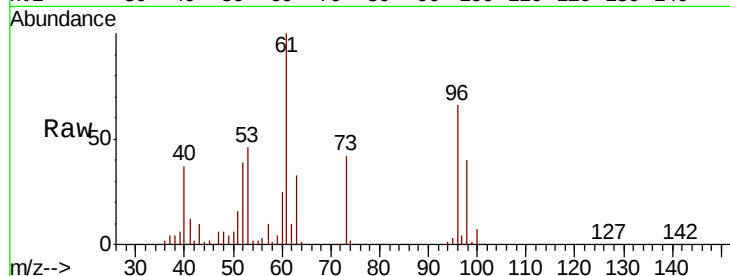
Tot Ion: 96 Resp: 43925

Ion Ratio Lower Upper

96 100

61 152.5 122.6 184.0

98 61.4 50.9 76.3

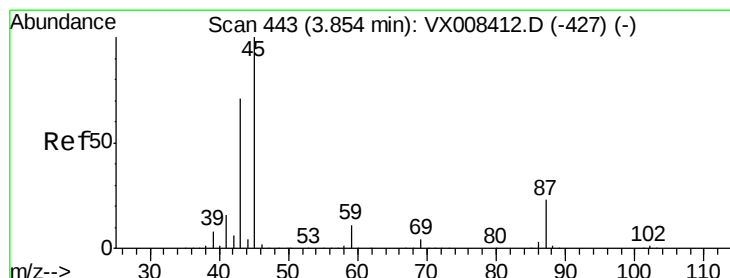
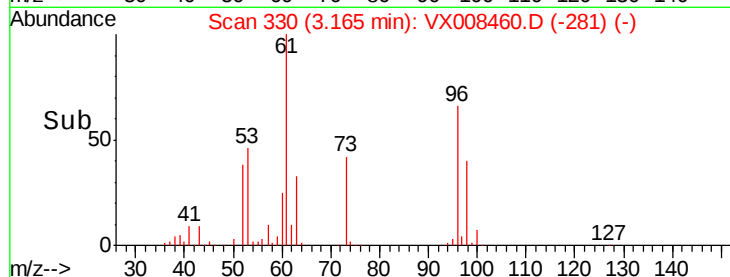
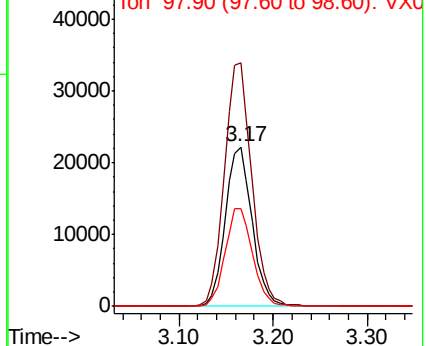


Abundance

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

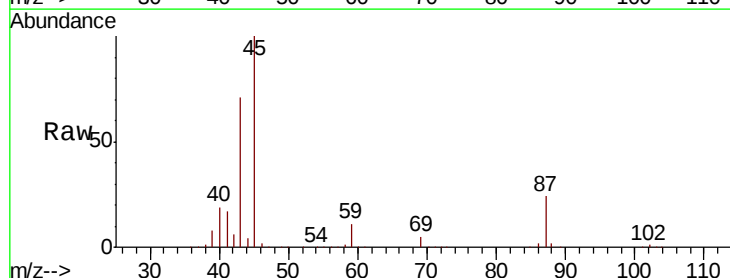
Ion Ratio Lower Upper

45 100

43 71.3 57.1 85.7

87 24.0 18.8 28.2

59 11.0 8.7 13.1



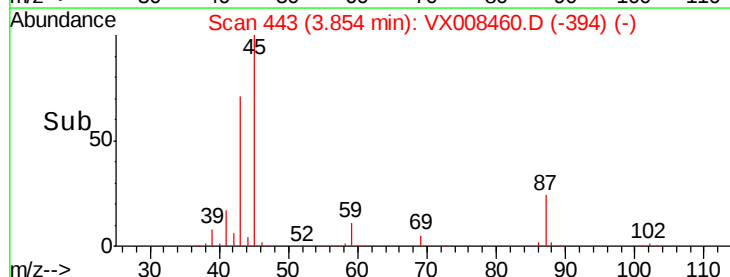
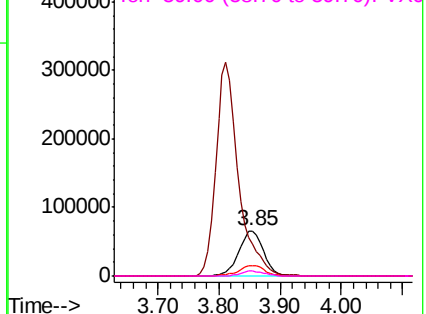
Abundance

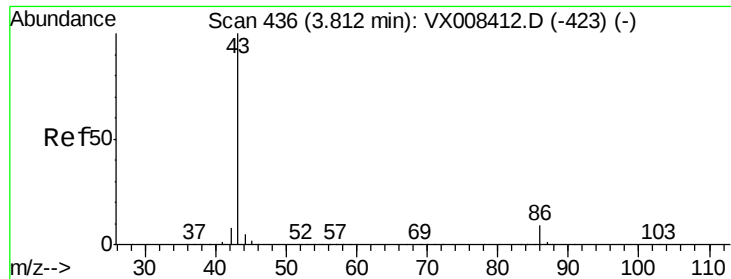
Ion 45.00 (44.70 to 45.70): VX0

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

ClientSampleId :

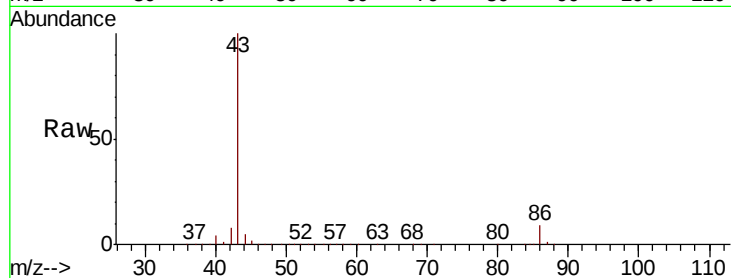
VX0326WBSD01

Tot Ion: 43 Resp: 806201

Ion Ratio Lower Upper

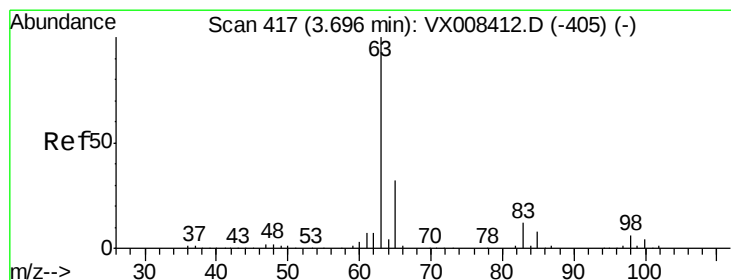
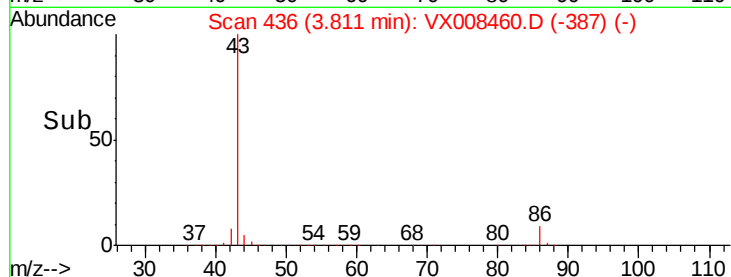
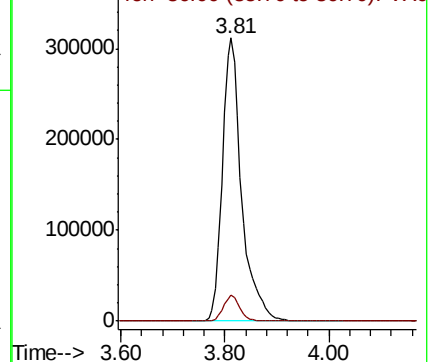
43 100

86 9.1 6.9 10.3



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

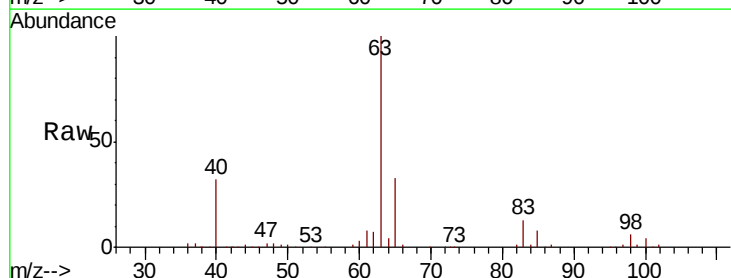
Tgt Ion: 63 Resp: 91883

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

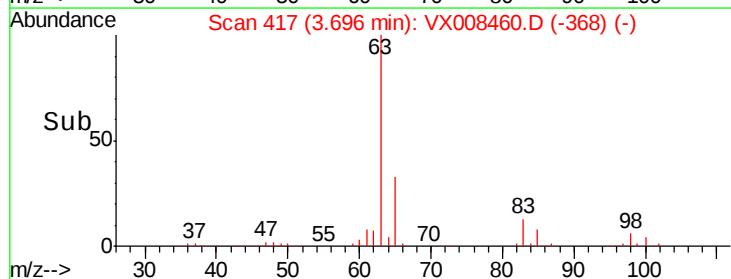
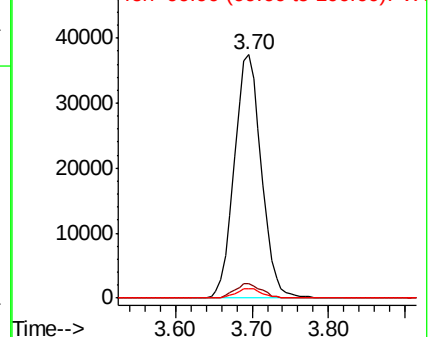
100 4.0 2.0 5.8

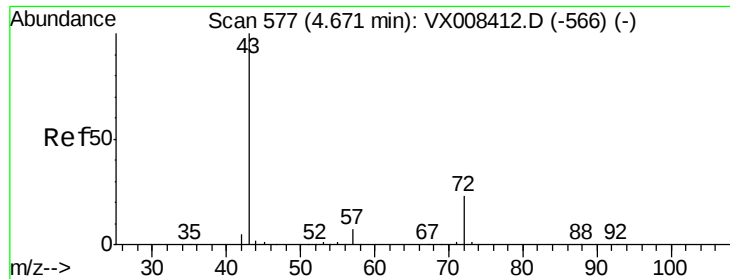


Abundance Ion 62.90 (62.60 to 63.60): VX0

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 :

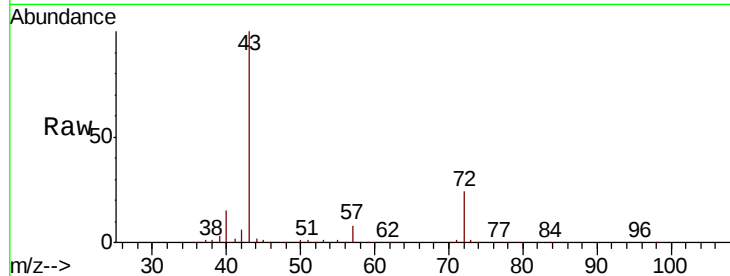
VX0326WBSD01

Tot Ion: 43 Resp: 230041

Ion Ratio Lower Upper

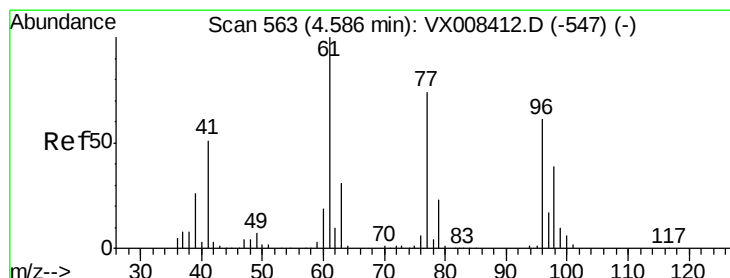
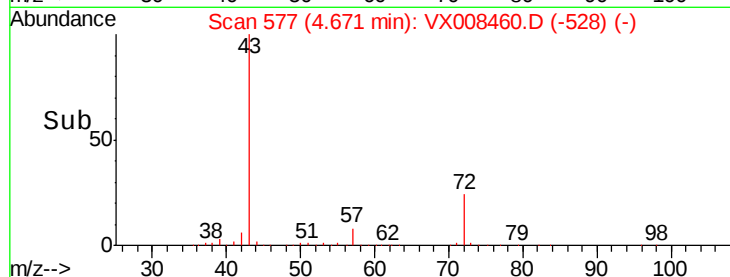
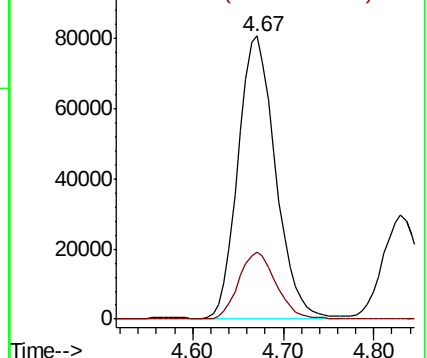
43 100

72 23.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#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

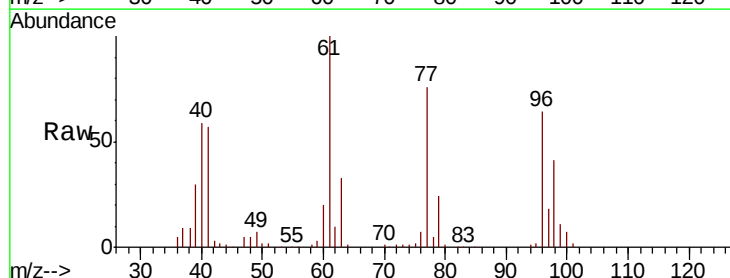
Acq: 26 Mar 2019 17:35

Tgt Ion: 77 Resp: 51460

Ion Ratio Lower Upper

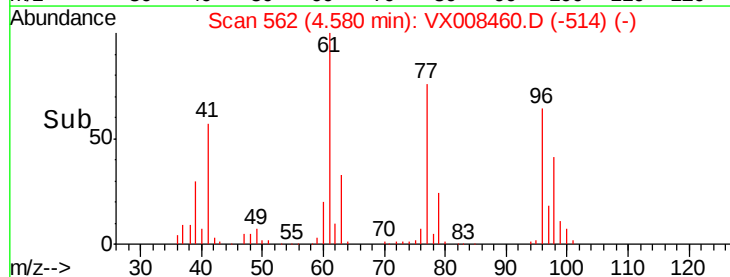
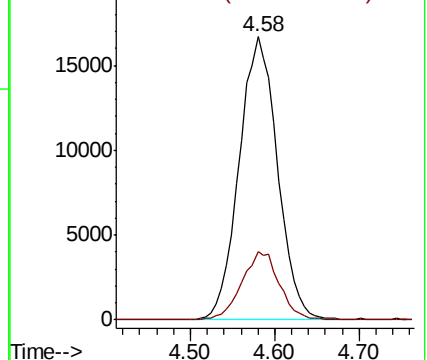
77 100

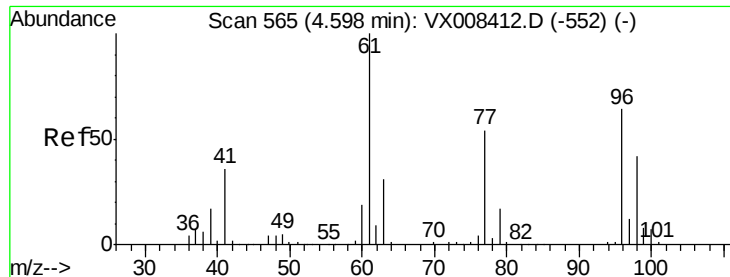
97 23.6 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



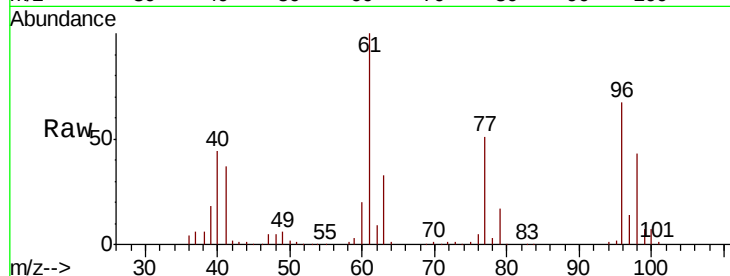


#27

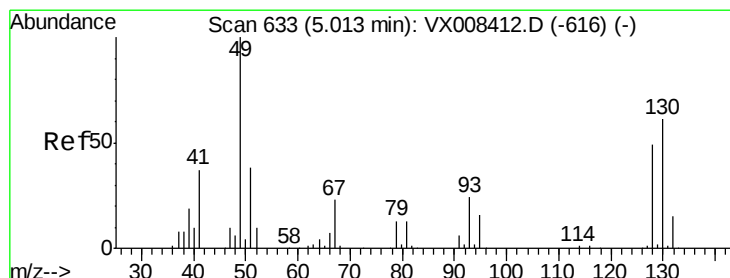
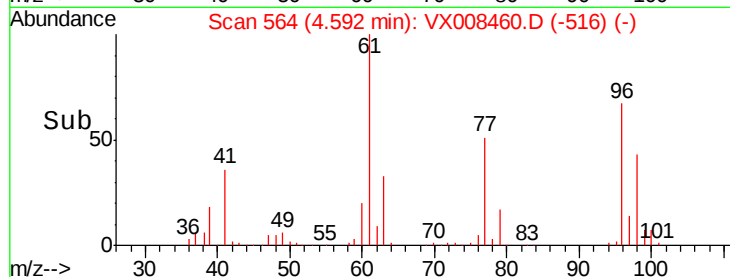
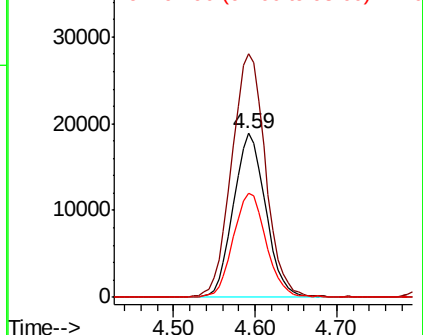
cis-1,2-Dichloroethene
Concen: 17.901 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampled :
VX0326WBSD01

Tot Ion: 96 Resp: 51796
Ion Ratio Lower Upper
96 100
61 155.9 0.0 325.6
98 64.6 0.0 130.0



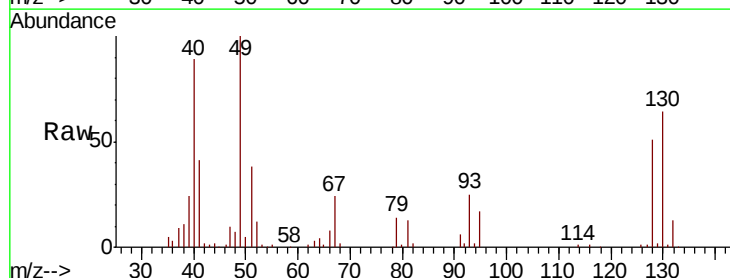
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



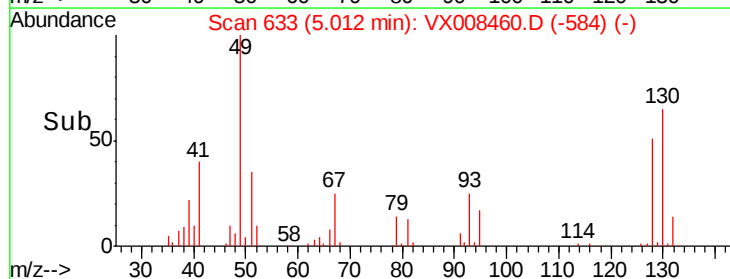
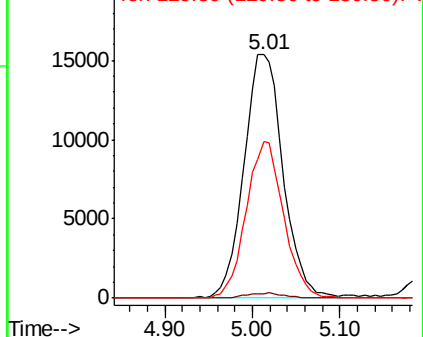
#28

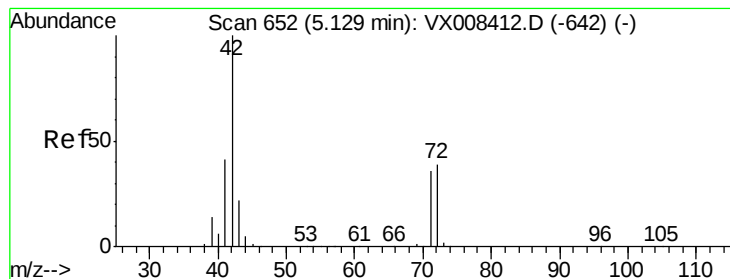
Bromochloromethane
Concen: 18.659 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 49 Resp: 47772
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

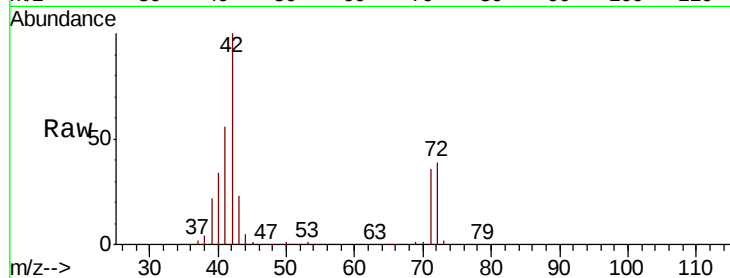
Tot Ion: 42 Resp: 153031

Ion Ratio Lower Upper

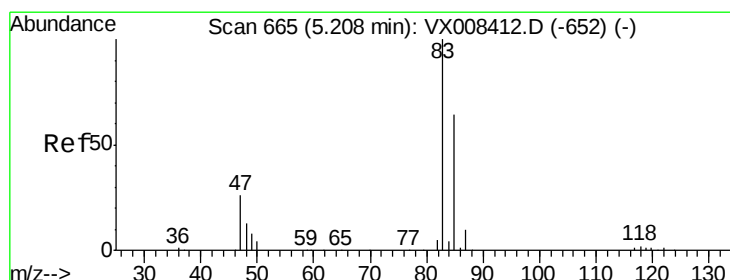
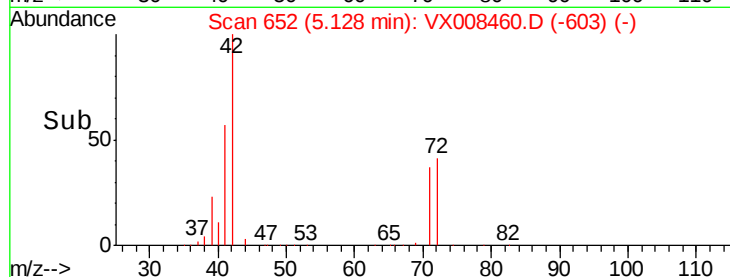
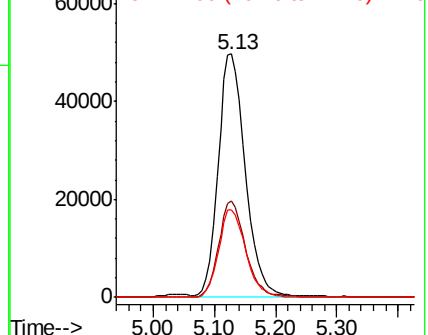
42 100

72 39.3 31.4 47.2

71 36.1 29.4 44.2



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.880 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008460.D

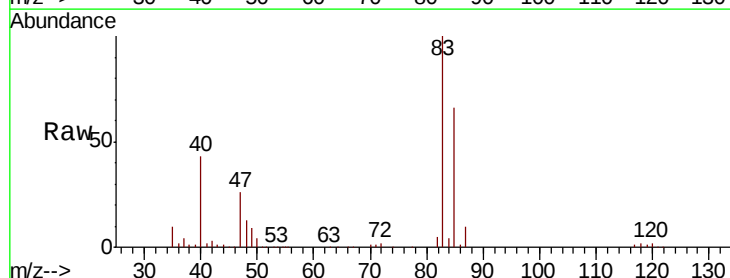
Acq: 26 Mar 2019 17:35

Tgt Ion: 83 Resp: 83623

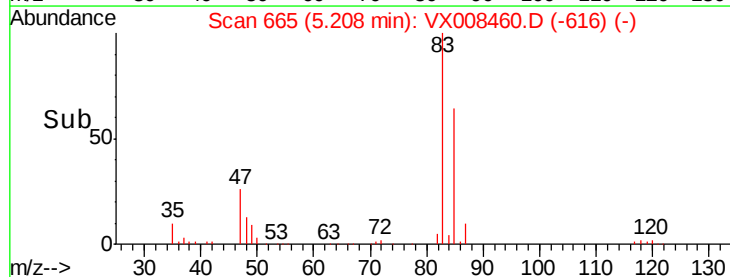
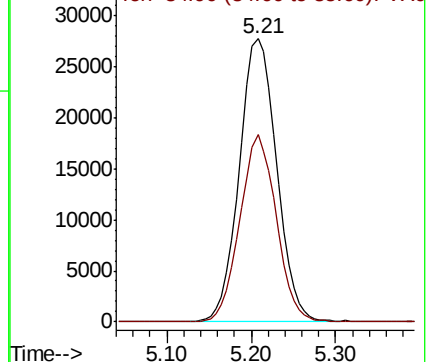
Ion Ratio Lower Upper

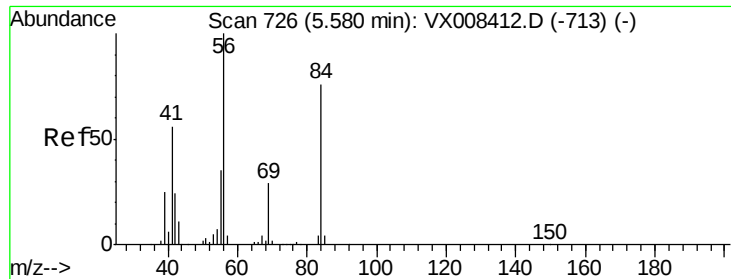
83 100

85 66.1 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

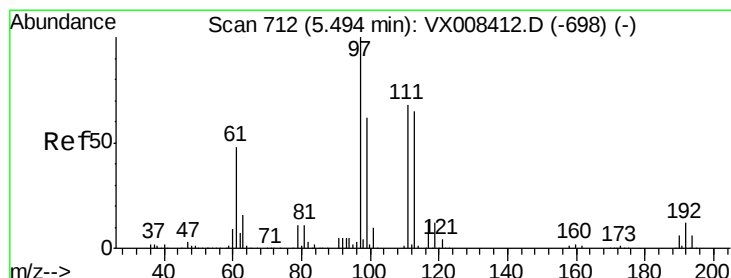
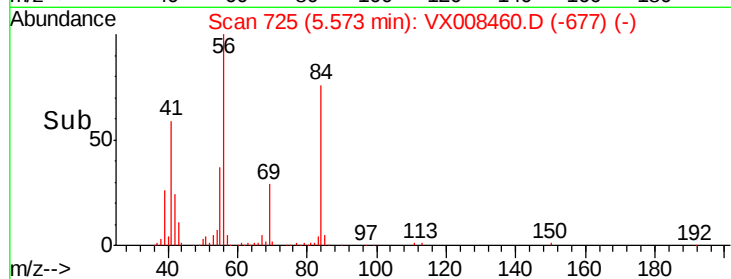
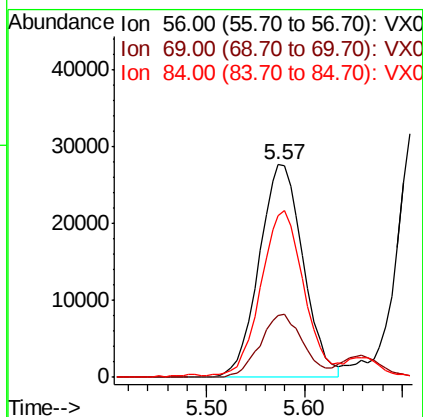
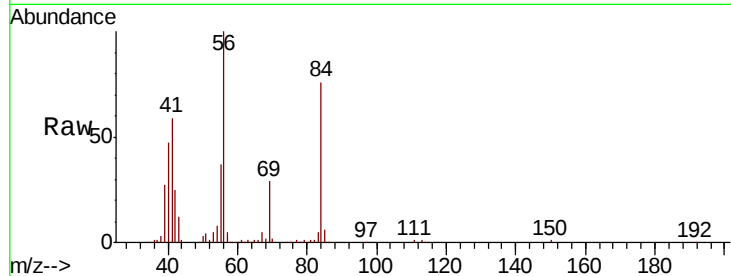




#31
Cyclohexane
Concen: 17.504 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

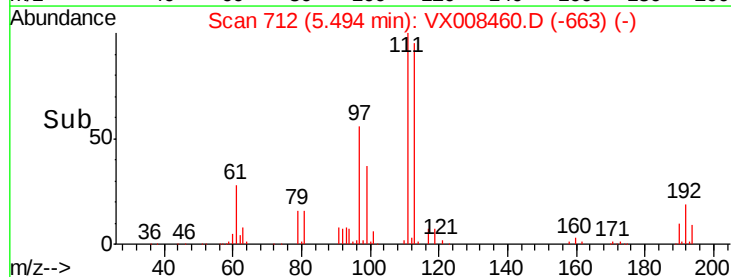
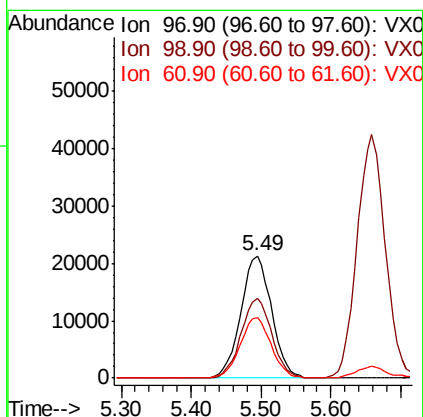
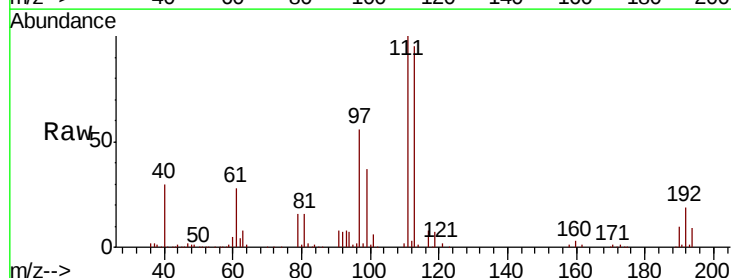
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

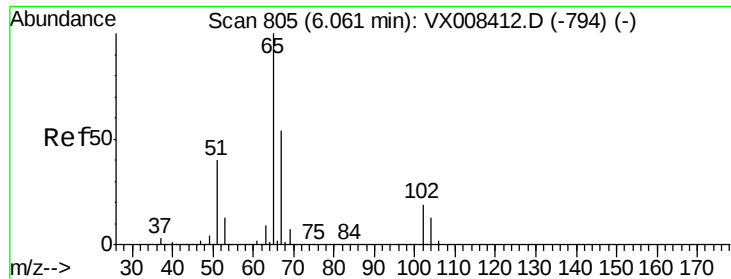
Tot Ion	56	Resp	86515
Ion Ratio	100	Lower	Upper
69	29.0	23.2	34.8
84	74.8	60.7	91.1



#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	100	Lower	Upper
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 :

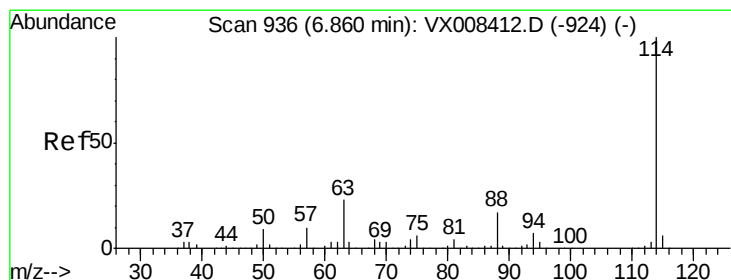
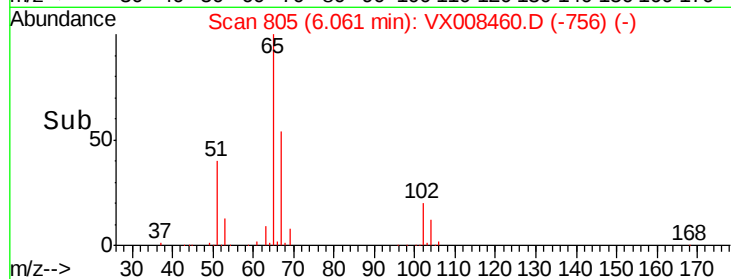
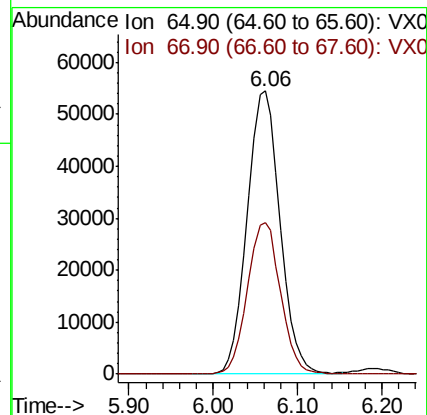
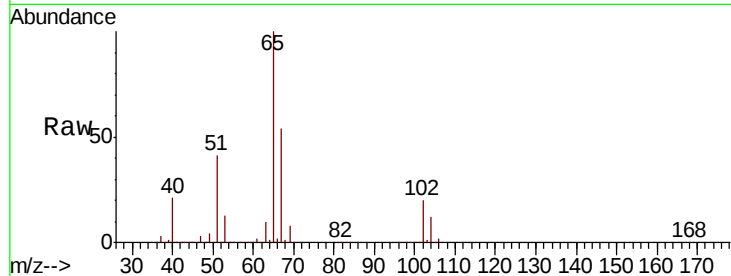
VX0326WBSD01

Tot Ion: 65 Resp: 143883

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.4



#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

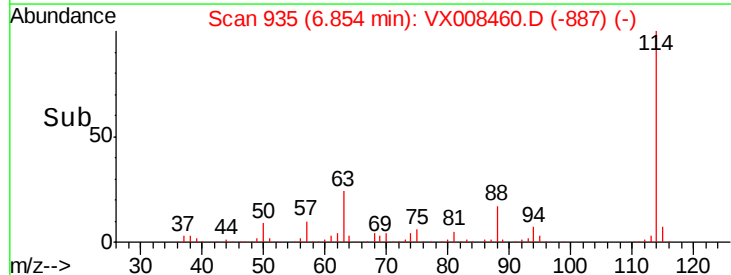
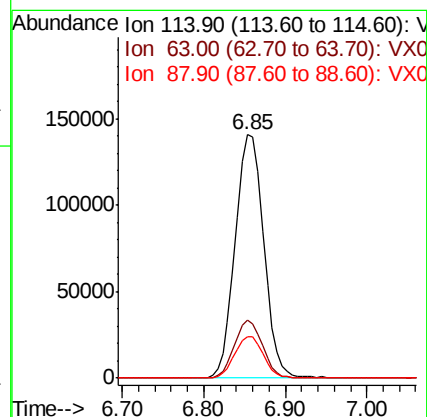
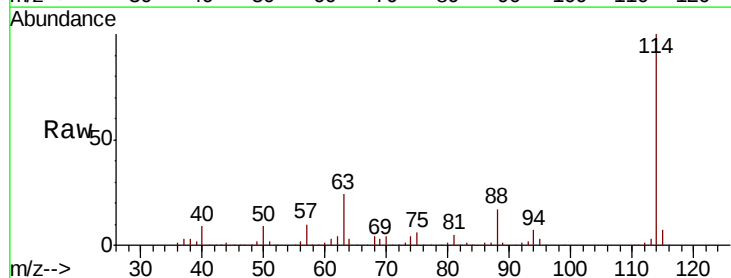
Tgt Ion: 114 Resp: 341963

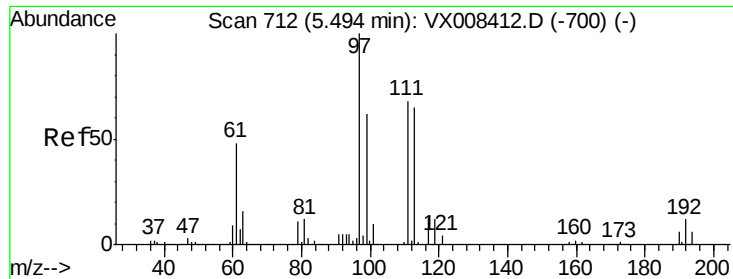
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

88 17.1 0.0 33.2

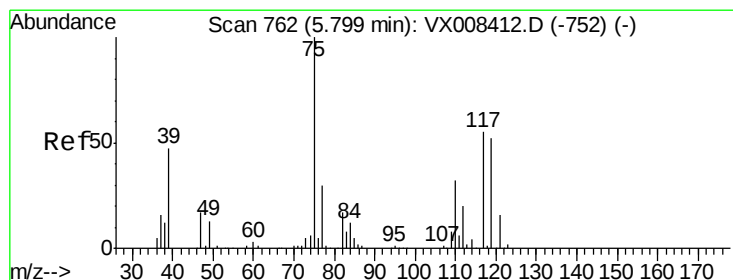
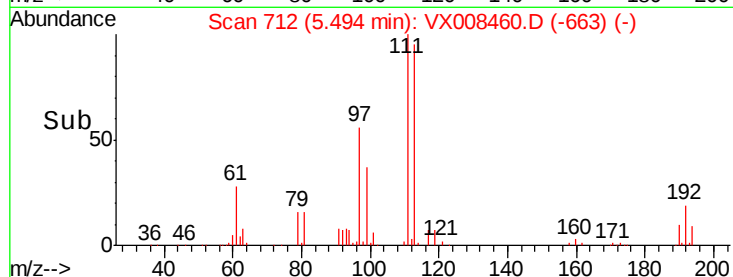
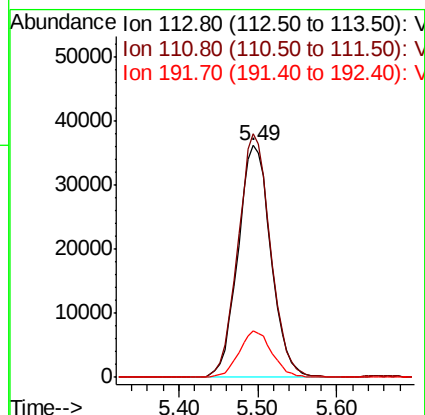
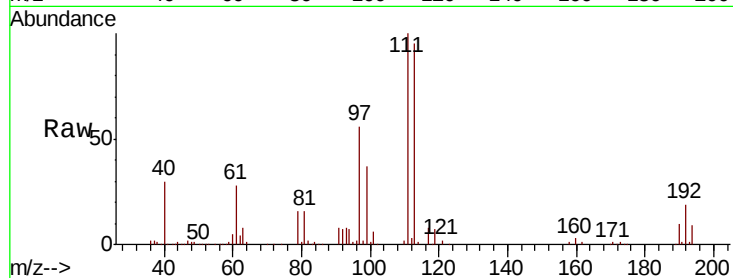




#35
 Dibromofluoromethane
 Concen: 47.013 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

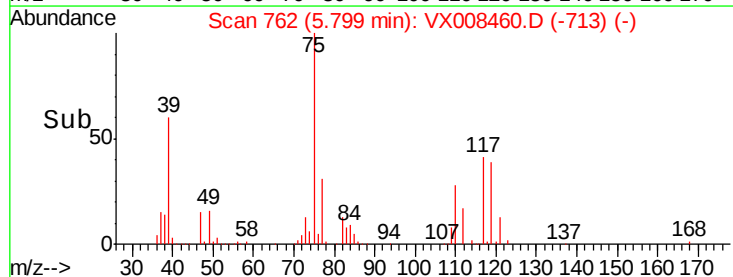
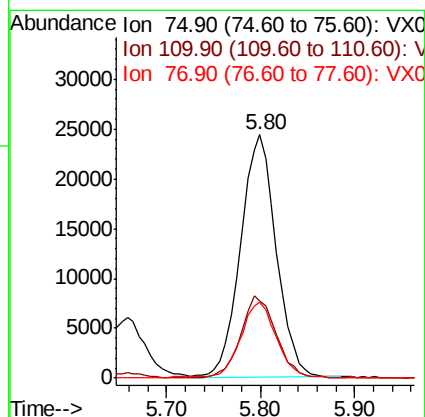
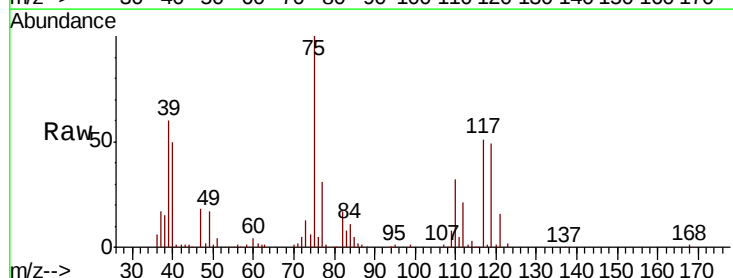
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

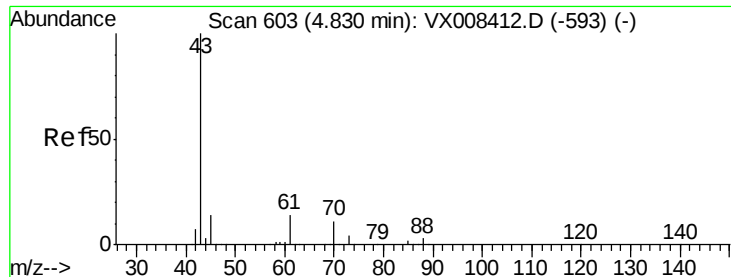
Tot Ion:113 Resp: 104827
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.0 124.4
 192 19.9 15.6 23.4



#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

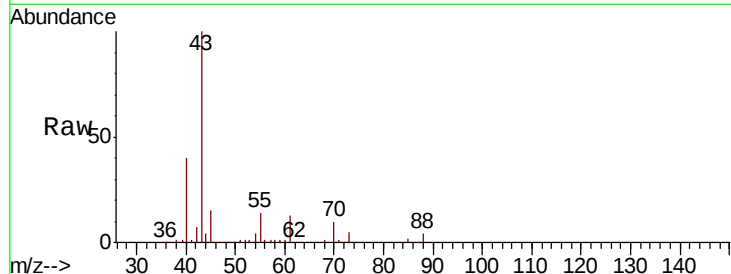




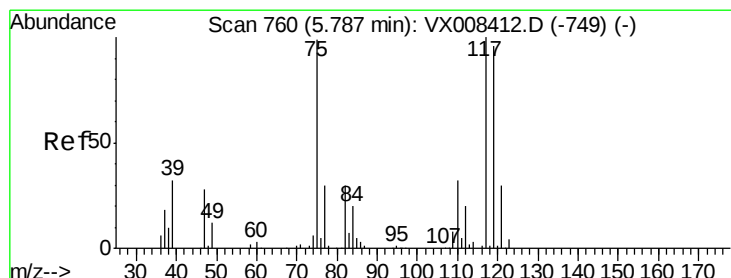
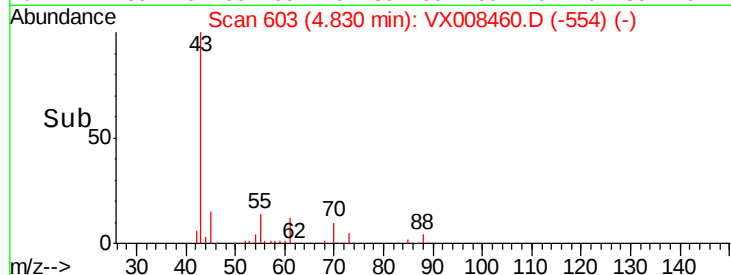
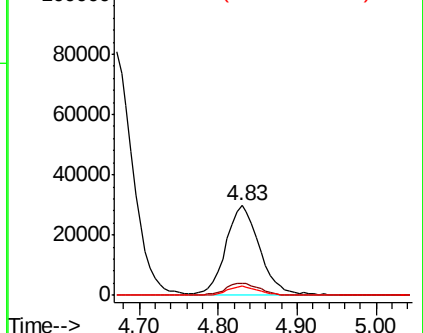
#37
Ethyl Acetate
Concen: 18.422 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampled :
VX0326WBSD01

Tot Ion: 43 Resp: 87014
Ion Ratio Lower Upper
43 100
61 14.4 10.5 15.7
70 10.2 7.8 11.8

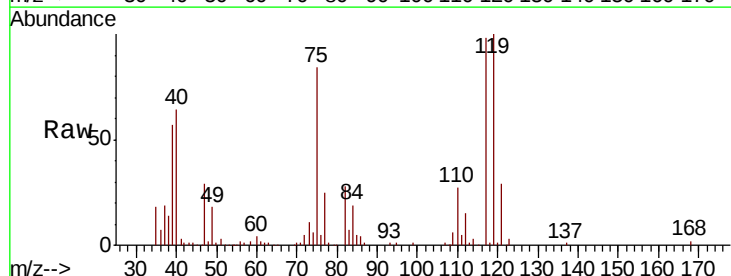


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

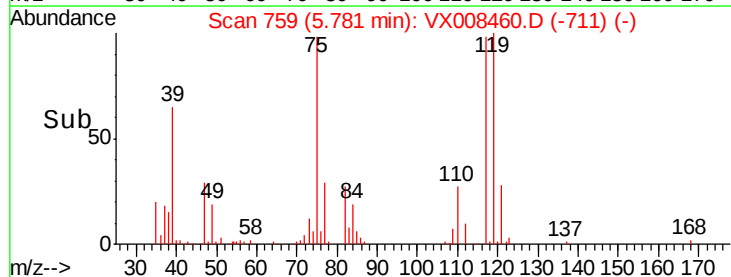
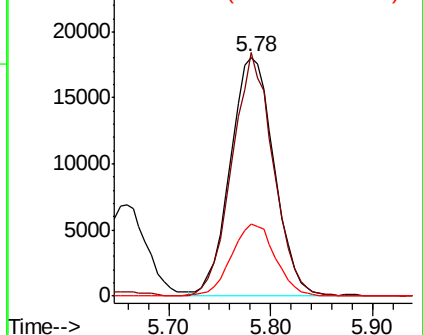


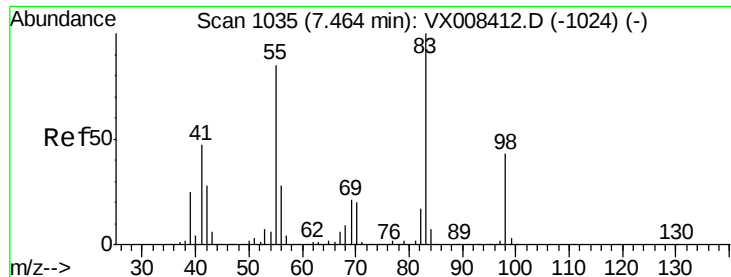
#38
Carbon Tetrachloride
Concen: 17.615 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 117 Resp: 53599
Ion Ratio Lower Upper
117 100
119 102.2 76.7 115.1
121 30.1 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

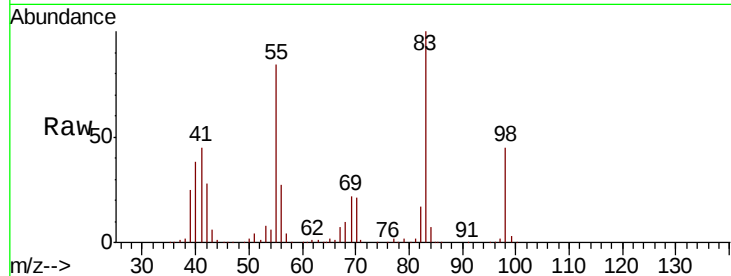




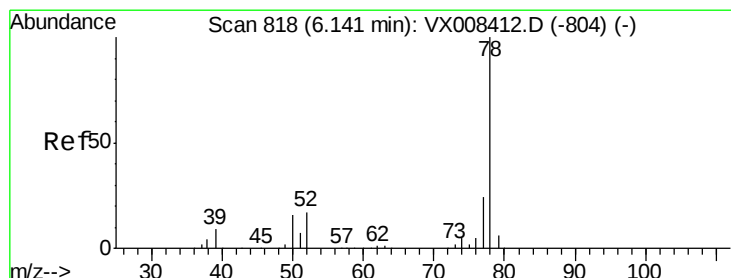
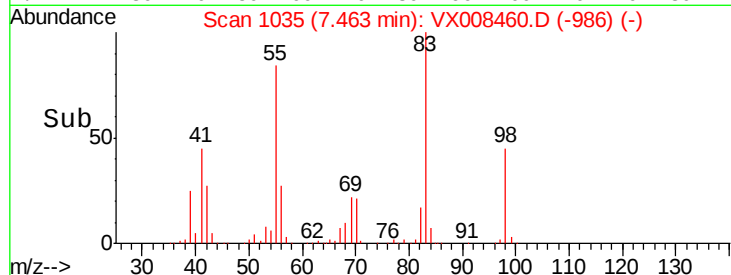
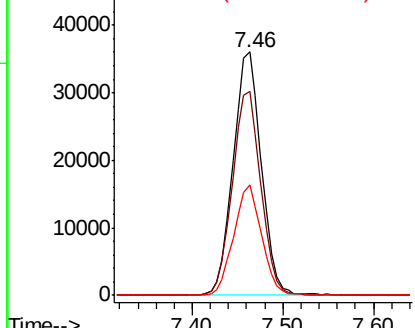
#39
Methylvlcvclohexane
Concen: 17.866 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

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

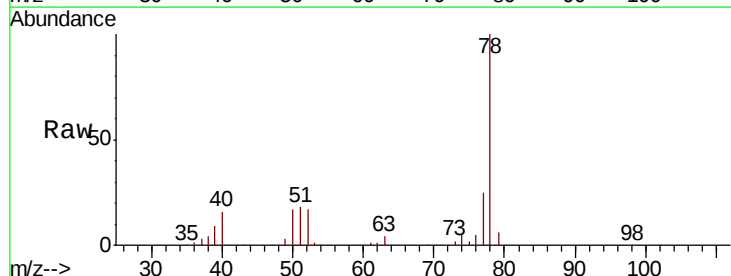


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

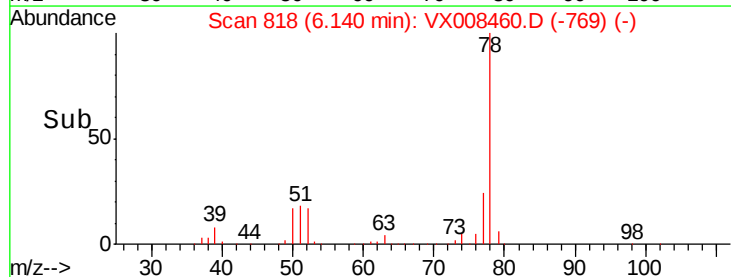
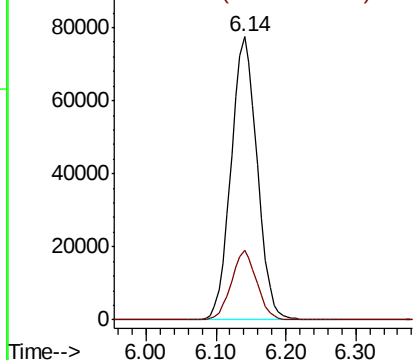


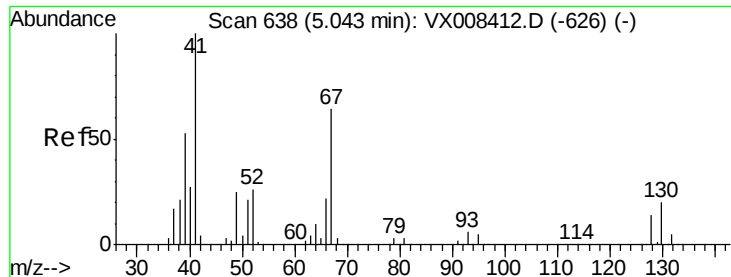
#40
Benzene
Concen: 18.432 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

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



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBSD01

Tot Ion: 41 Resp: 47621

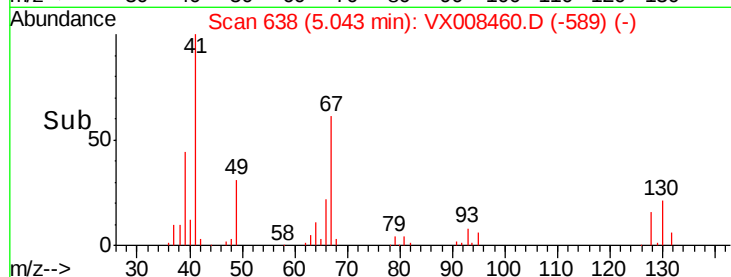
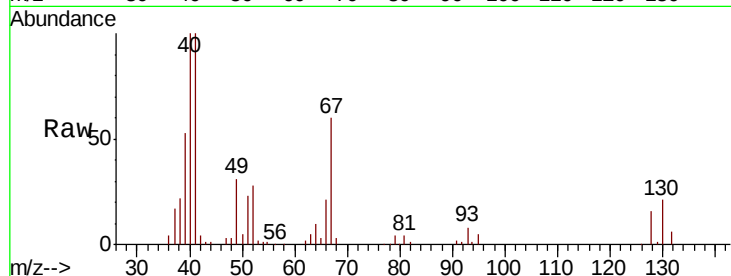
Ion Ratio Lower Upper

41 100

39 56.3 42.6 64.0

67 67.3 52.2 78.4

52 29.4 21.4 32.0

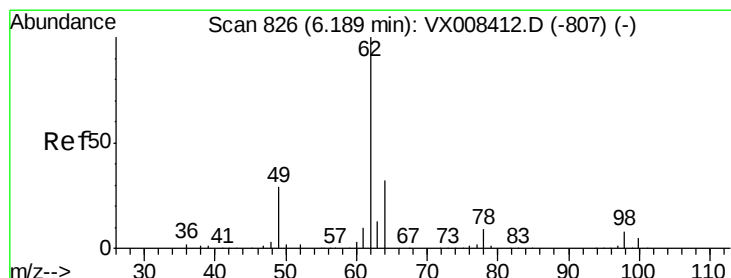
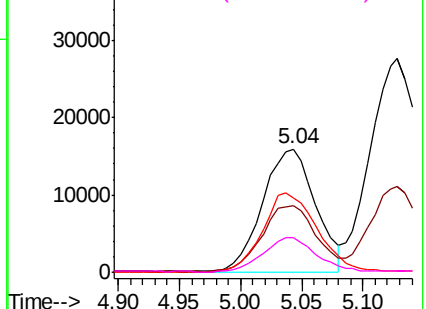


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#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

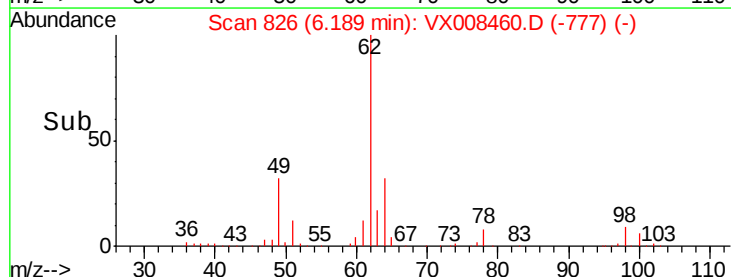
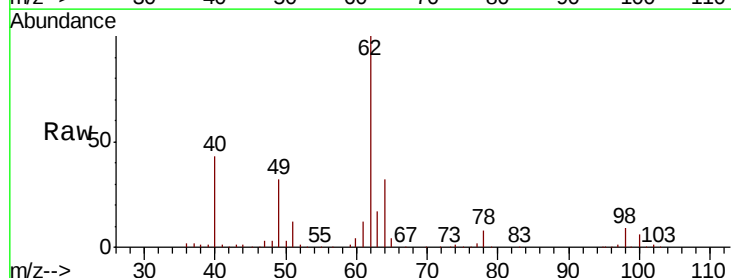
Acq: 26 Mar 2019 17:35

Tgt Ion: 62 Resp: 71000

Ion Ratio Lower Upper

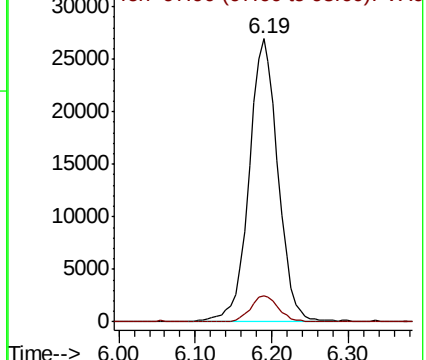
62 100

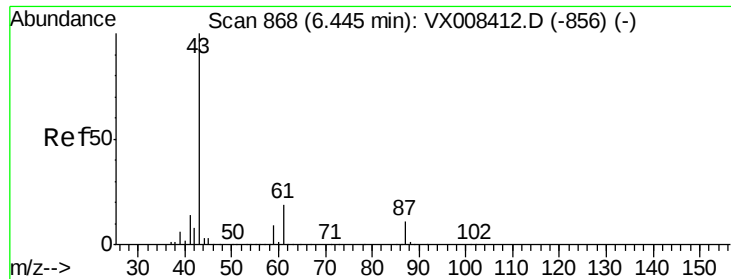
98 9.0 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



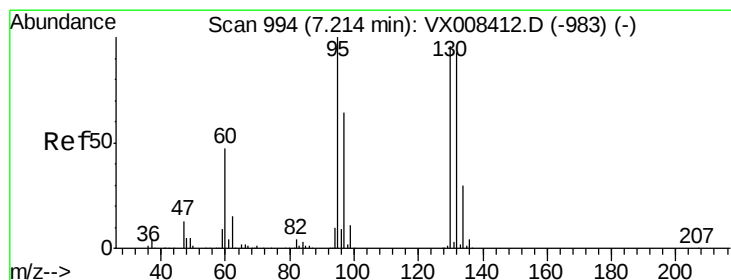
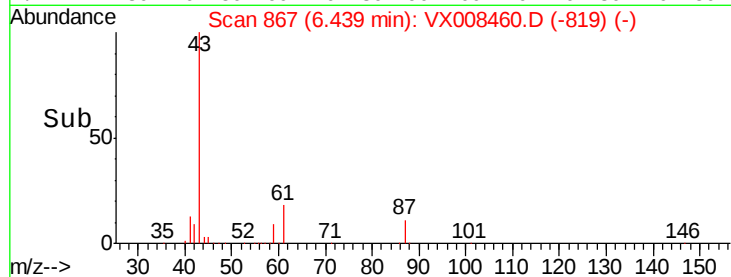
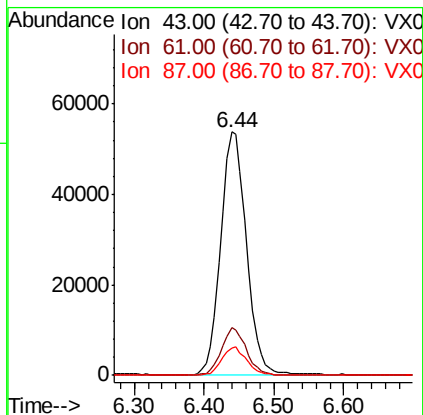
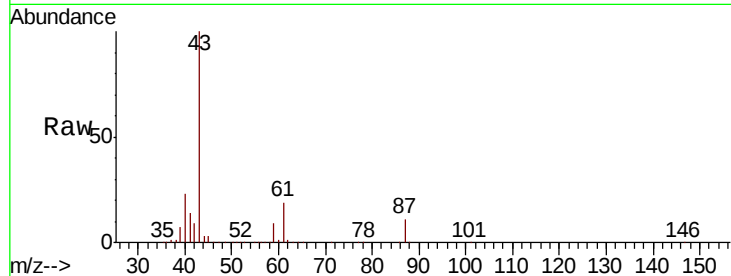


#43

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
 ClientSampled :
 VX0326WBSD01

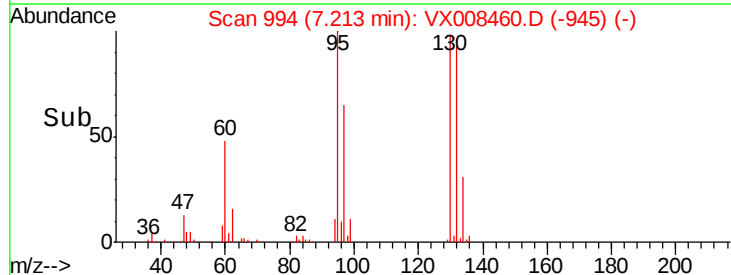
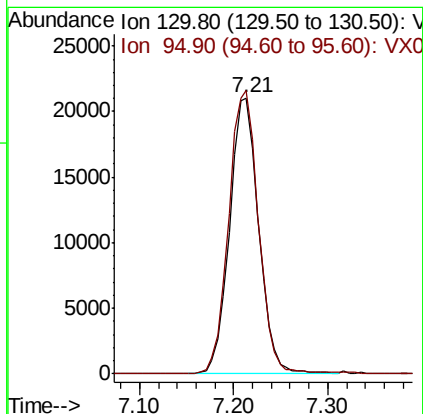
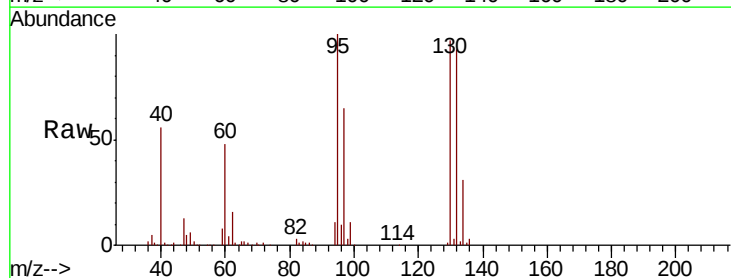
Tot Ion: 43 Resp: 137573
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.4 23.2
 87 11.5 9.1 13.7

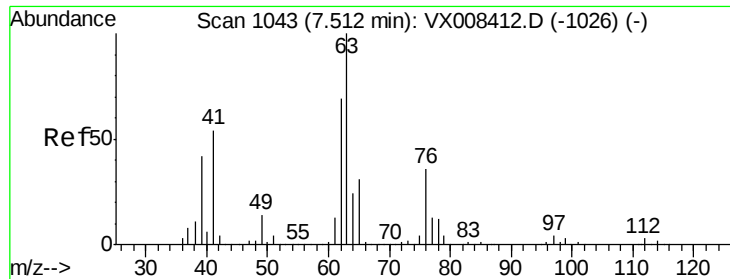


#44

Trichloroethene
 Concen: 17.672 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

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

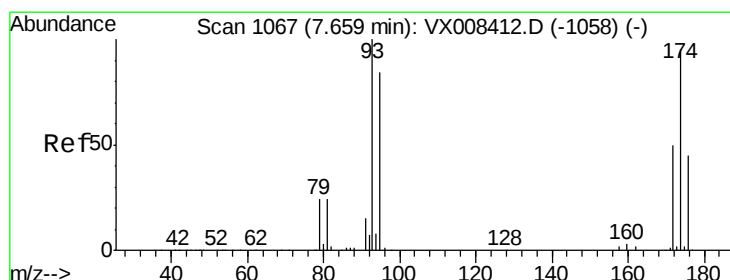
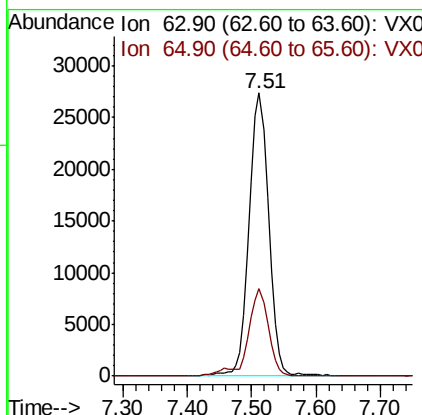
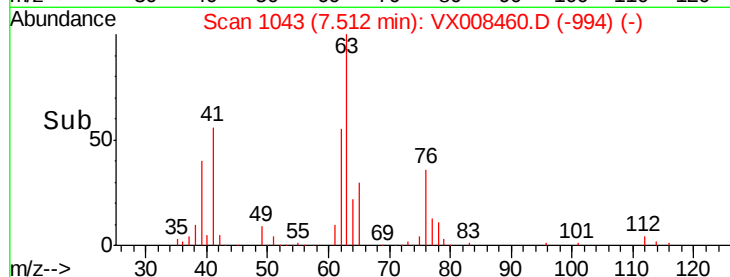
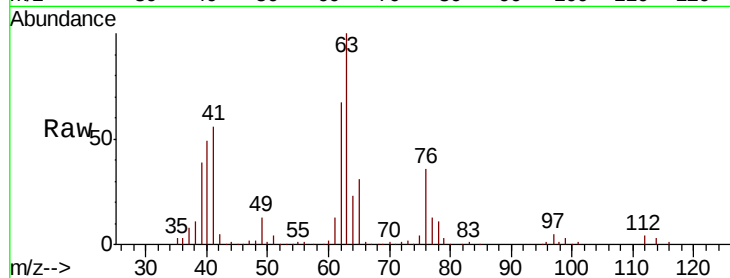




#45
 1,2-Dichloropropane
 Concen: 18.377 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

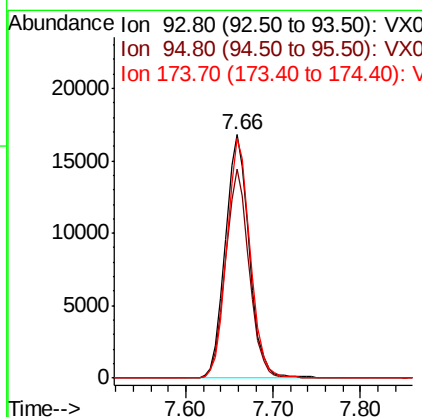
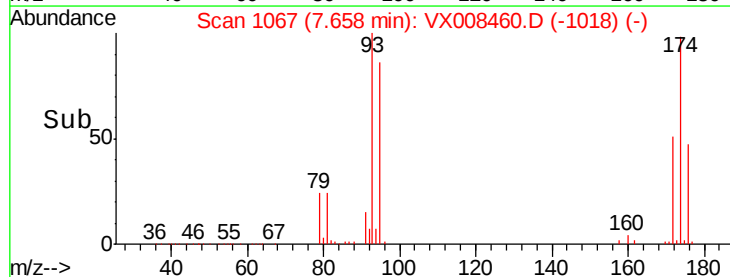
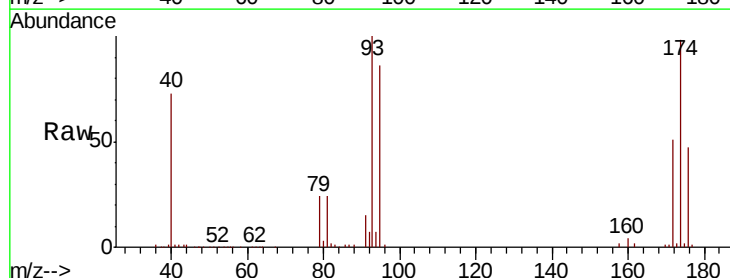
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

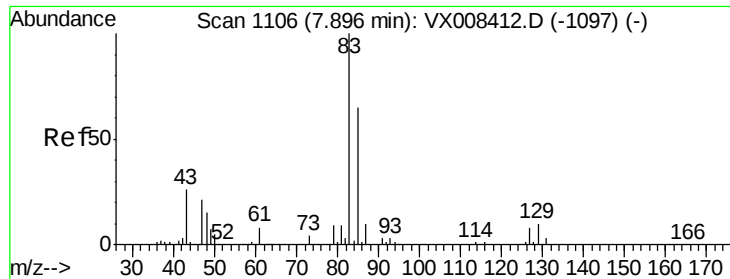
Tot Ion: 63 Resp: 57017
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.1 37.7



#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

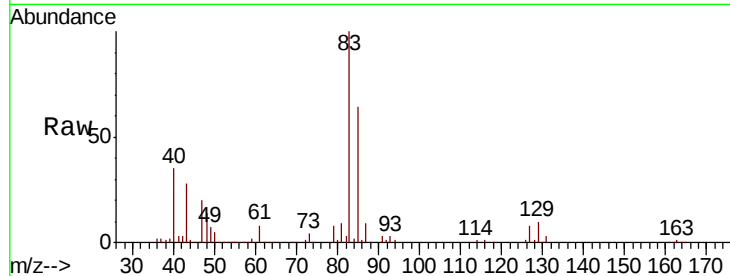
Tot Ion: 83 Resp: 61611

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

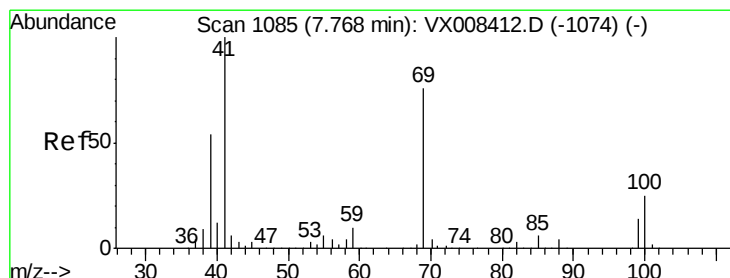
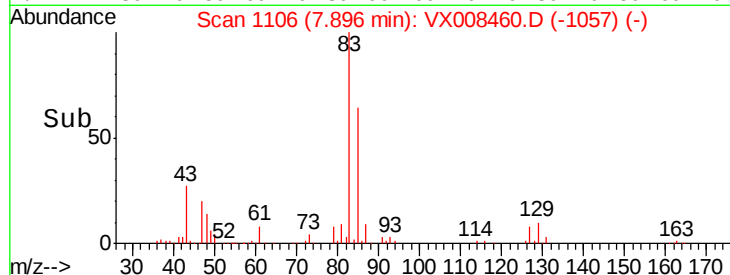
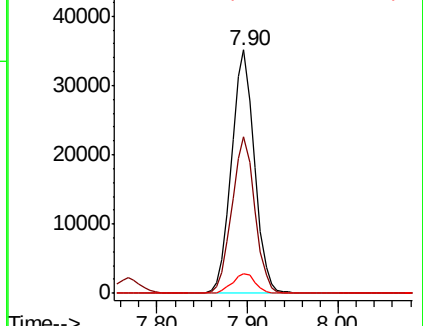
127 8.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#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

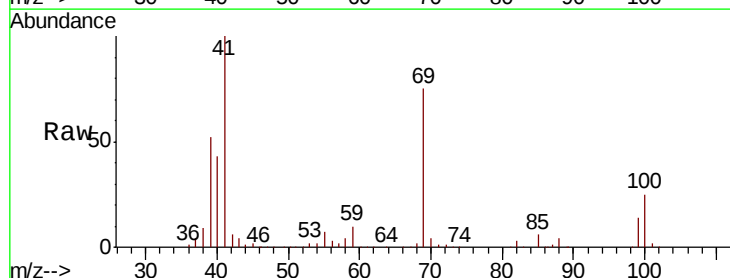
Tgt Ion: 41 Resp: 69164

Ion Ratio Lower Upper

41 100

69 76.5 60.8 91.2

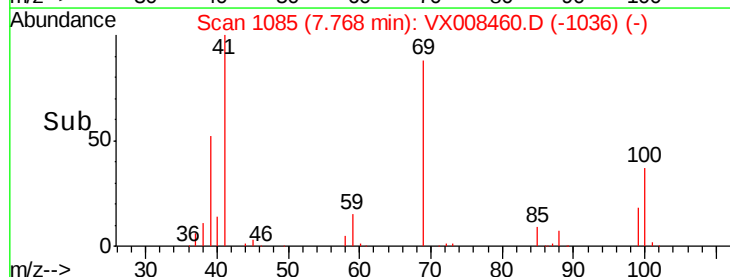
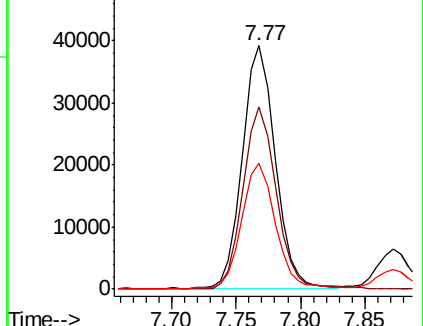
39 52.6 42.3 63.5

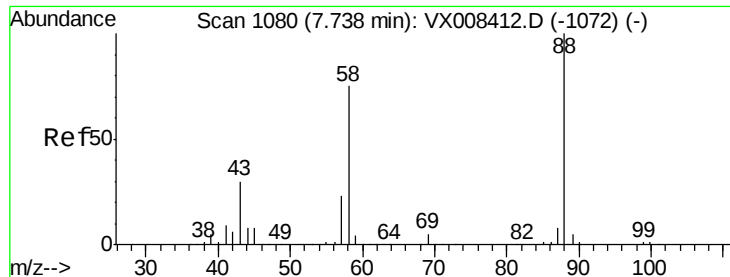


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

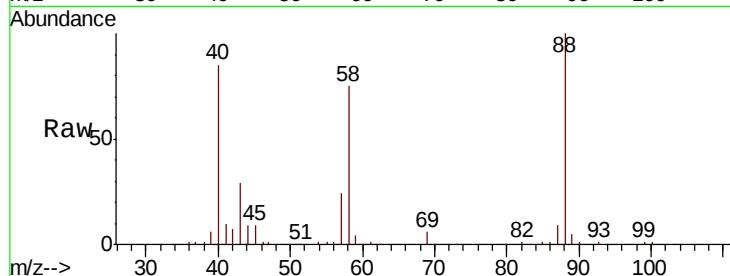




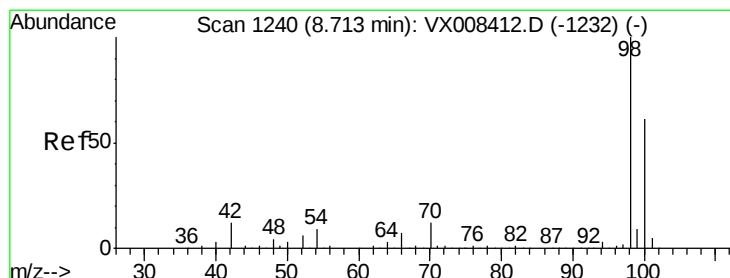
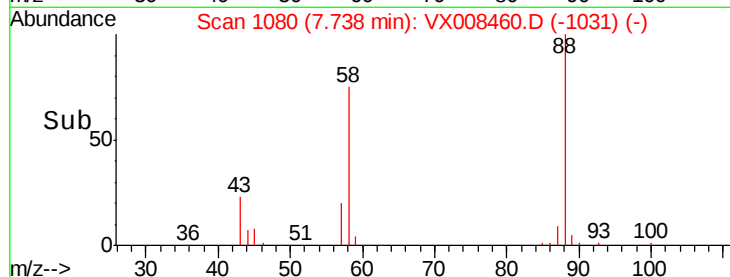
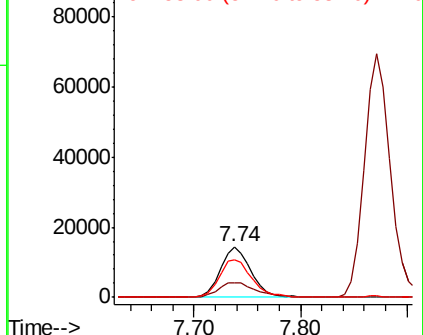
#49
1,4-Dioxane
Concen: 382.570 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

Tot Ion: 88 Resp: 28756
Ion Ratio Lower Upper
88 100
43 35.7 28.6 43.0
58 79.8 63.0 94.4

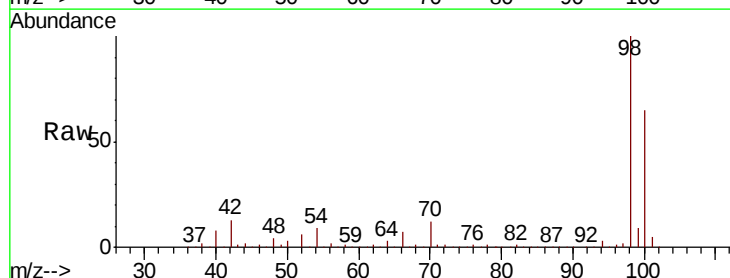


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

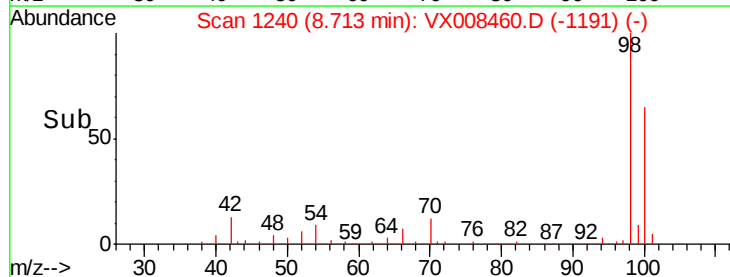
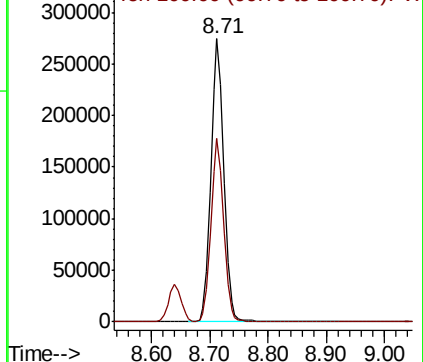


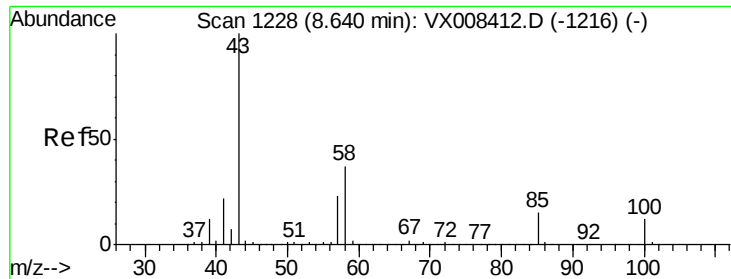
#50
Toluene-d8
Concen: 47.397 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Tgt Ion: 98 Resp: 422583
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#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 :

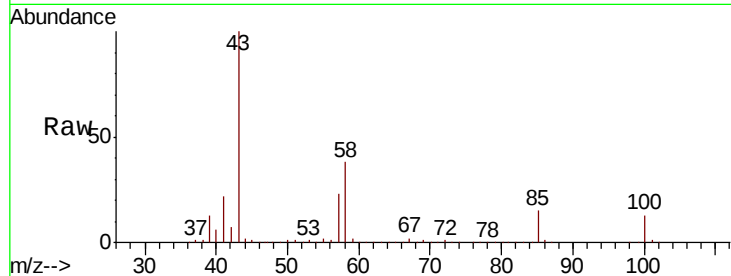
VX0326WBSD01

Tot Ion: 43 Resp: 453427

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

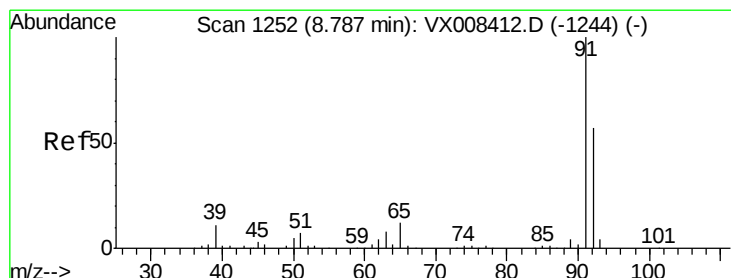
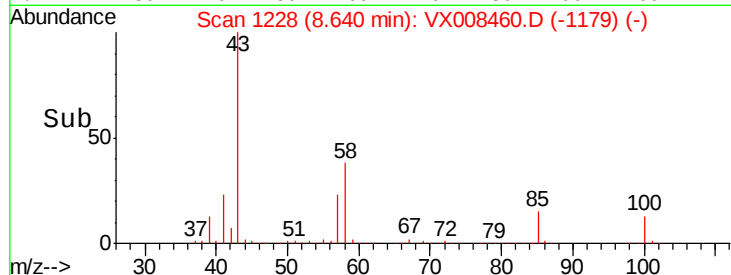
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.439 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008460.D

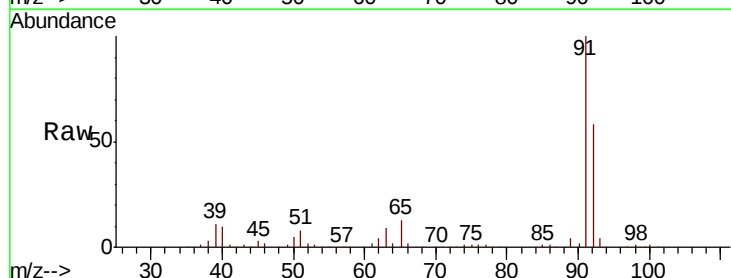
Acq: 26 Mar 2019 17:35

Tgt Ion: 92 Resp: 126870

Ion Ratio Lower Upper

92 100

91 173.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

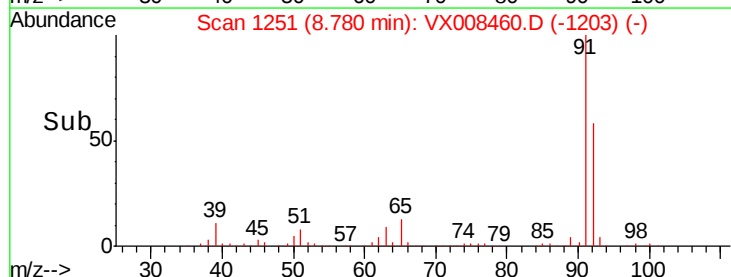
150000

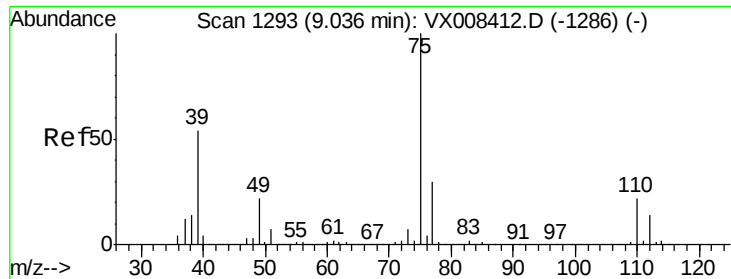
100000

50000

0

Time-->

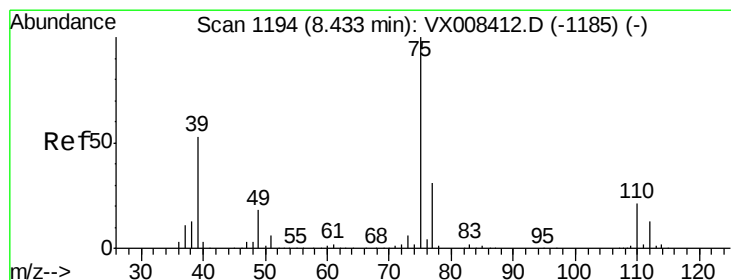
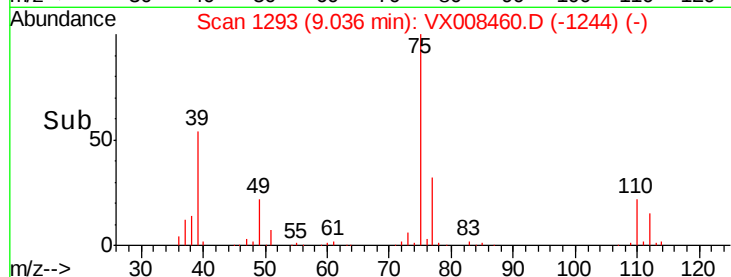
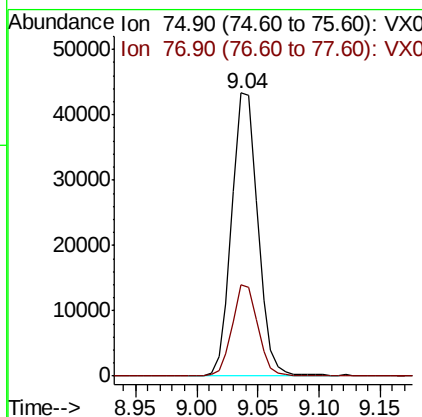
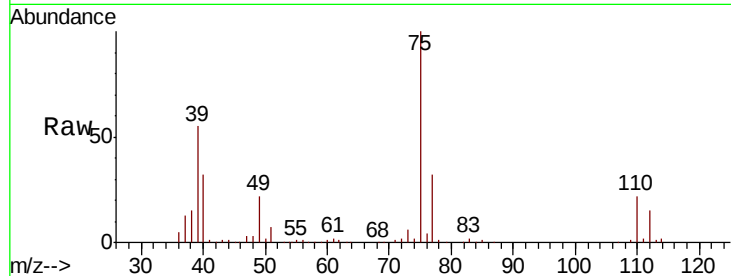




#53
 t-1,3-Dichloropropene
 Concen: 16.896 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

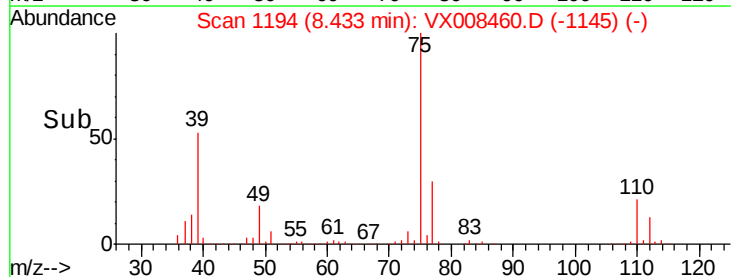
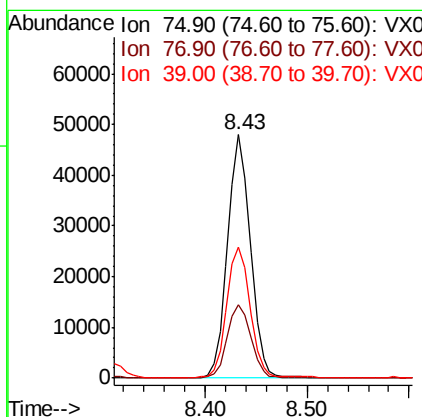
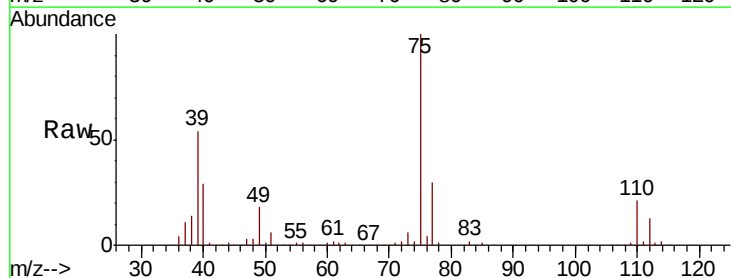
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBSD01

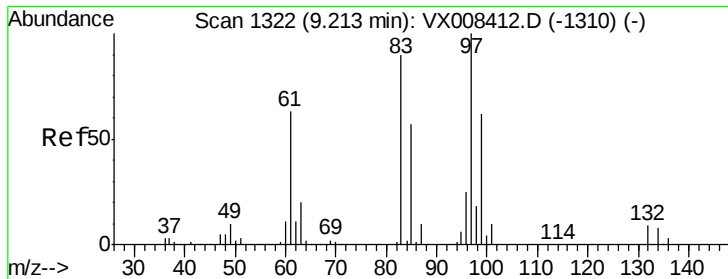
Tot Ion: 75 Resp: 64177
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.3 36.5



#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: 97 Resp: 49225

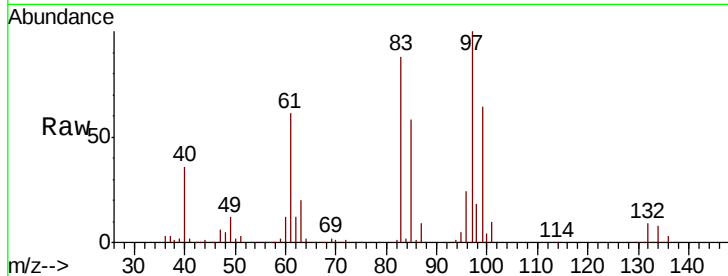
Ion Ratio Lower Upper

97 100

83 88.3 71.8 107.6

85 57.7 45.9 68.9

99 63.9 49.4 74.0

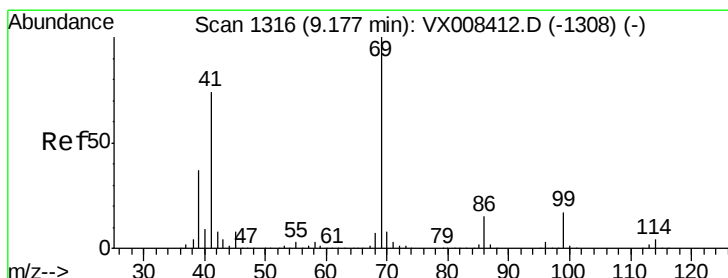
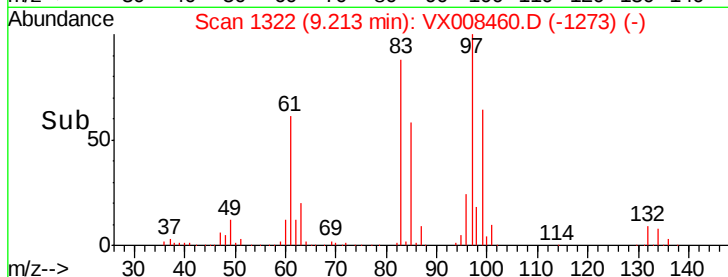
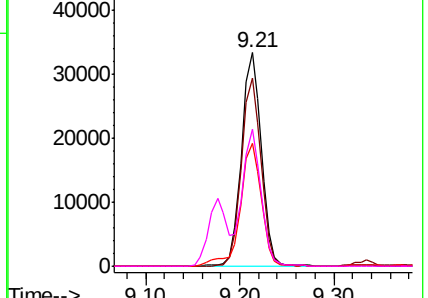


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#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

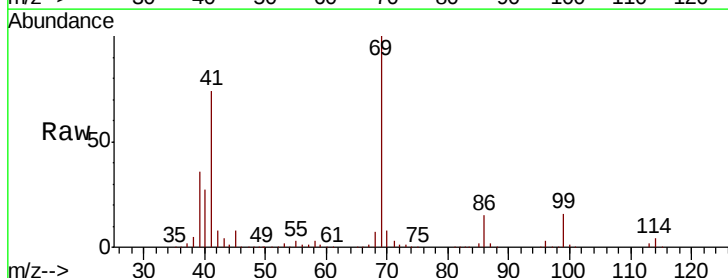
Tgt Ion: 69 Resp: 87749

Ion Ratio Lower Upper

69 100

41 74.2 59.5 89.3

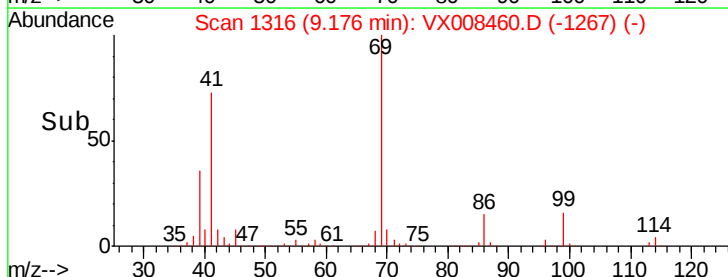
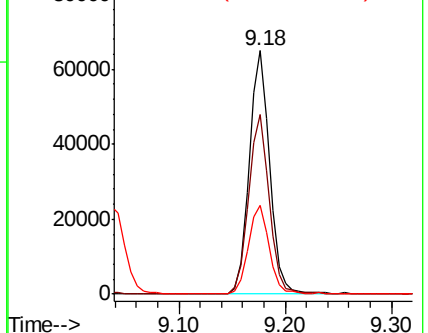
39 36.9 29.3 43.9

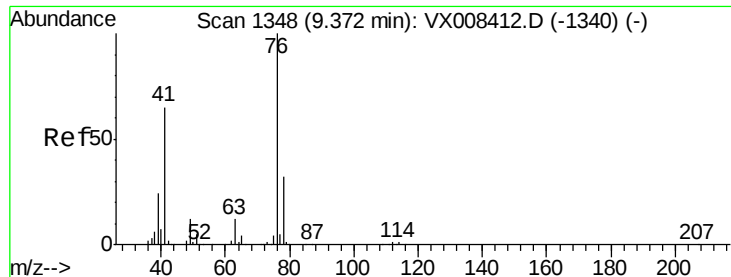


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#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 :

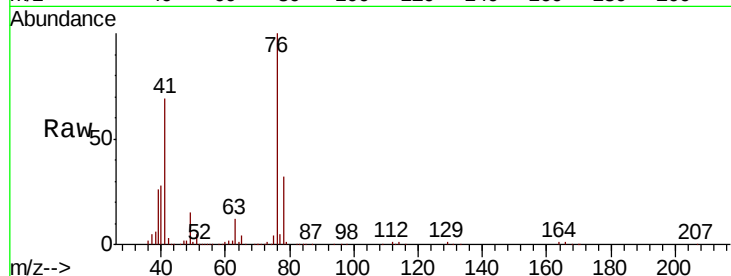
VX0326WBSD01

Tot Ion: 76 Resp: 85959

Ion Ratio Lower Upper

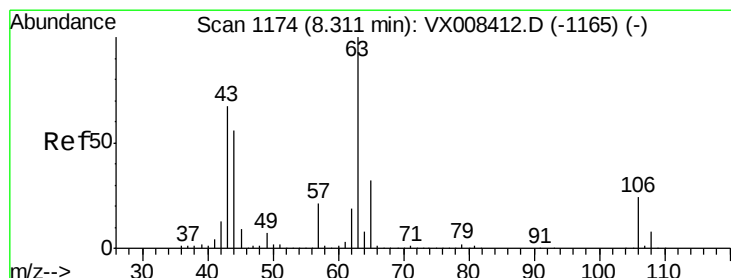
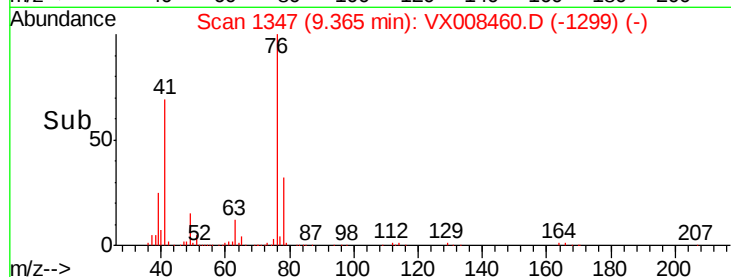
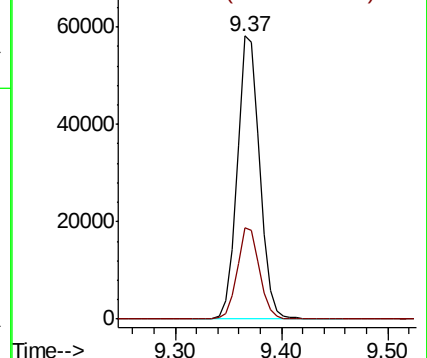
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#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

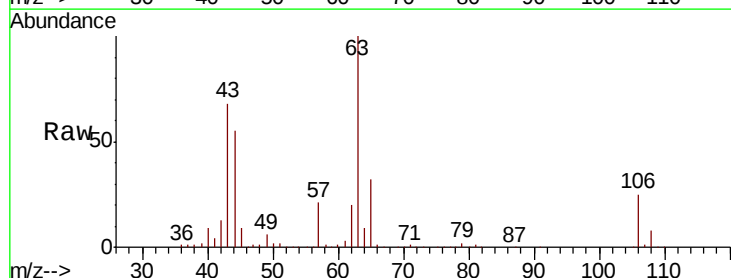
Acq: 26 Mar 2019 17:35

Tgt Ion: 63 Resp: 222891

Ion Ratio Lower Upper

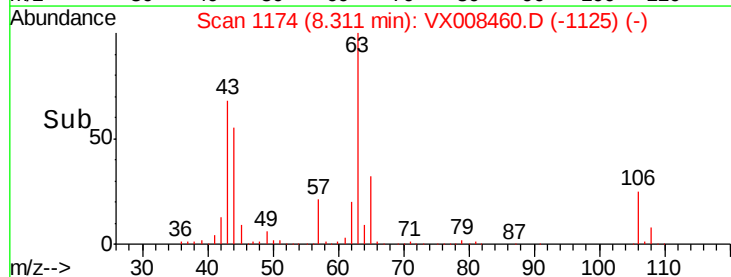
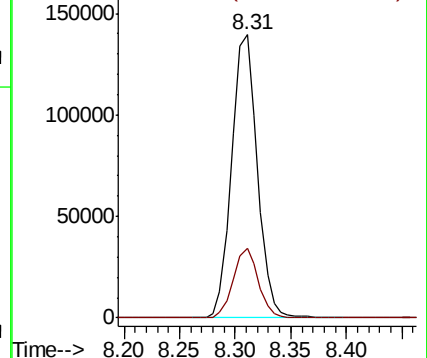
63 100

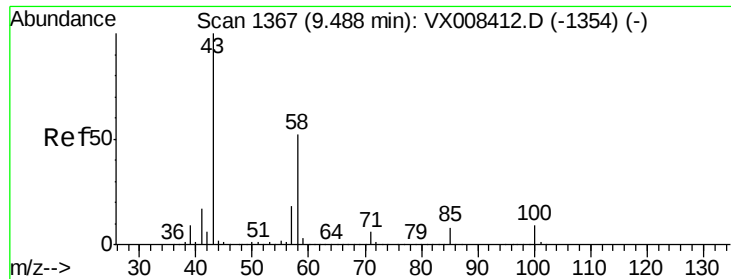
106 24.2 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

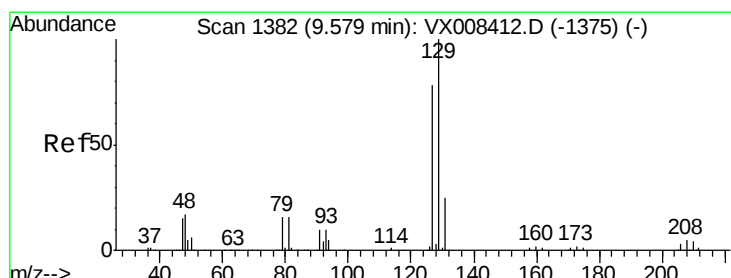
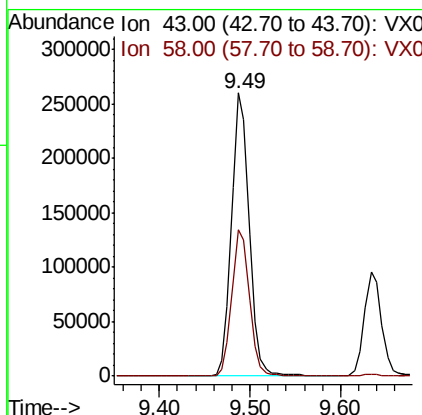
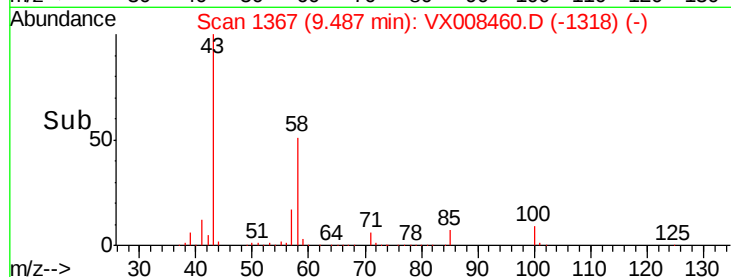
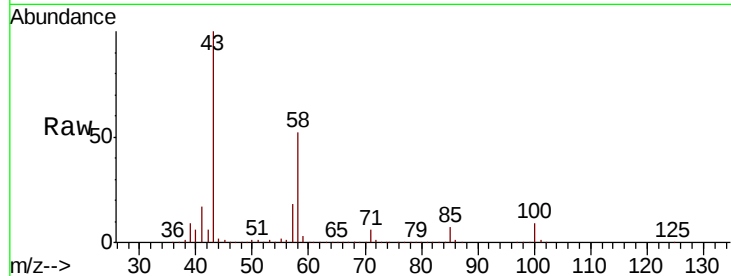




#59
2-Hexanone
Concen: 92.564 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

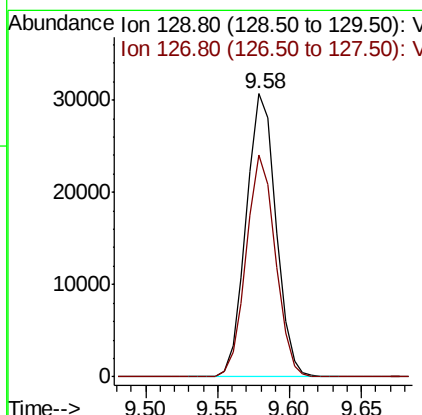
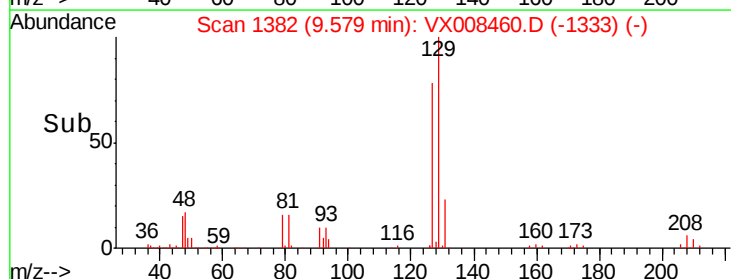
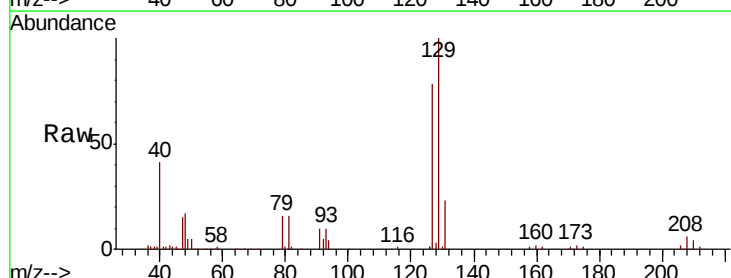
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

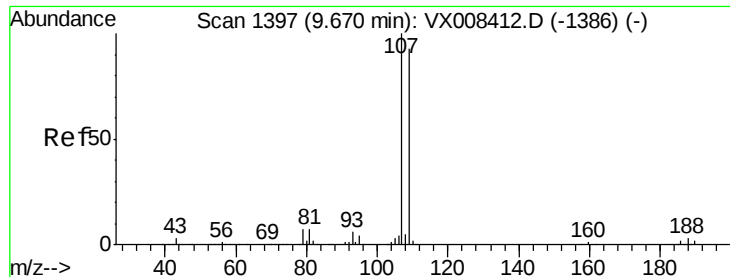
Tot Ion: 43 Resp: 351960
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#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 :

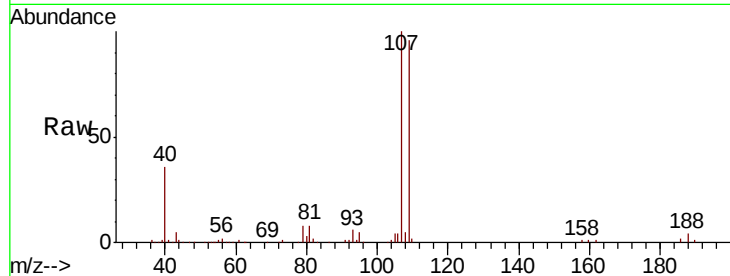
VX0326WBSD01

Tot Ion:107 Resp: 48813

Ion Ratio Lower Upper

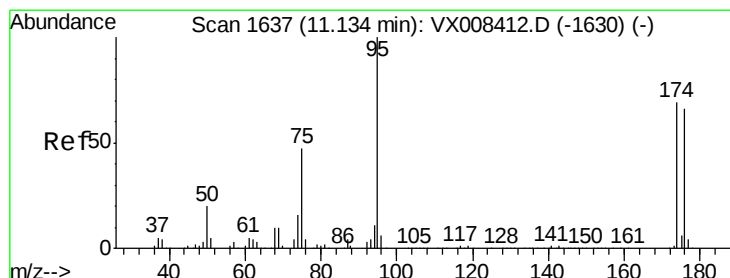
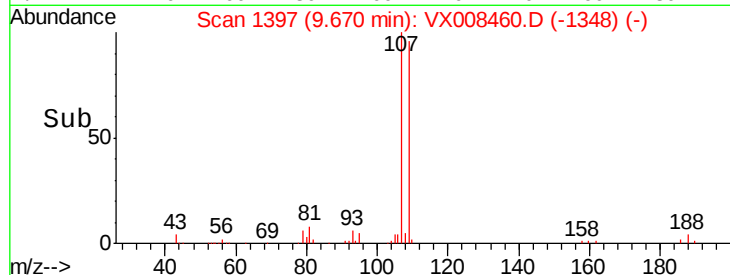
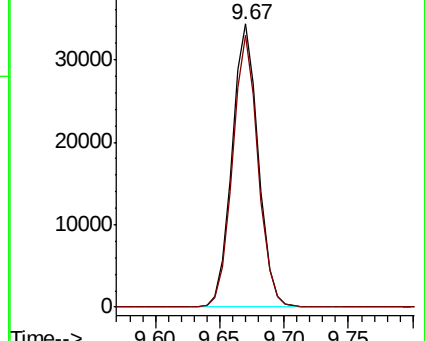
107 100

109 94.0 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#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

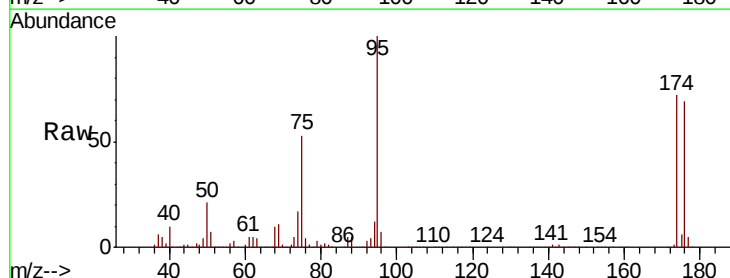
Tgt Ion: 95 Resp: 154776

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.2

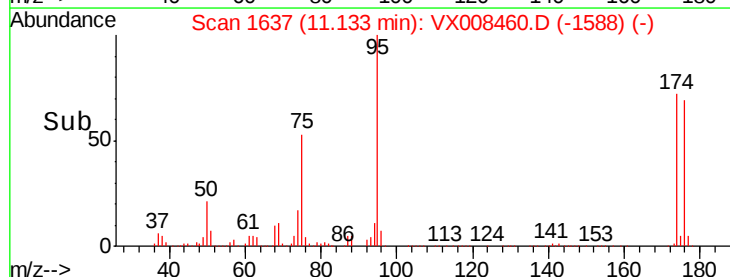
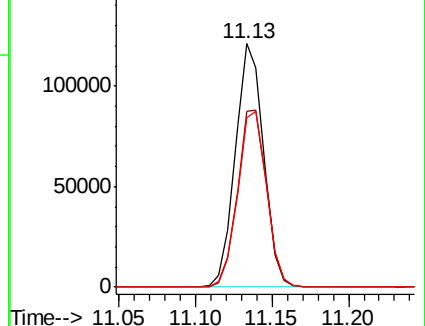
176 73.4 0.0 142.4

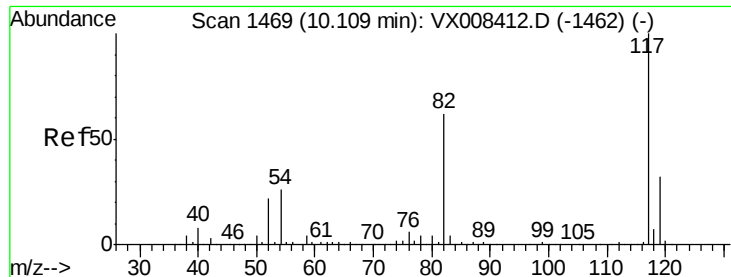


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

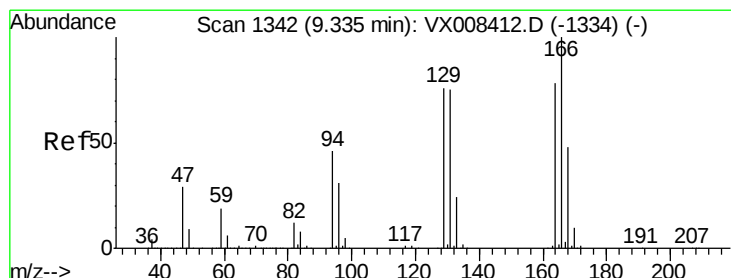
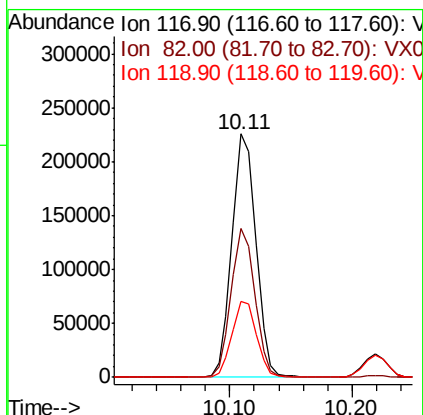
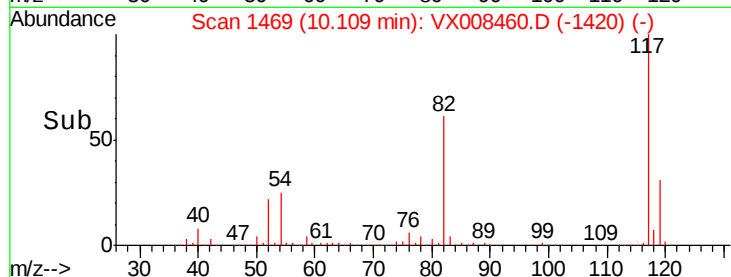
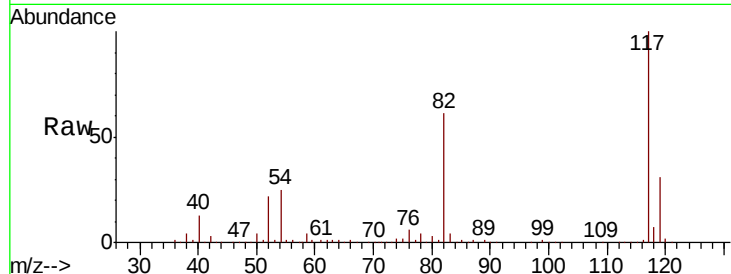




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

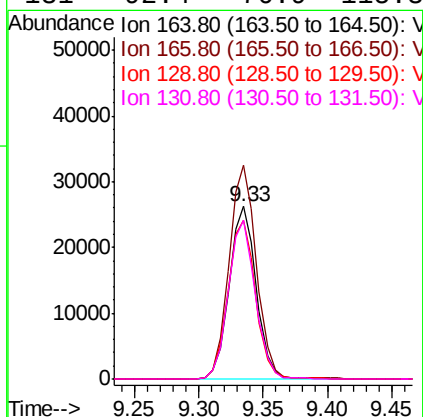
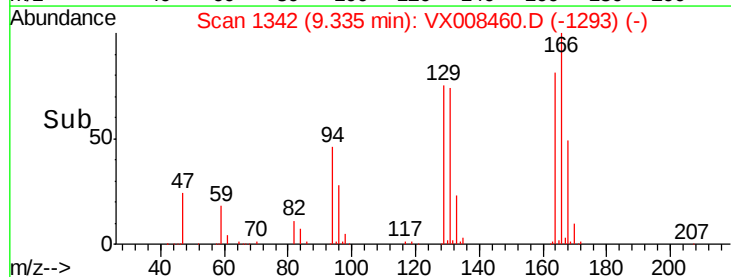
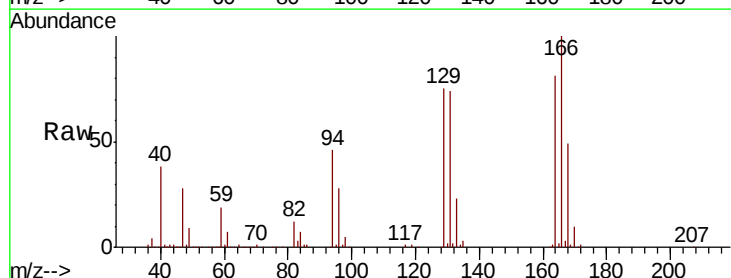
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

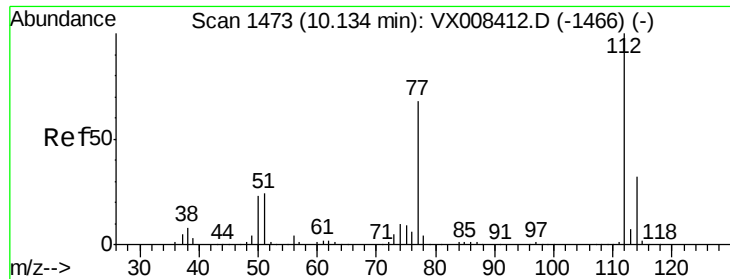
Tot Ion:117 Resp: 307139
Ion Ratio Lower Upper
117 100
82 61.3 49.4 74.2
119 31.2 25.4 38.0



#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:164 Resp: 38532
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

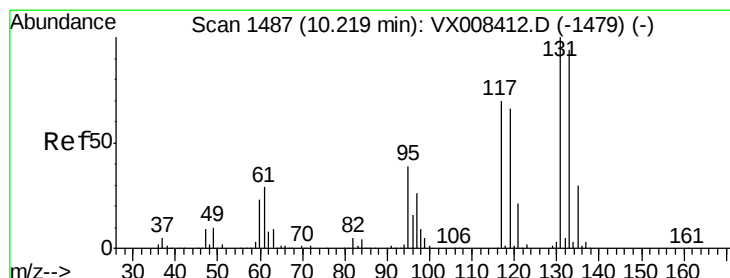
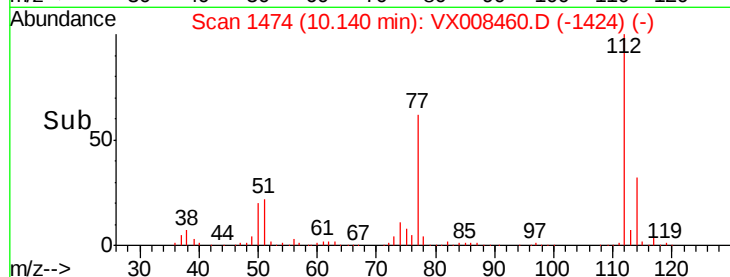
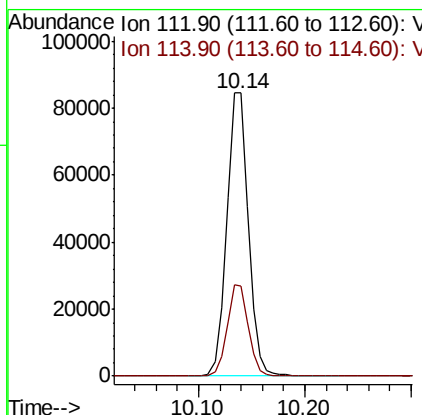
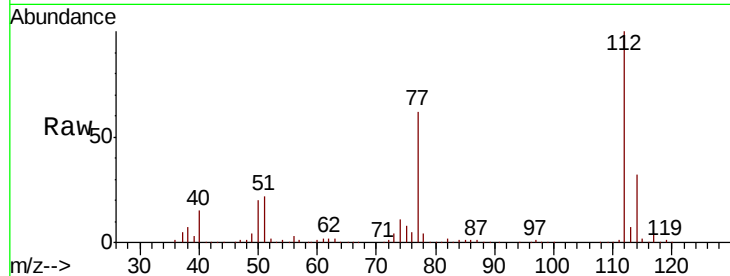




#65
Chlorobenzene
Concen: 18.027 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

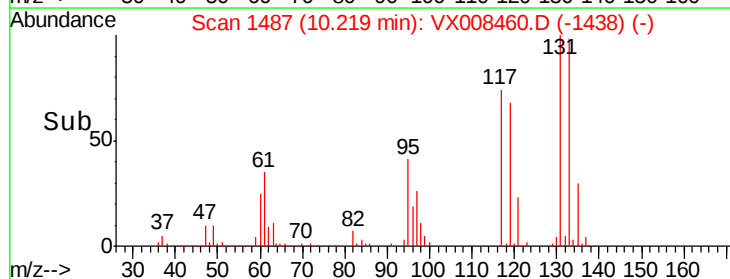
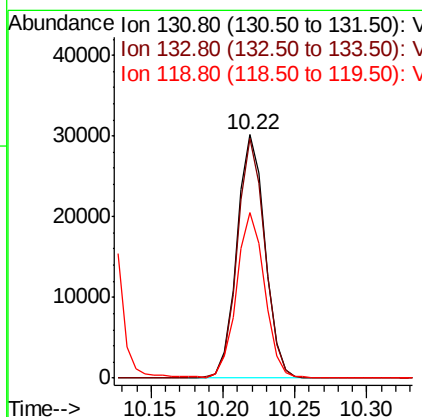
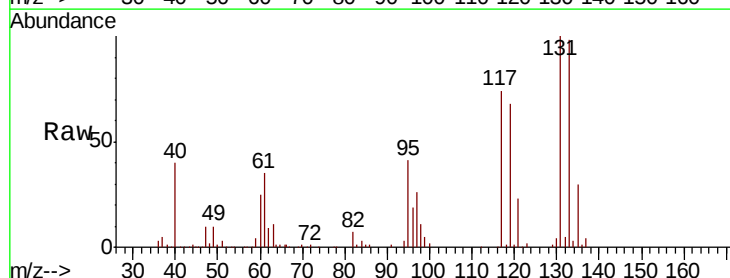
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

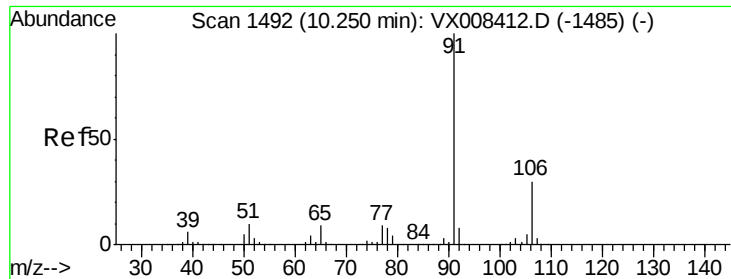
Tot Ion:112 Resp: 120409
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#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 :

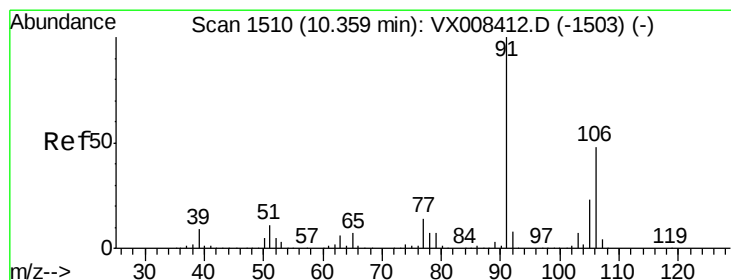
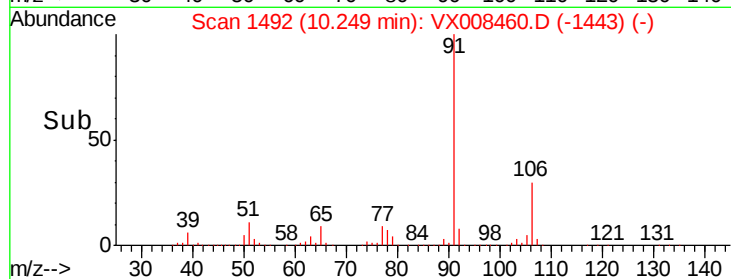
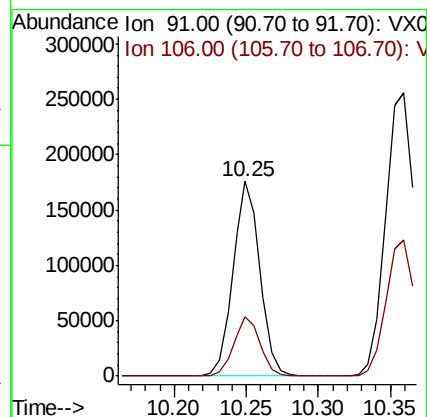
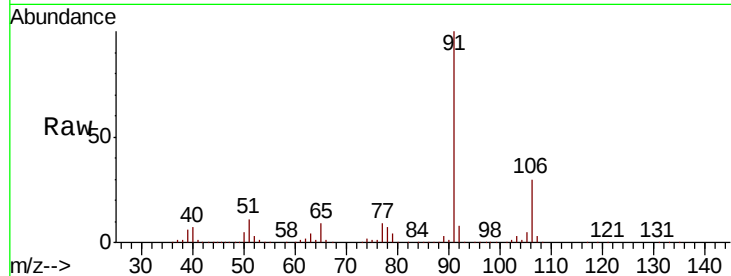
VX0326WBSD01

Tot Ion: 91 Resp: 229396

Ion Ratio Lower Upper

91 100

106 30.3 24.0 36.0



#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

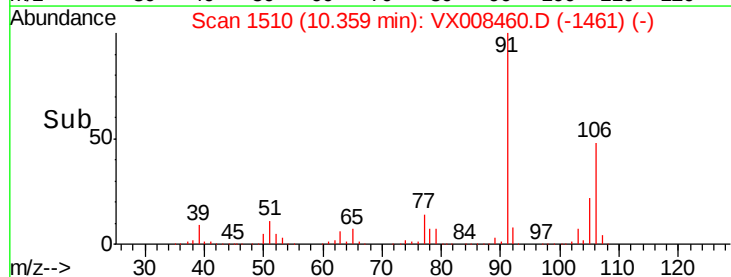
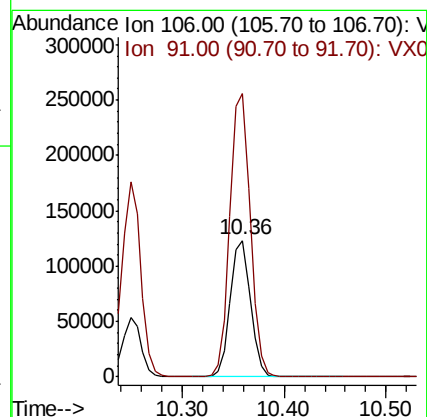
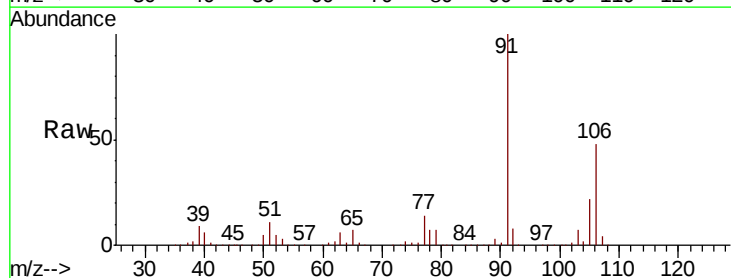
Acq: 26 Mar 2019 17:35

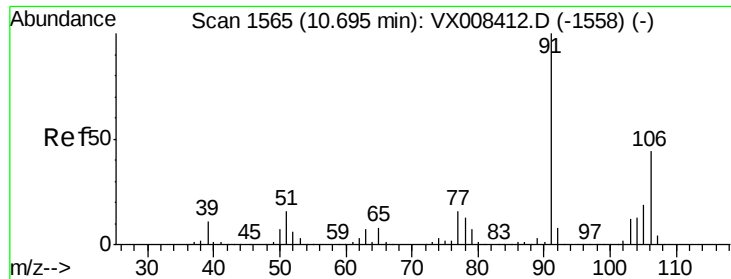
Tgt Ion: 106 Resp: 169852

Ion Ratio Lower Upper

106 100

91 209.4 168.6 253.0

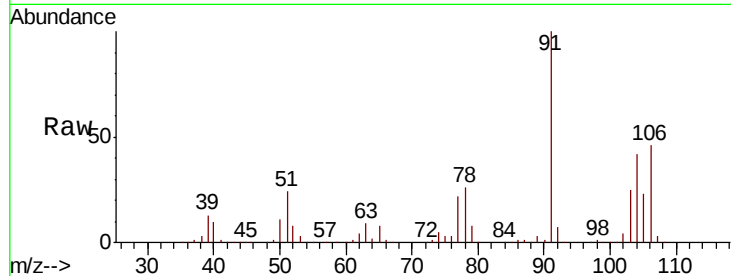




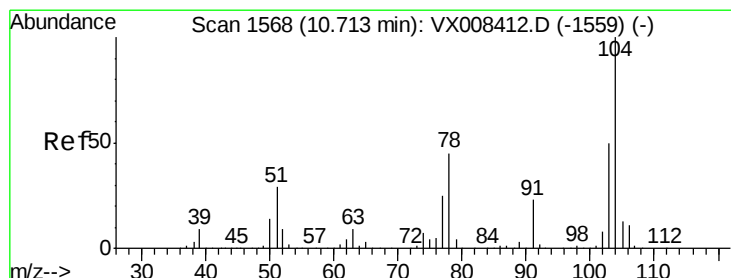
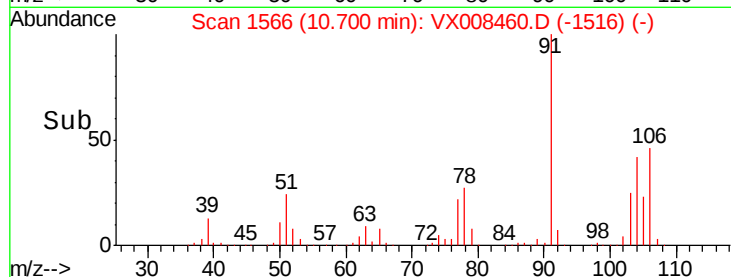
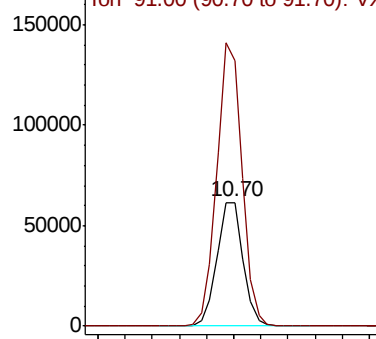
#69
o-Xylene
Concen: 18.566 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

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

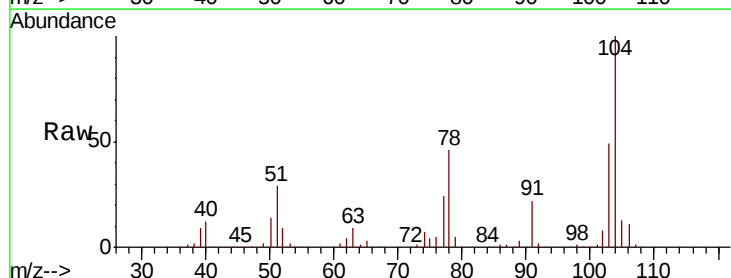


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

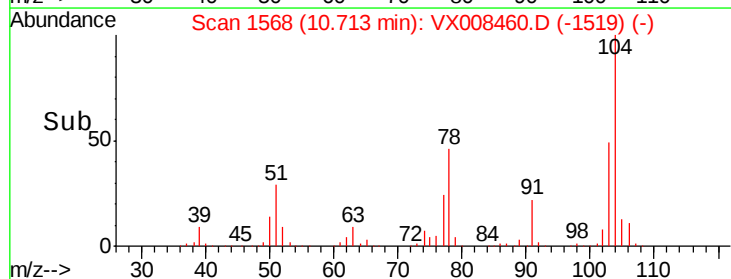
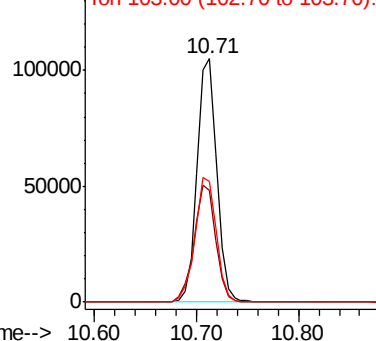


#70
Styrene
Concen: 18.276 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

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



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#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

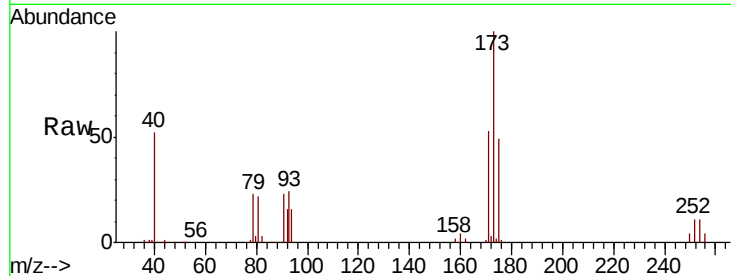
Tot Ion:173 Resp: 30857

Ion Ratio Lower Upper

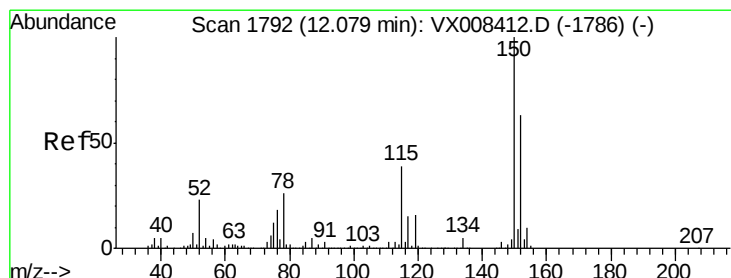
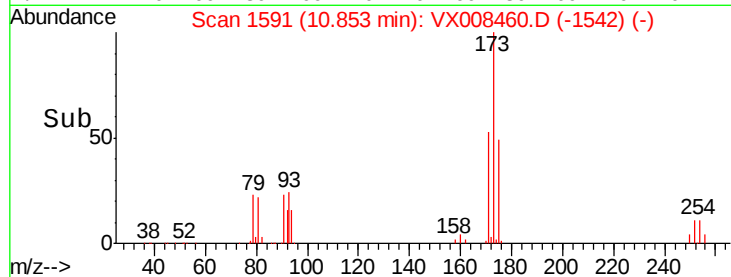
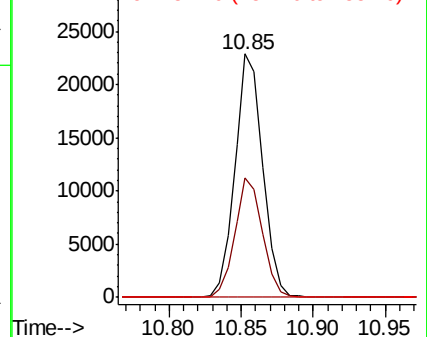
173 100

175 48.9 24.3 72.8

254 0.0 0.2 0.2#



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

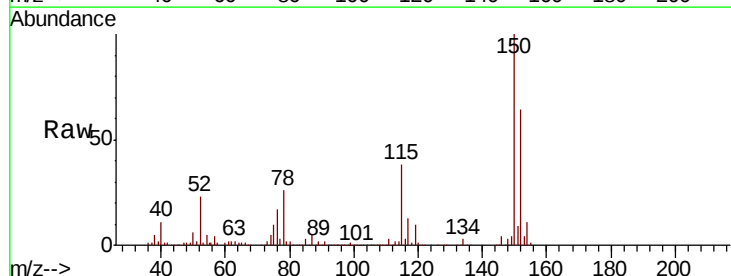
Tgt Ion:152 Resp: 144148

Ion Ratio Lower Upper

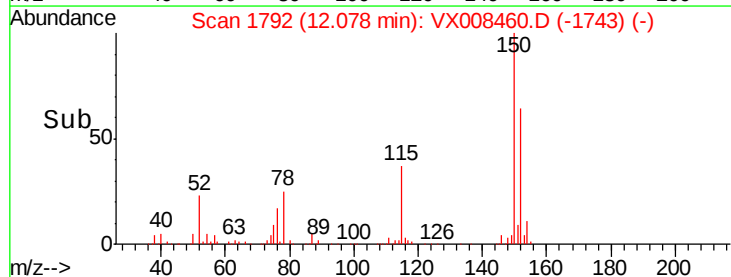
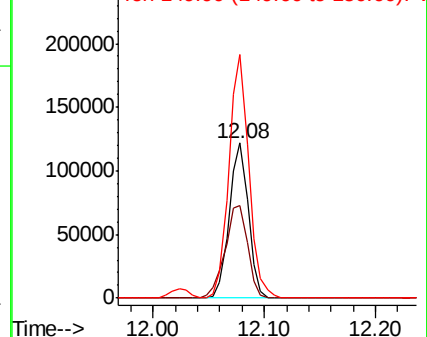
152 100

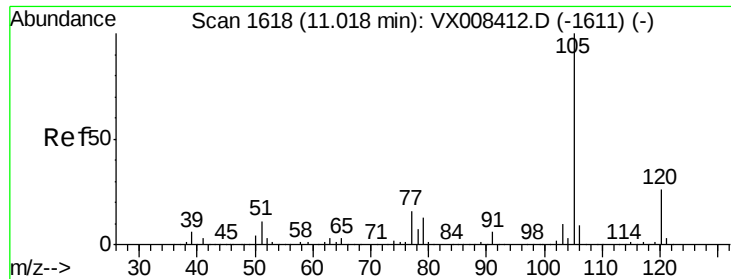
115 70.6 43.5 130.5

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

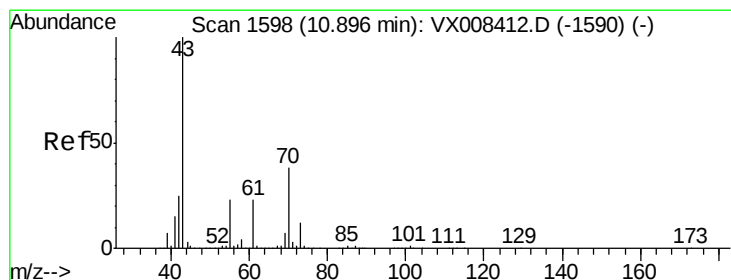
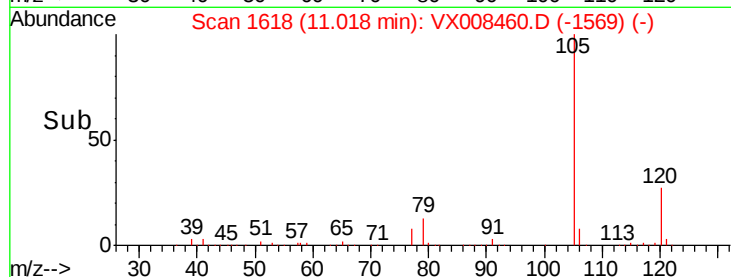
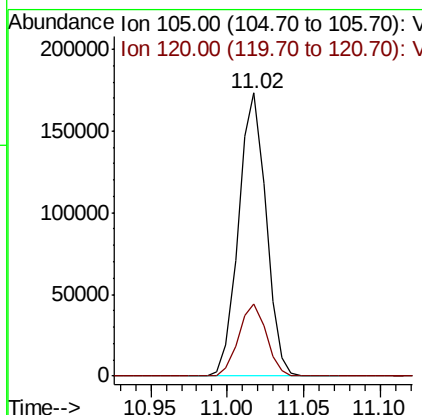
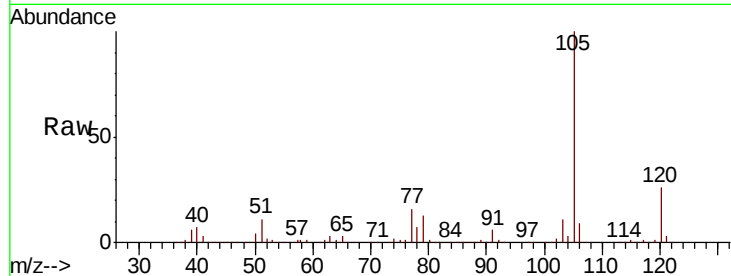




#73
Isopropylbenzene
Concen: 18.451 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

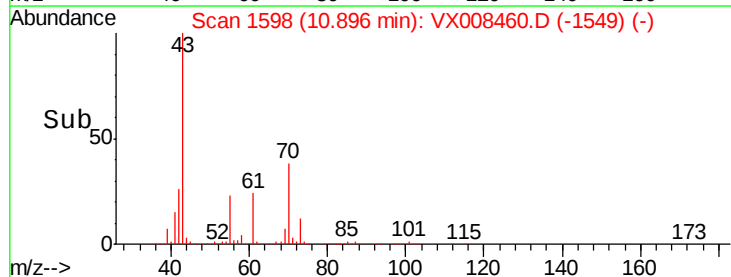
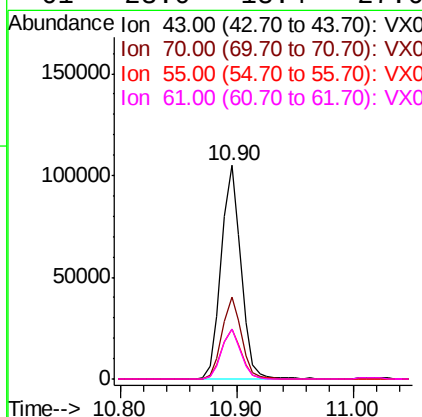
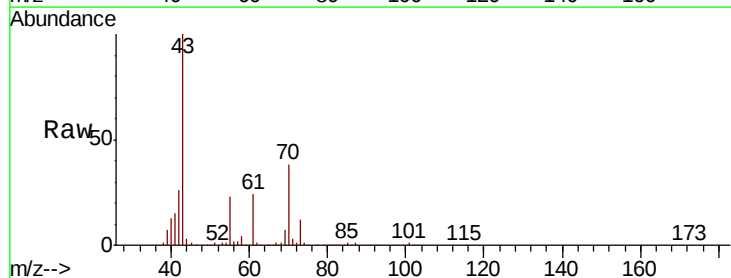
Instrument :
MSVOA_X
ClientSampleId :
VX0326WBSD01

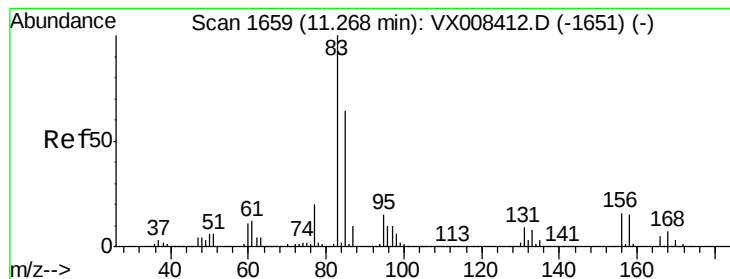
Tot Ion: 105 Resp: 216383
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#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

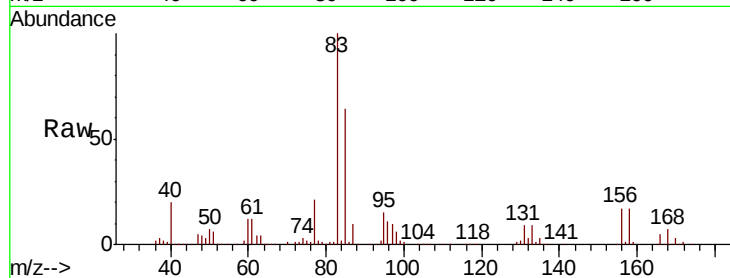
Tot Ion: 83 Resp: 80767

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.4

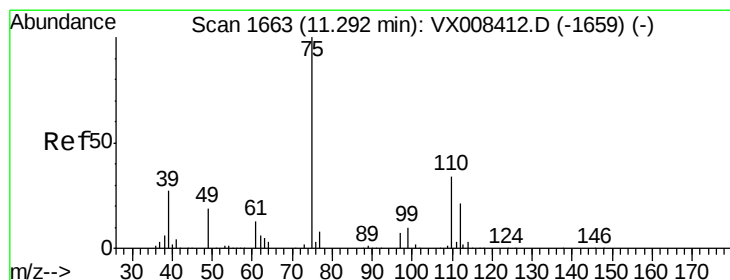
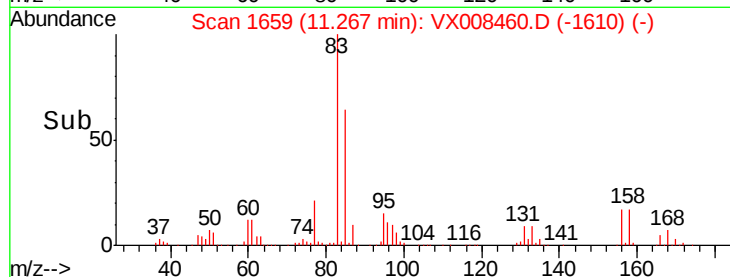
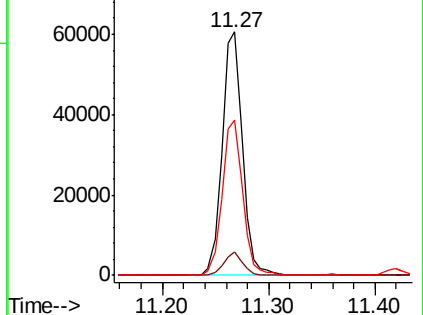
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.114 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008460.D

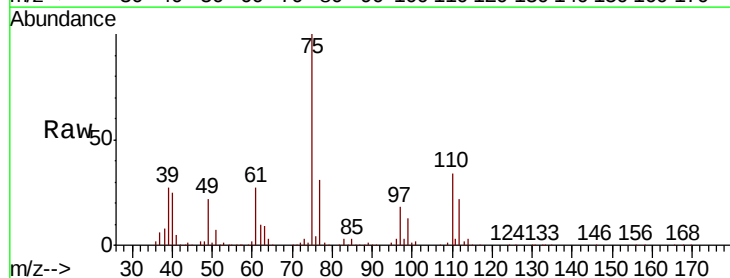
Acq: 26 Mar 2019 17:35

Tgt Ion: 75 Resp: 86195

Ion Ratio Lower Upper

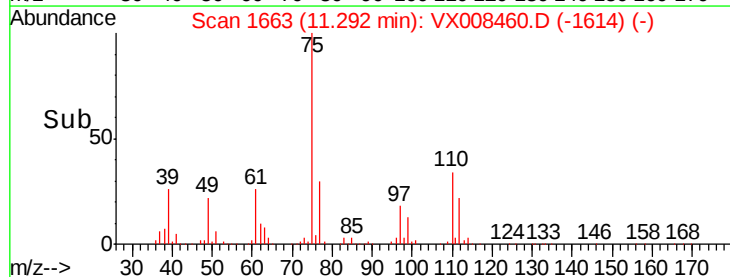
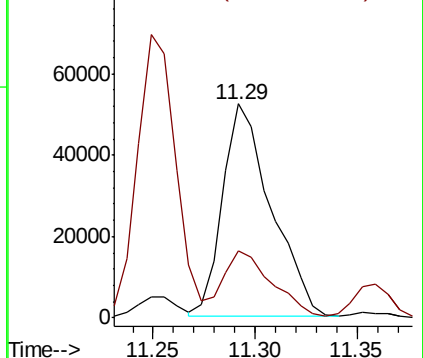
75 100

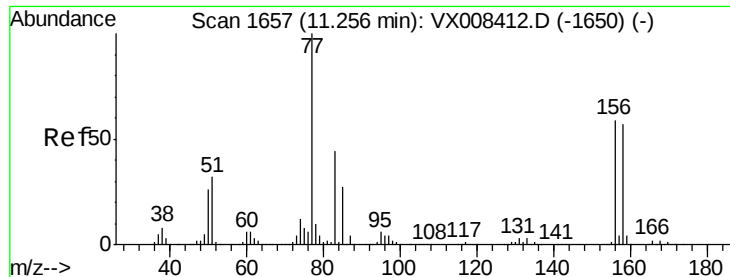
77 32.3 21.9 65.7



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

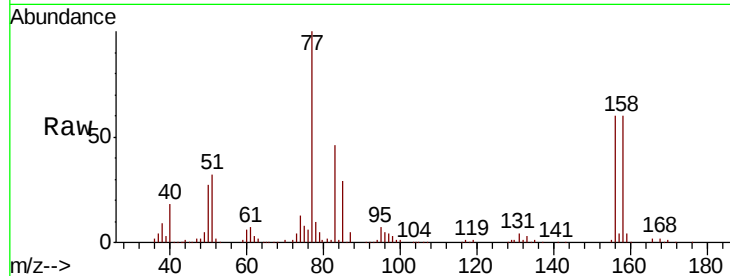
Tot Ion:156 Resp: 51103

Ion Ratio Lower Upper

156 100

77 178.2 91.1 273.3

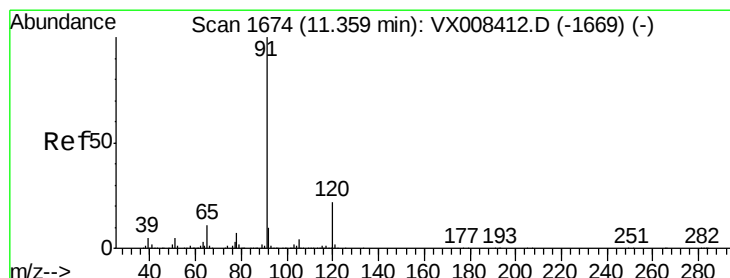
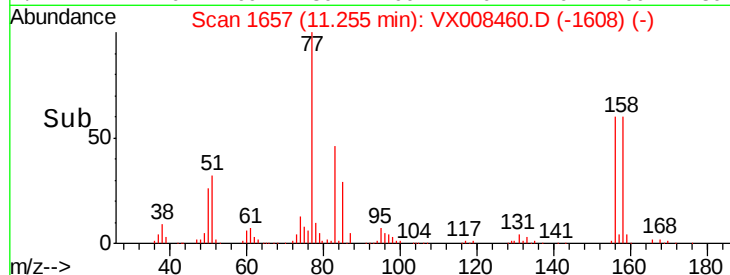
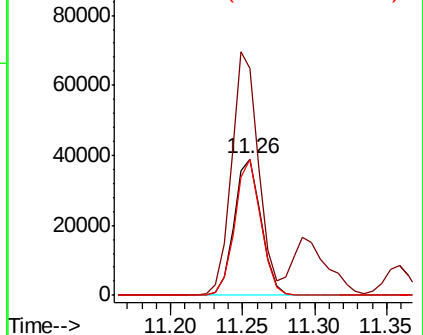
158 96.3 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.567 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008460.D

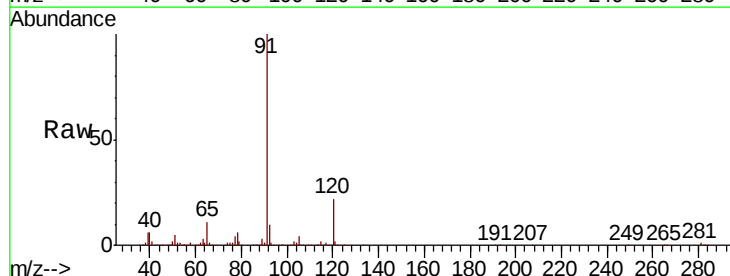
Acq: 26 Mar 2019 17:35

Tgt Ion: 91 Resp: 255059

Ion Ratio Lower Upper

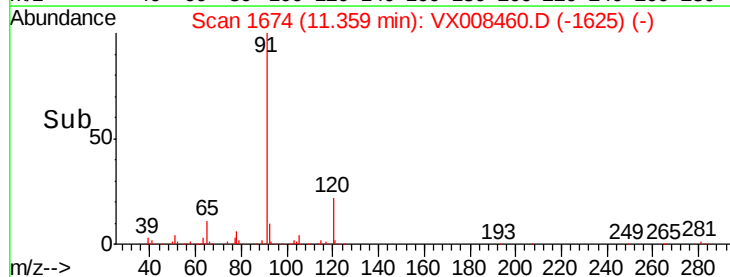
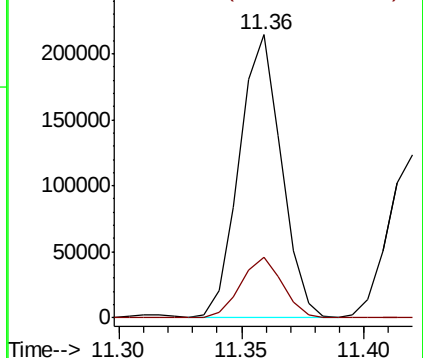
91 100

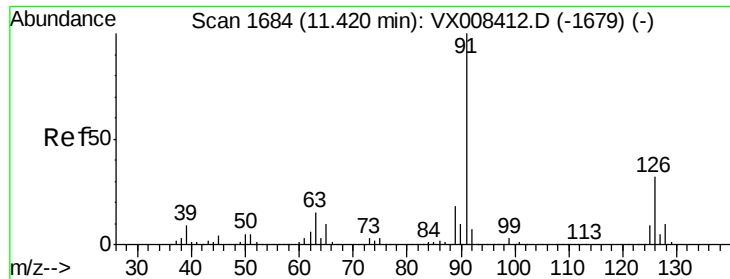
120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#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

ClientSampleId :

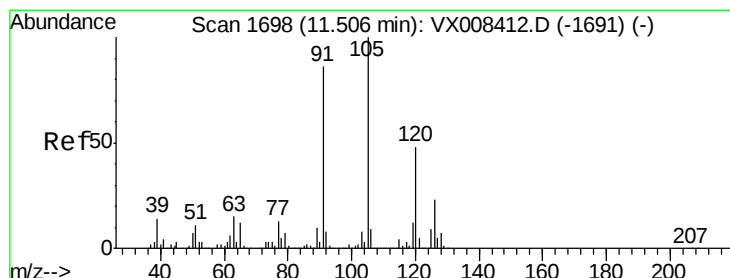
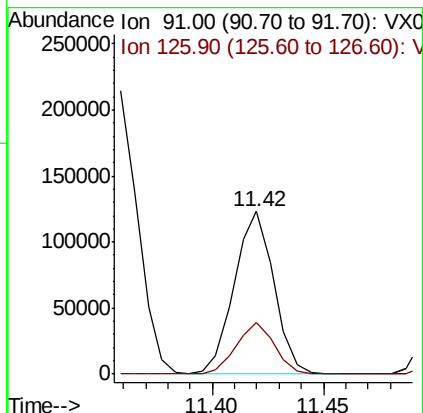
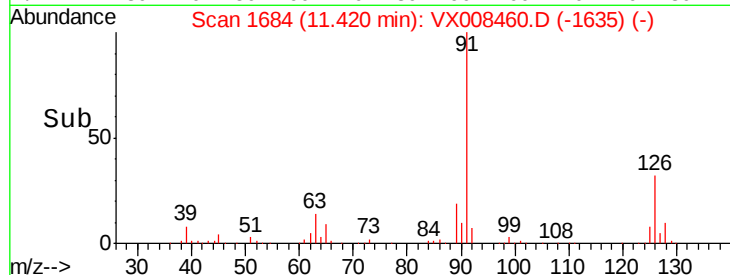
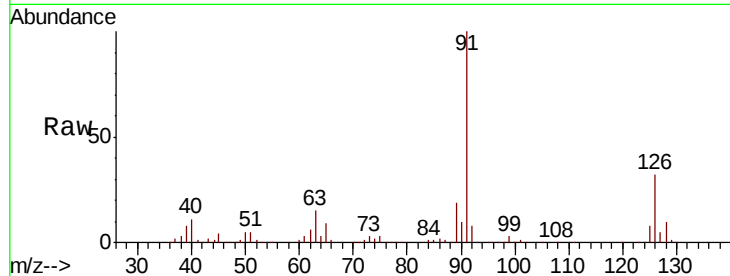
VX0326WBSD01

Tot Ion: 91 Resp: 151981

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.1



#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

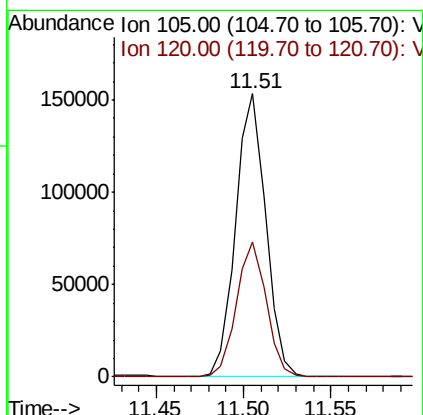
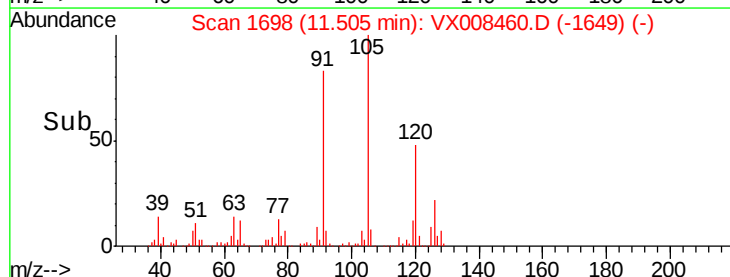
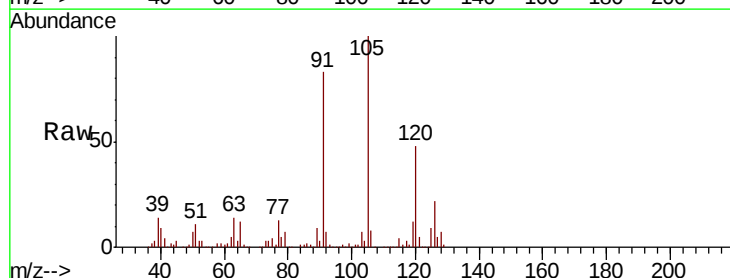
Acq: 26 Mar 2019 17:35

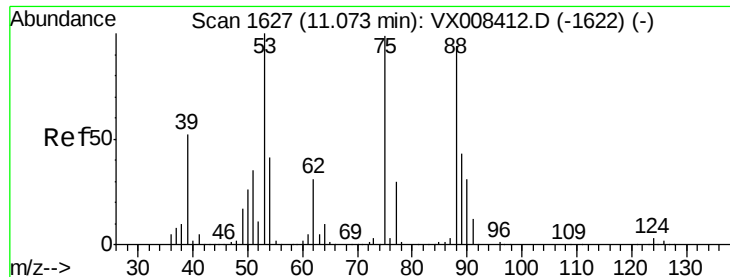
Tgt Ion: 105 Resp: 182990

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

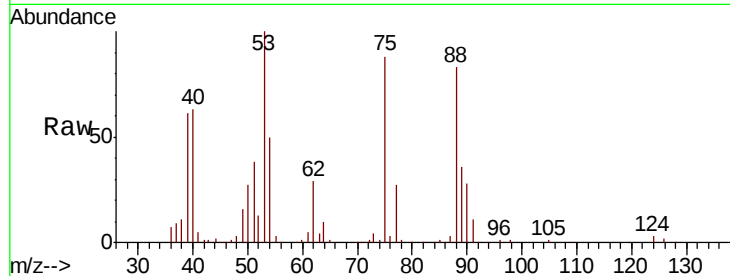
Tot Ion: 75 Resp: 20688

Ion Ratio Lower Upper

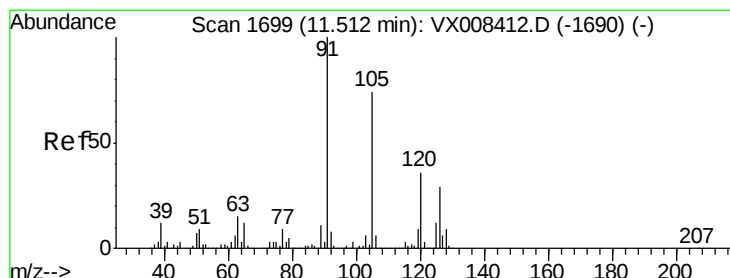
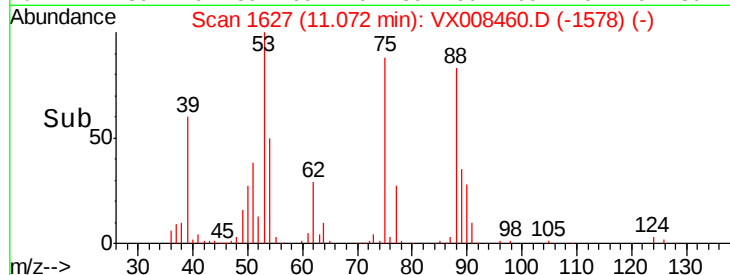
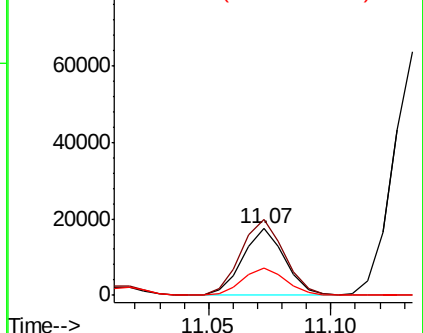
75 100

53 117.8 82.1 123.1

89 42.2 34.6 52.0



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



#82

4-Chlorotoluene

Concen: 17.860 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008460.D

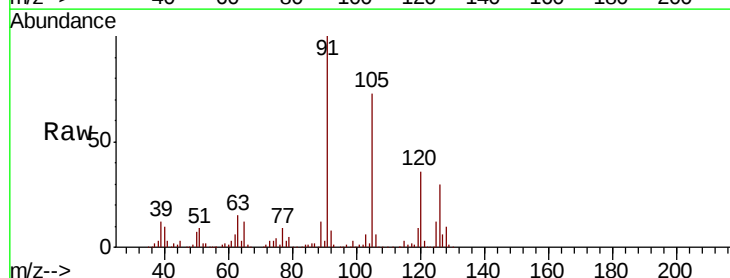
Acq: 26 Mar 2019 17:35

Tgt Ion: 91 Resp: 172144

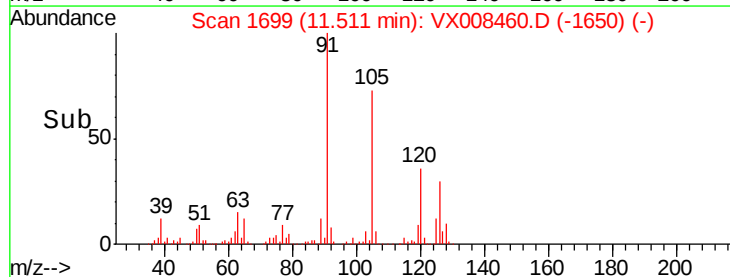
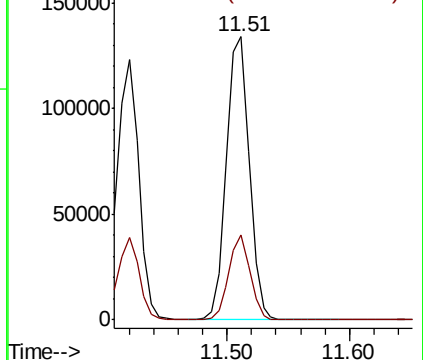
Ion Ratio Lower Upper

91 100

126 28.3 13.9 41.7



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

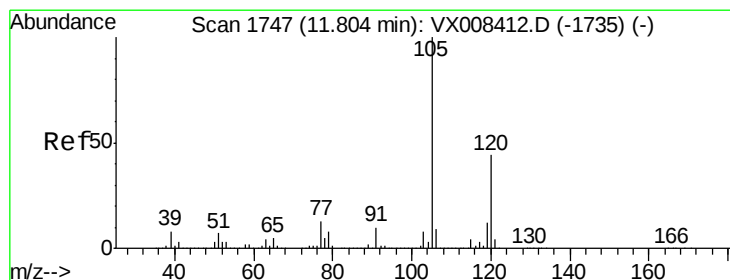
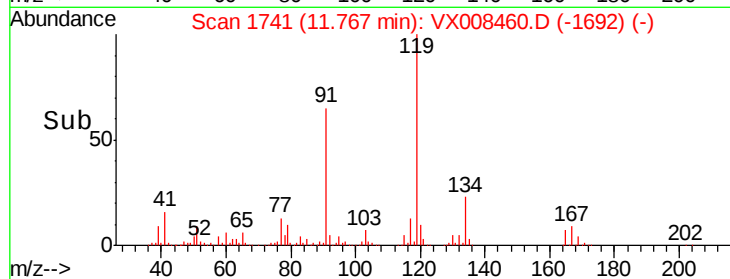
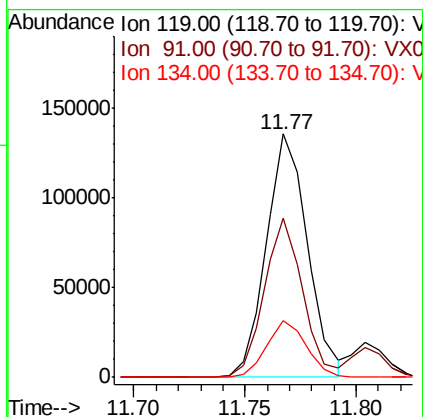
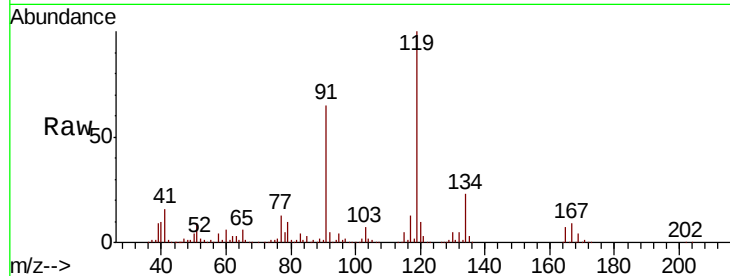




#83
tert-Butylbenzene
Concen: 18.259 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

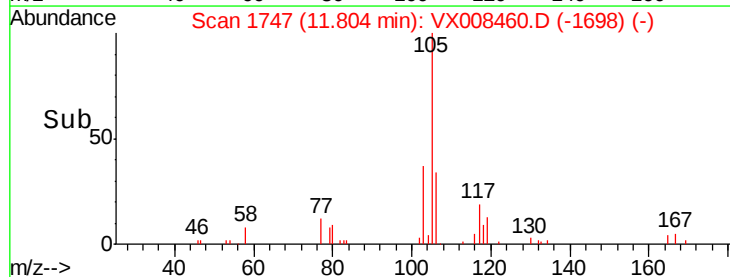
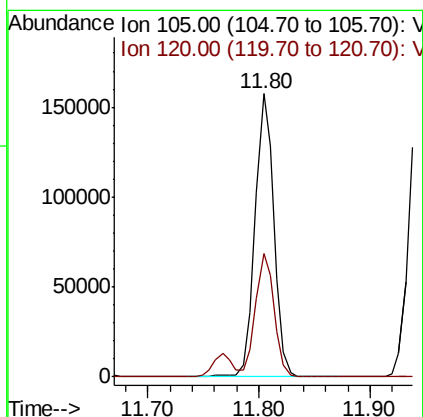
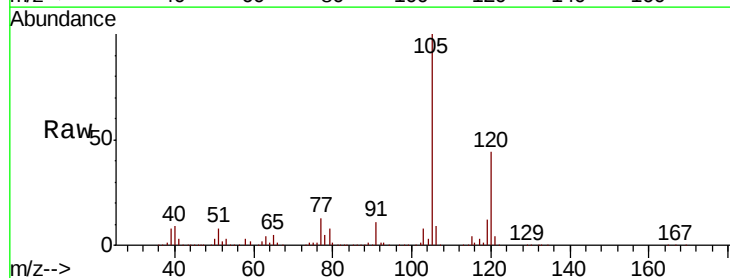
Instrument :
MSVOA_X
ClientSampled :
VX0326WBSD01

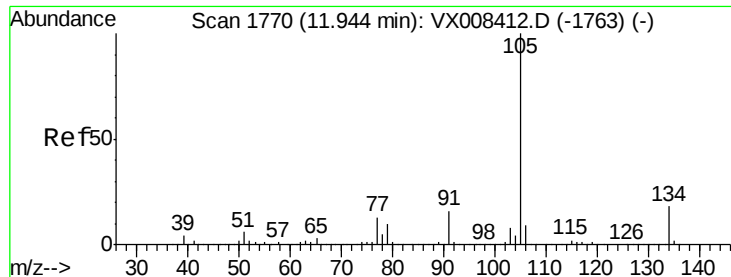
Tot Ion:119 Resp: 174654
Ion Ratio Lower Upper
119 100
91 61.4 30.1 90.3
134 22.4 10.9 32.9



#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:105 Resp: 186012
Ion Ratio Lower Upper
105 100
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 :

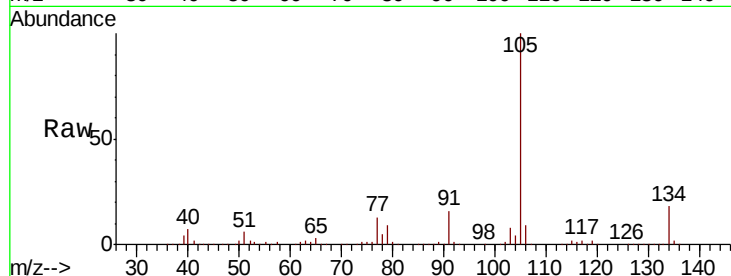
VX0326WBSD01

Tot Ion:105 Resp: 210826

Ion Ratio Lower Upper

105 100

134 19.1 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

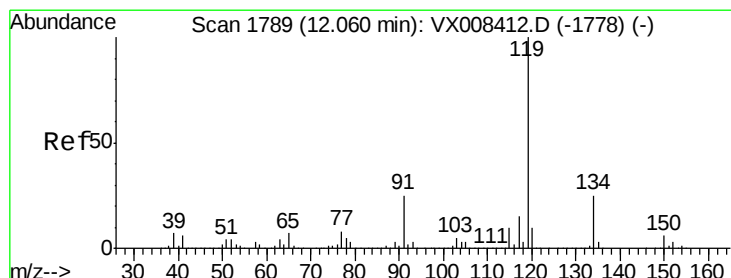
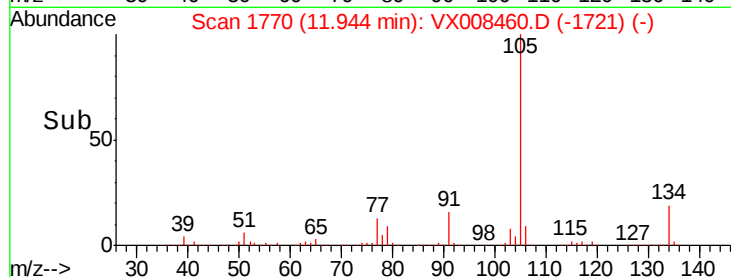
100000

50000

0

11.90 11.95 12.00

Time-->



#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

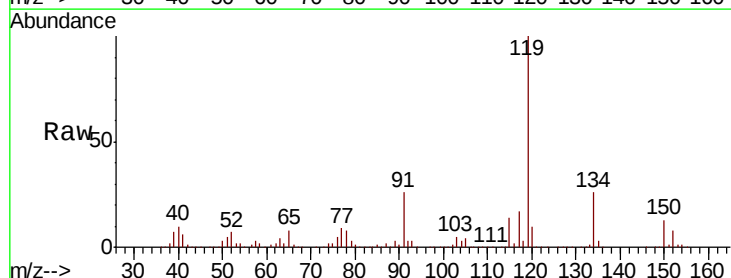
Tgt Ion:119 Resp: 189007

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.9 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

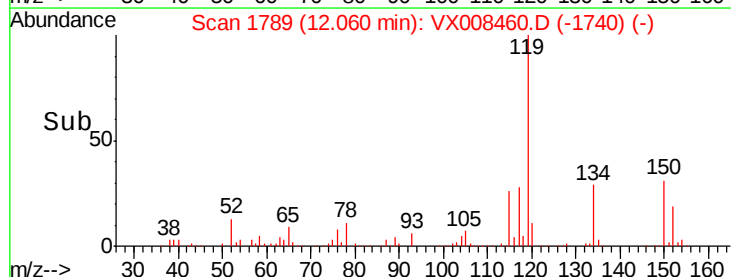
100000

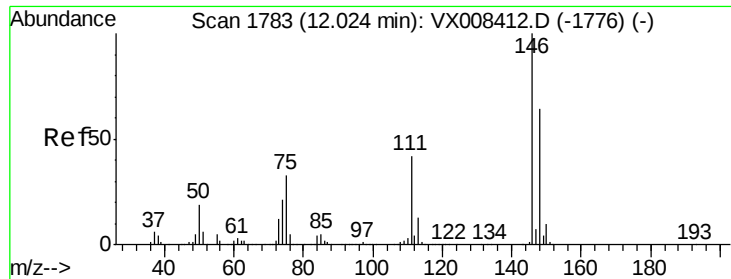
50000

0

12.00 12.10

Time-->





#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

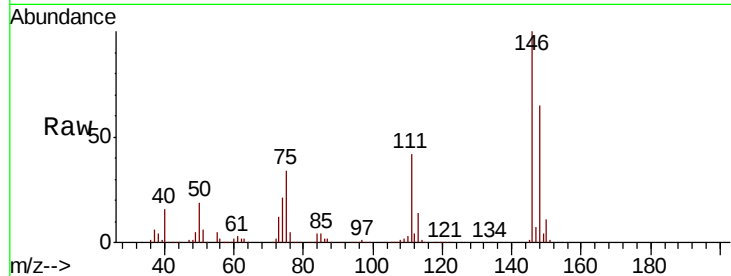
Tot Ion:146 Resp: 89775

Ion Ratio Lower Upper

146 100

111 42.6 20.8 62.5

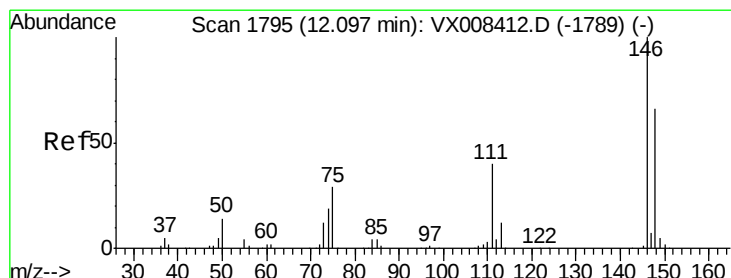
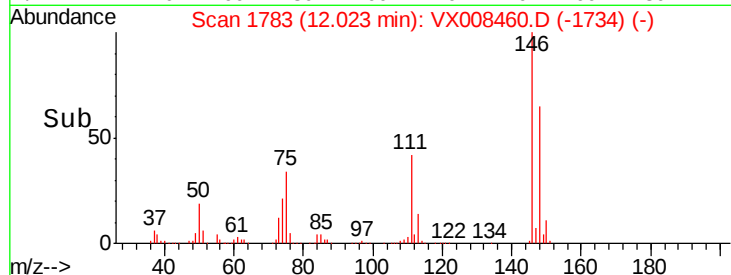
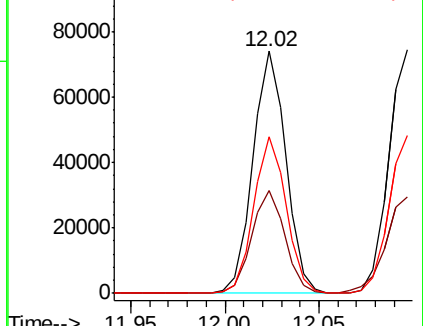
148 63.7 32.0 96.0



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



#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

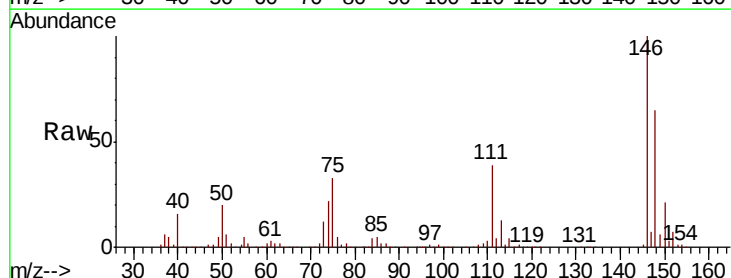
Tgt Ion:146 Resp: 90923

Ion Ratio Lower Upper

146 100

111 42.0 20.3 61.0

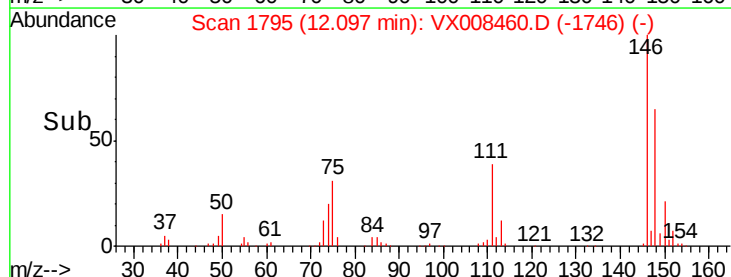
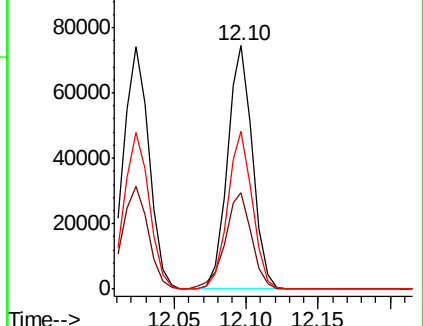
148 64.4 32.1 96.5

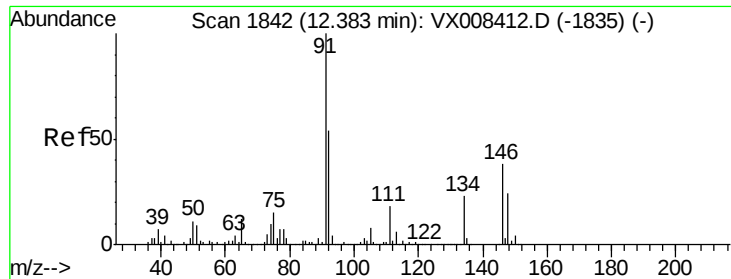


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#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

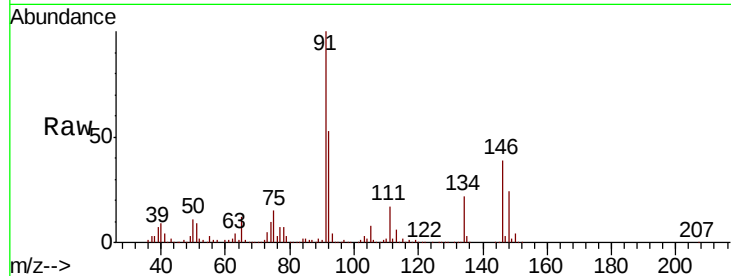
Tot Ion: 91 Resp: 170332

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

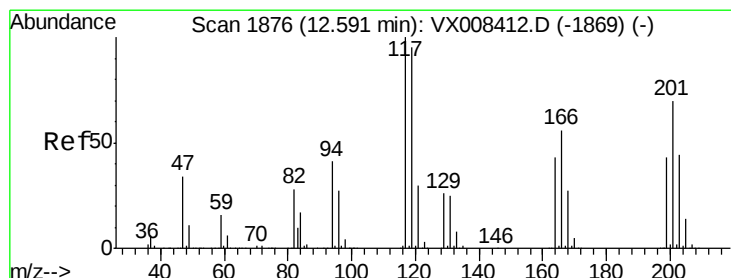
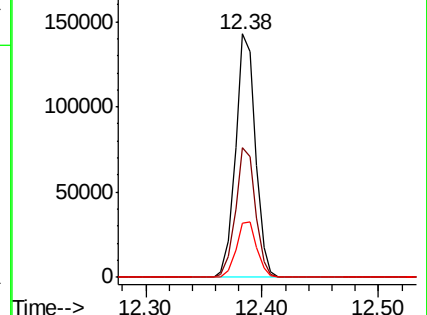
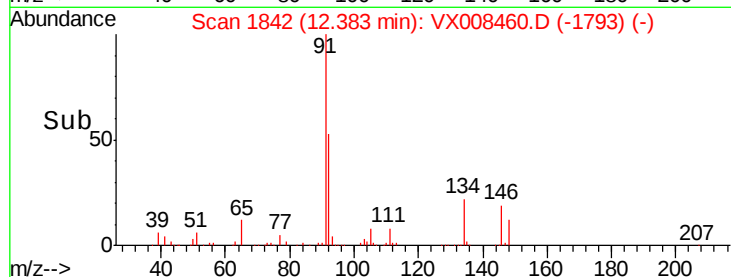
134 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.304 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008460.D

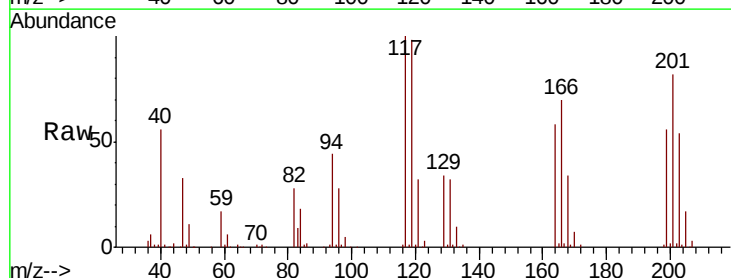
Acq: 26 Mar 2019 17:35

Tgt Ion: 117 Resp: 28976

Ion Ratio Lower Upper

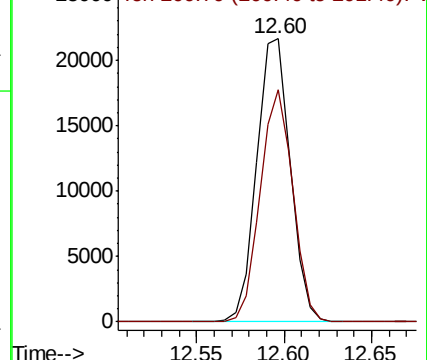
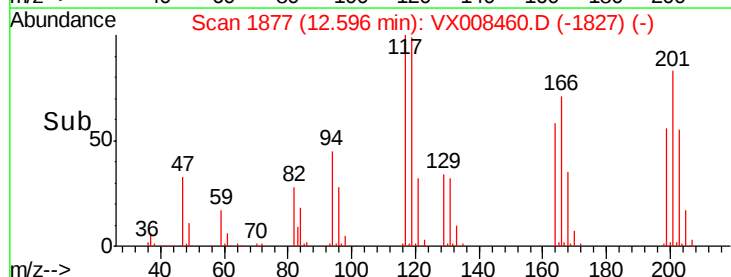
117 100

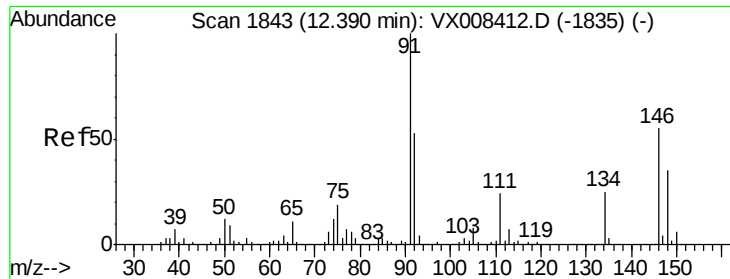
201 79.5 39.4 118.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#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

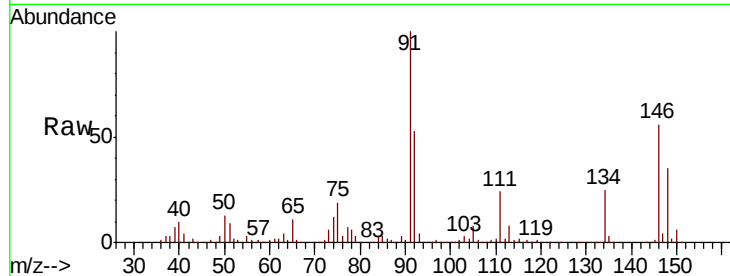
Tot Ion:146 Resp: 92245

Ion Ratio Lower Upper

146 100

111 42.9 21.6 64.6

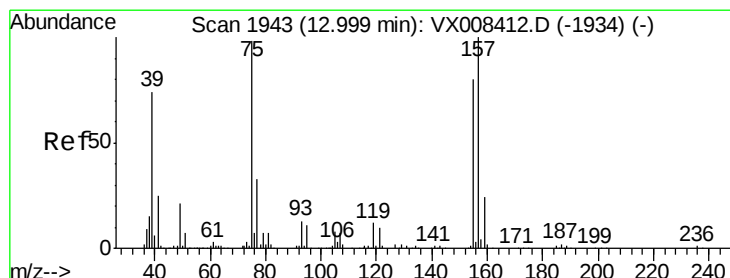
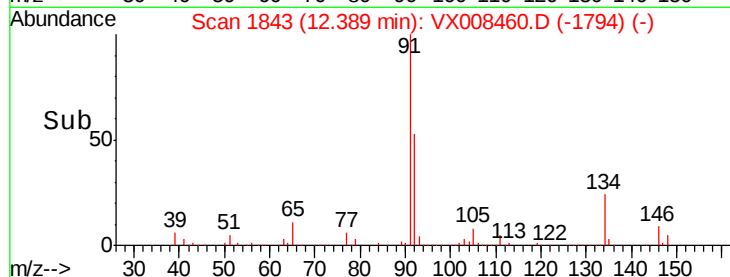
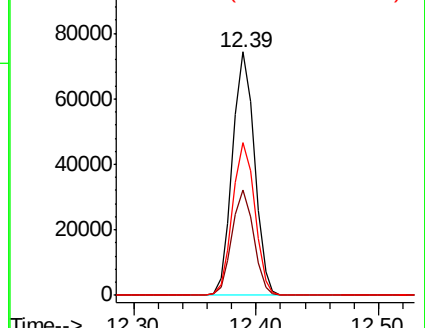
148 63.4 31.9 95.7



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

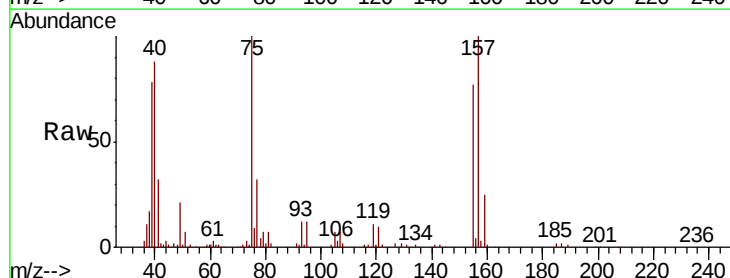
Tgt Ion: 75 Resp: 18050

Ion Ratio Lower Upper

75 100

155 76.9 39.5 118.5

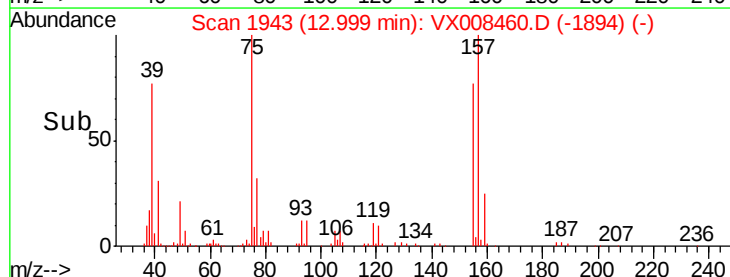
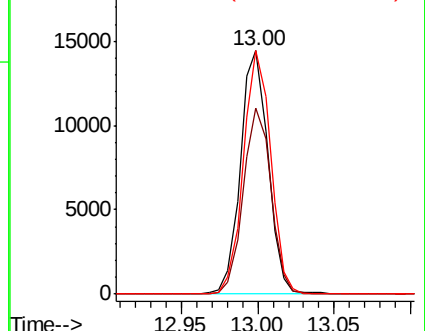
157 98.6 49.9 149.7

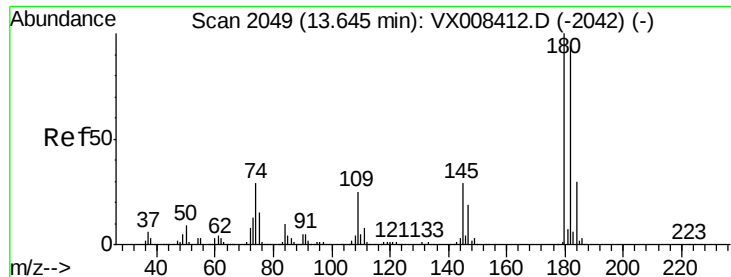


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

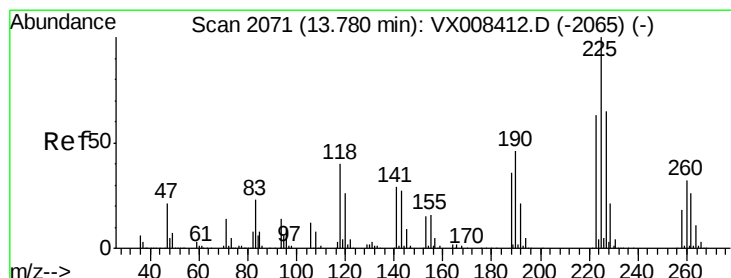
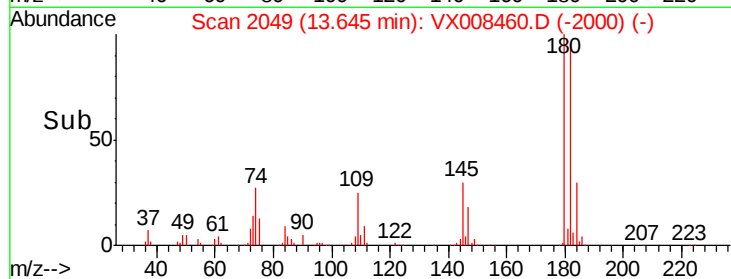
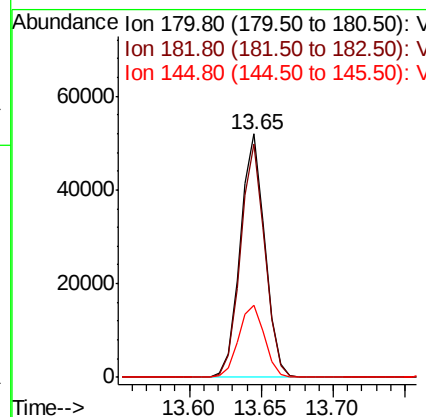
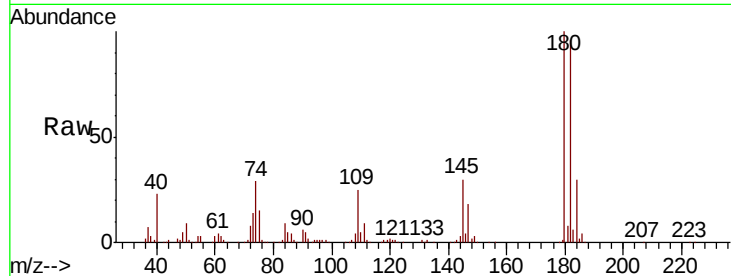




#93
 1,2,4-Trichlorobenzene
 Concen: 18.093 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008460.D
 Acq: 26 Mar 2019 17:35

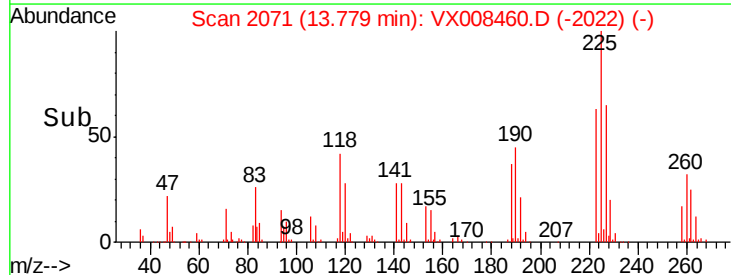
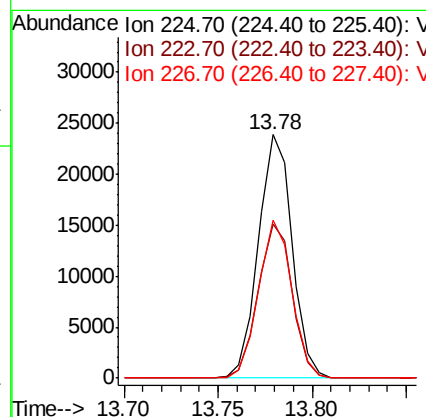
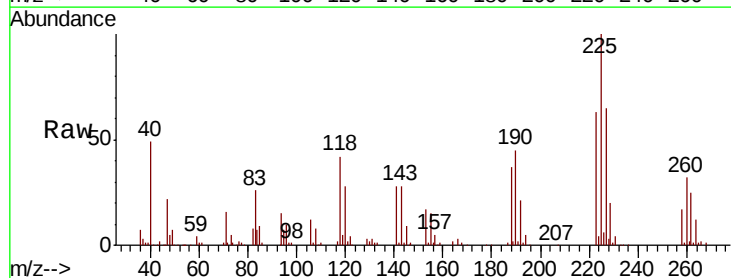
Instrument :
 MSVOA_X
 ClientSampled :
 VX0326WBSD01

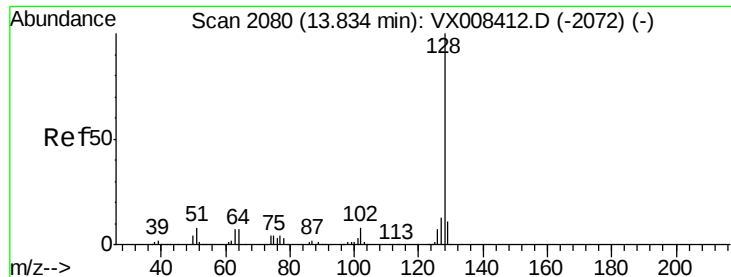
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	31.0	15.3	45.8



#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

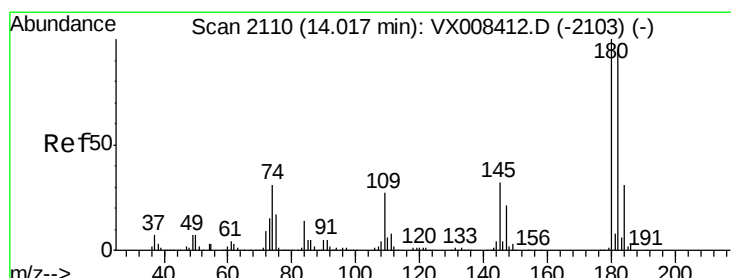
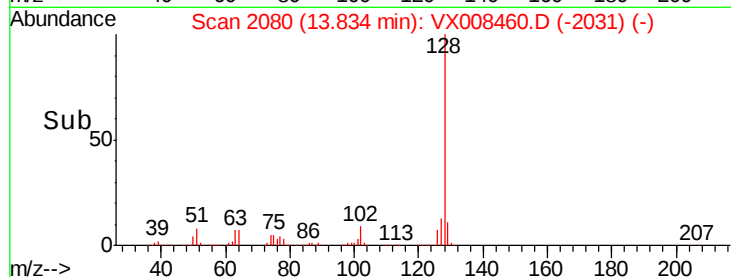
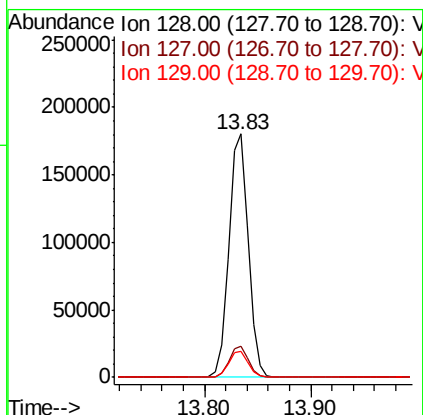
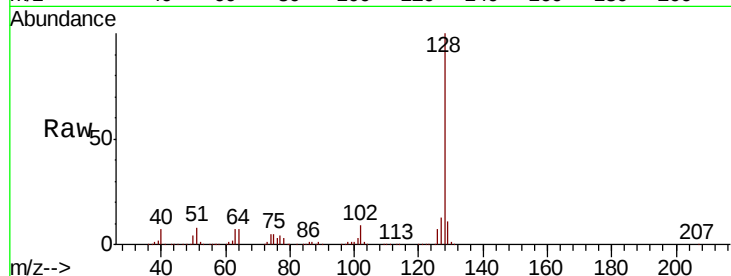




#95
Naphthalene
Concen: 19.584 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008460.D
Acq: 26 Mar 2019 17:35

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



#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

