

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042419\
 Data File : VX009143.D
 Acq On : 24 Apr 2019 14:24
 Operator : JC/SP
 Sample : K2535-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

Quant Time: Apr 25 05:21:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127112	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	5.50	113	95203	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.71	98	367153	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	131199	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112340	55.565	ug/l	99
3) Chloromethane	1.32	50	129149	52.032	ug/l	99
4) Vinyl Chloride	1.41	62	130884	54.178	ug/l	99
5) Bromomethane	1.64	94	72245	47.928	ug/l	99
6) Chloroethane	1.71	64	79360	55.864	ug/l	97
7) Trichlorofluoromethane	1.92	101	156177	55.370	ug/l	100
8) Diethyl Ether	2.19	74	70590	54.724	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98954	54.871	ug/l	99
10) Methyl Iodide	2.51	142	102487	51.802	ug/l	100
11) Tert butyl alcohol	3.06	59	152601	277.910	ug/l	98
12) 1,1-Dichloroethene	2.37	96	98979	52.582	ug/l	97
13) Acrolein	2.29	56	103499	218.147	ug/l	98
14) Allyl chloride	2.73	41	232614	56.642	ug/l	100
15) Acrylonitrile	3.15	53	398341	285.777	ug/l	100
16) Acetone	2.45	43	337775	263.307	ug/l	98
17) Carbon Disulfide	2.57	76	286431	51.738	ug/l	99
18) Methyl Acetate	2.78	43	177579	55.465	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	369992	55.164	ug/l	99
20) Methylene Chloride	2.85	84	113881	51.911	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	105621	52.606	ug/l	97
22) Diisopropyl ether	3.86	45	451817	56.618	ug/l	89
23) Vinyl Acetate	3.82	43	1982071	282.554	ug/l	99
24) 1,1-Dichloroethane	3.70	63	220330	55.002	ug/l	99
25) 2-Butanone	4.68	43	582364	284.011	ug/l	99
26) 2,2-Dichloropropane	4.58	77	156526	52.127	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122906	53.917	ug/l	98
28) Bromochloromethane	5.02	49	92257	55.665	ug/l	98
29) Tetrahydrofuran	5.13	42	393975	287.062	ug/l	99
30) Chloroform	5.21	83	200314	55.881	ug/l	99
31) Cyclohexane	5.58	56	219681	55.756	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	165641	55.752	ug/l	99
36) 1,1-Dichloropropene	5.80	75	154121	51.560	ug/l	99
37) Ethyl Acetate	4.84	43	213858	55.600	ug/l	100
38) Carbon Tetrachloride	5.78	117	137376	54.211	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203598	55.942	ug/l	98
40) Benzene	6.14	78	473063	53.646	ug/l	100
41) Methacrylonitrile	5.04	41	126500	57.303	ug/l	99
42) 1,2-Dichloroethane	6.20	62	169117	54.139	ug/l	99
43) Isopropyl Acetate	6.45	43	338939	54.681	ug/l	99
44) Trichloroethene	7.21	130	110047	50.933	ug/l	99
45) 1,2-Dichloropropane	7.51	63	135376	55.337	ug/l	100
46) Dibromomethane	7.66	93	76777	53.926	ug/l	99
47) Bromodichloromethane	7.90	83	154177	55.211	ug/l	99
48) Methyl methacrylate	7.77	41	172881	56.447	ug/l	99
49) 1,4-Dioxane	7.74	88	55731	972.203	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1123232	284.443	ug/l	99
52) Toluene	8.79	92	277521	52.512	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	177322	55.176	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	195793	54.409	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	114930	54.870	ug/l	98
56) Ethyl methacrylate	9.18	69	206059	54.865	ug/l	98
57) 1,3-Dichloropropane	9.37	76	203834	54.656	ug/l	99
59) 2-Hexanone	9.49	43	857814	281.758	ug/l	99
60) Dibromochloromethane	9.58	129	112984	56.282	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116744	54.004	ug/l	99
64) Tetrachloroethene	9.34	164	94153	48.978	ug/l	99
65) Chlorobenzene	10.13	112	281420	52.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	104187	55.371	ug/l	100
67) Ethyl Benzene	10.25	91	523702	53.637	ug/l	99
68) m/p-Xylenes	10.36	106	381680	107.563	ug/l	99
69) o-Xylene	10.70	106	184866	53.543	ug/l	99
70) Styrene	10.71	104	323256	54.027	ug/l	99
71) Bromoform	10.85	173	83416	55.646	ug/l #	99
73) Isopropylbenzene	11.02	105	496498	53.455	ug/l	100
74) N-amyl acetate	10.90	43	287979	53.999	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	185339	54.613	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	218907	73.162	ug/l	79
77) Bromobenzene	11.26	156	119671	51.066	ug/l	99
78) n-propylbenzene	11.36	91	575677	54.000	ug/l	100
79) 2-Chlorotoluene	11.42	91	338132	52.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	416518	53.440	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62460	53.592	ug/l	97
82) 4-Chlorotoluene	11.51	91	391000	52.407	ug/l	100
83) tert-Butylbenzene	11.77	119	401283	53.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	418511	52.750	ug/l	99
85) sec-Butylbenzene	11.94	105	479169	53.689	ug/l	100
86) p-Isopropyltoluene	12.06	119	437287	53.293	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	210781	51.390	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	211077	50.767	ug/l	99
89) n-Butylbenzene	12.38	91	405683	53.088	ug/l	100
90) Hexachloroethane	12.60	117	74104	54.750	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	209946	51.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41839	54.147	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	151767	51.910	ug/l	100

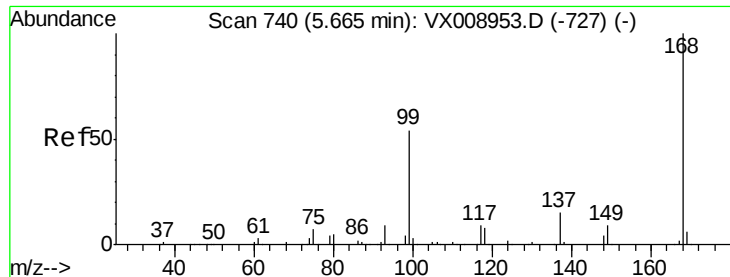
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	77141	52.902	ug/l	99
95) Naphthalene	13.83	128	502611	53.658	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	150926	52.319	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

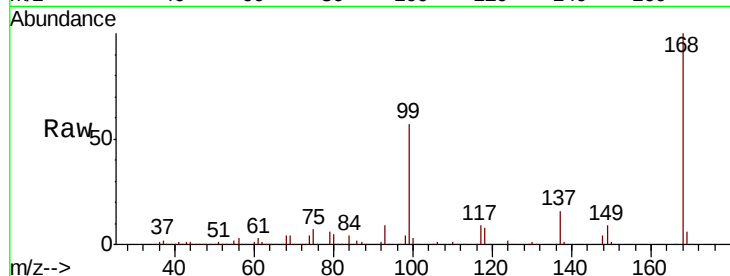
S37-0016MS

Tgt Ion:168 Resp: 175531

Ion Ratio Lower Upper

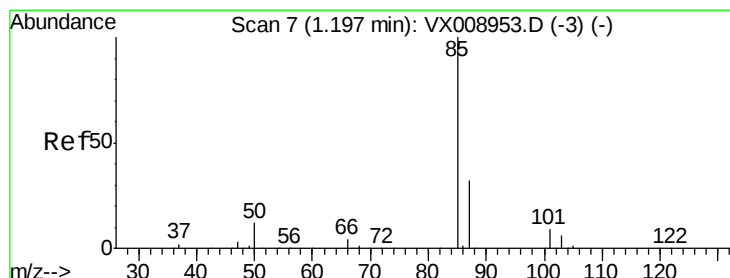
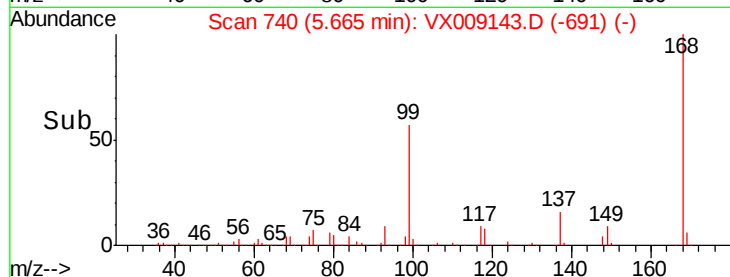
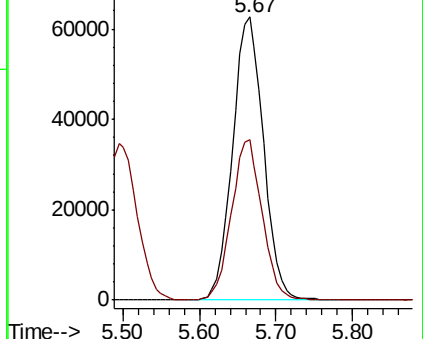
168 100

99 56.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.565 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009143.D

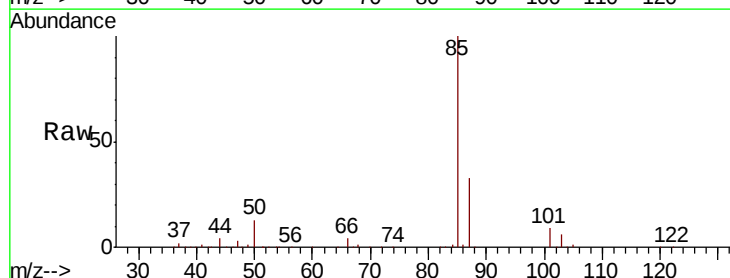
Acq: 24 Apr 2019 14:24

Tgt Ion: 85 Resp: 112340

Ion Ratio Lower Upper

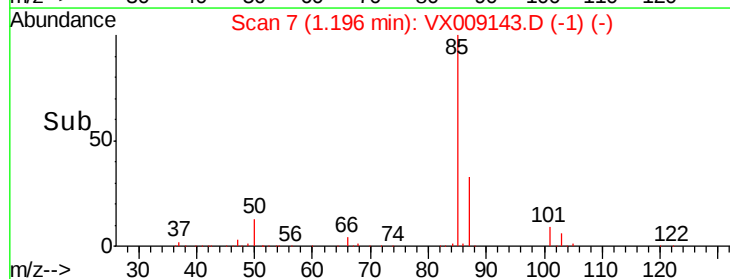
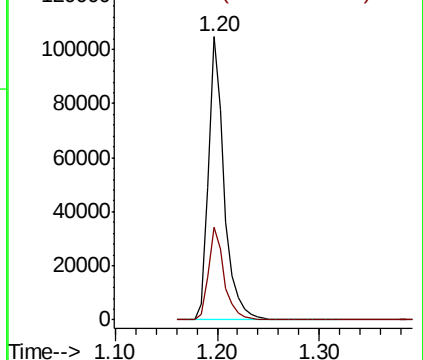
85 100

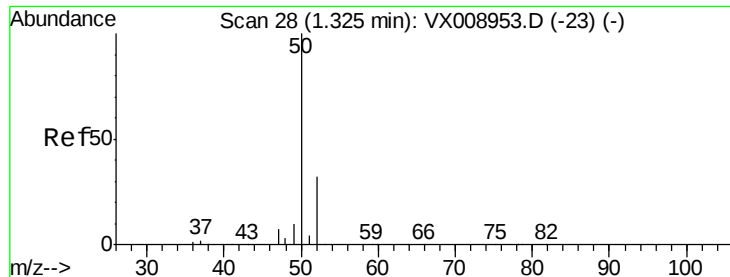
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

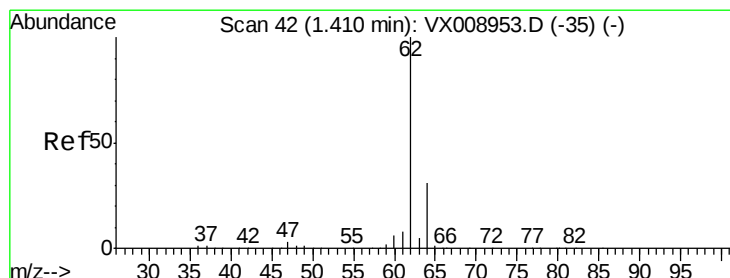
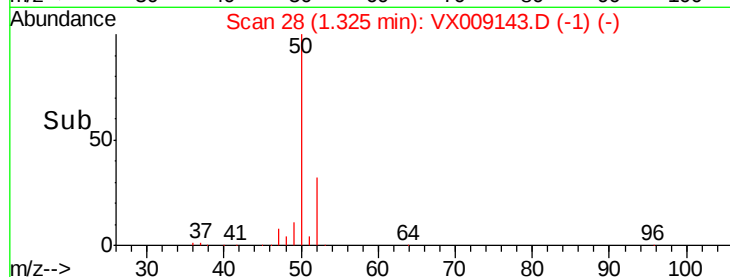
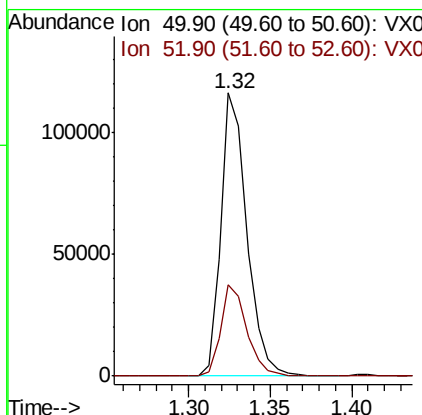
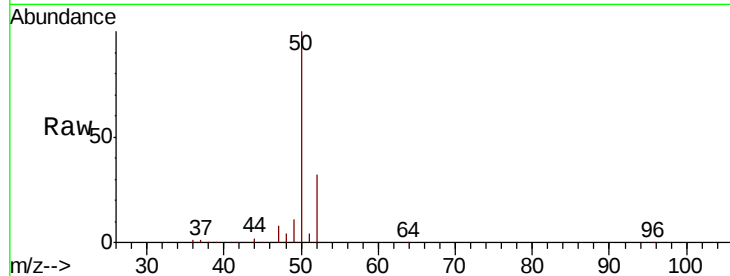




#3
Chloromethane
Concen: 52.032 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

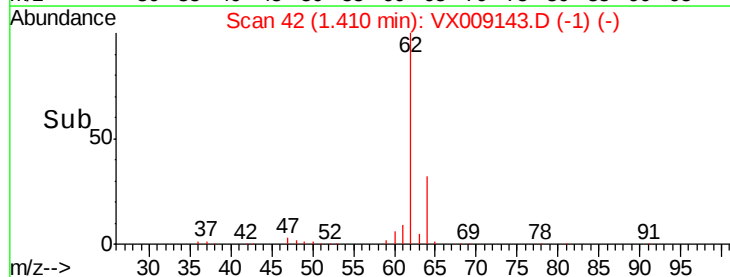
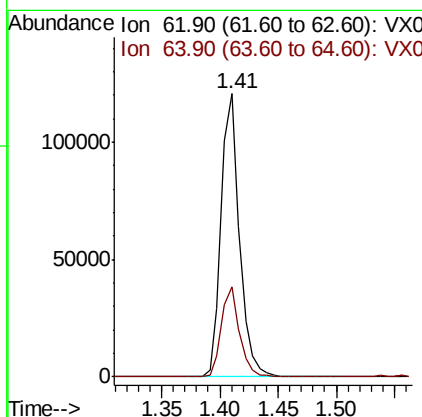
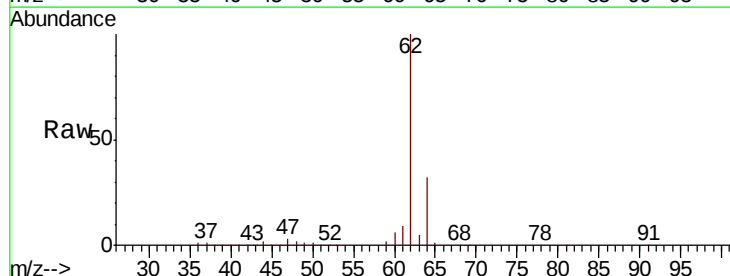
Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

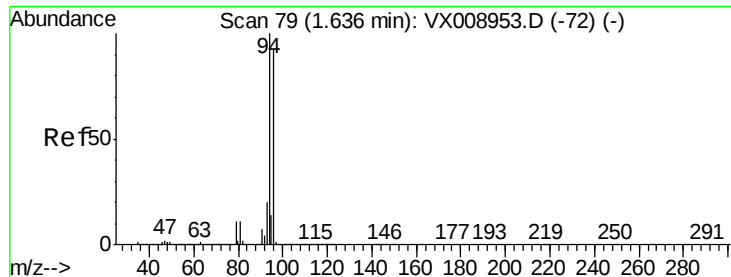
Tgt Ion: 50 Resp: 129149
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 54.178 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion: 62 Resp: 130884
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.4





#5

Bromomethane

Concen: 47.928 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

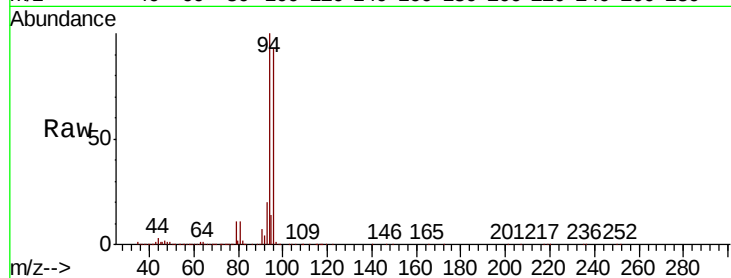
S37-0016MS

Tgt Ion: 94 Resp: 72245

Ion Ratio Lower Upper

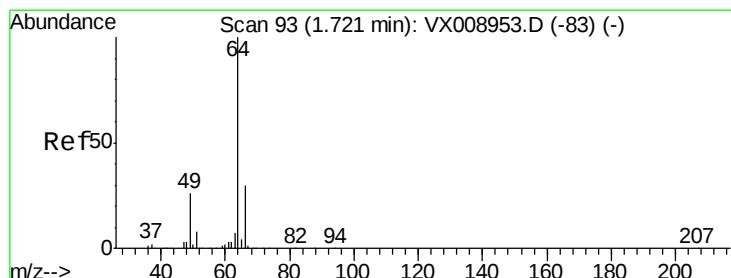
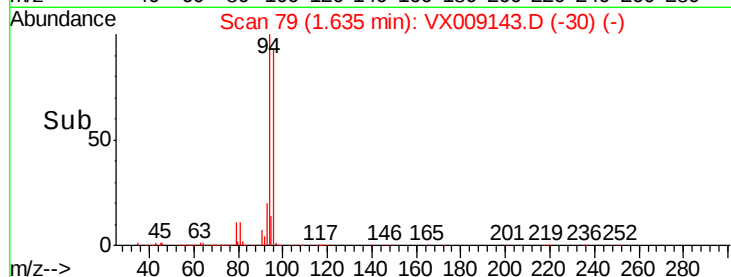
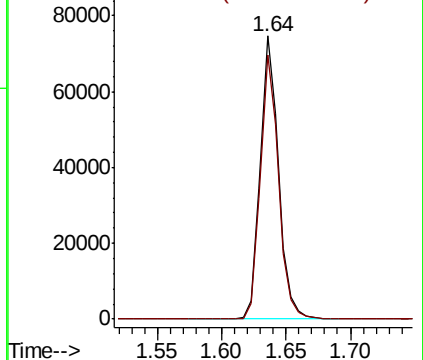
94 100

96 93.1 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.864 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009143.D

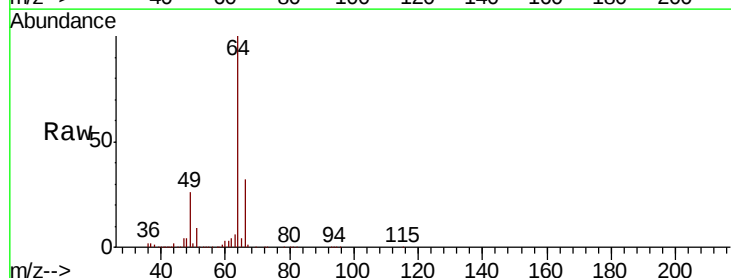
Acq: 24 Apr 2019 14:24

Tgt Ion: 64 Resp: 79360

Ion Ratio Lower Upper

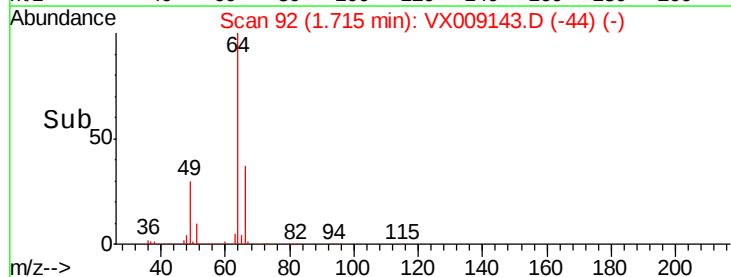
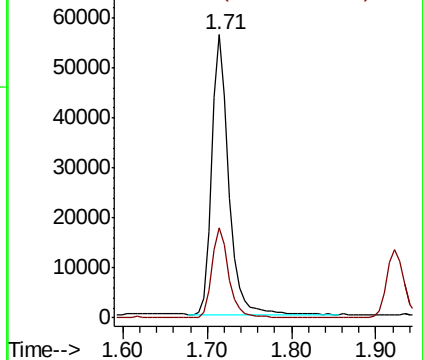
64 100

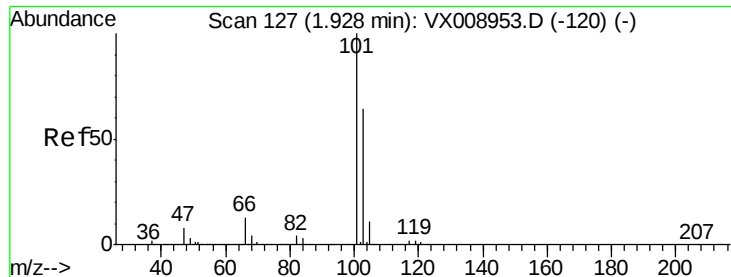
66 32.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



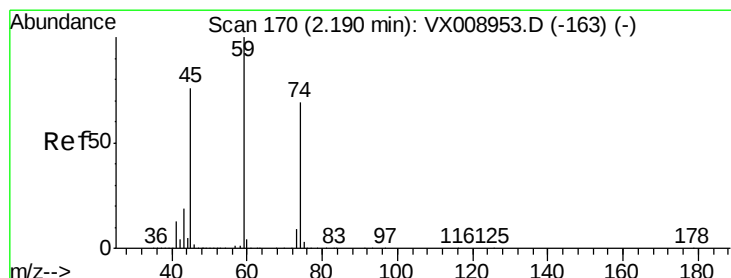
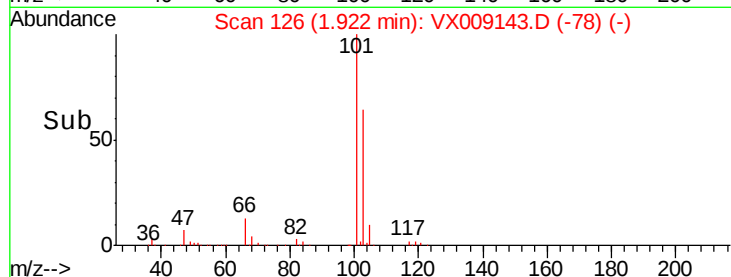
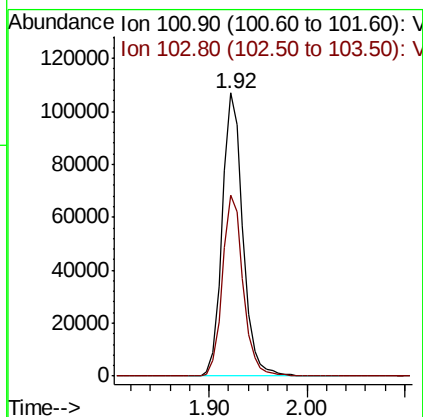
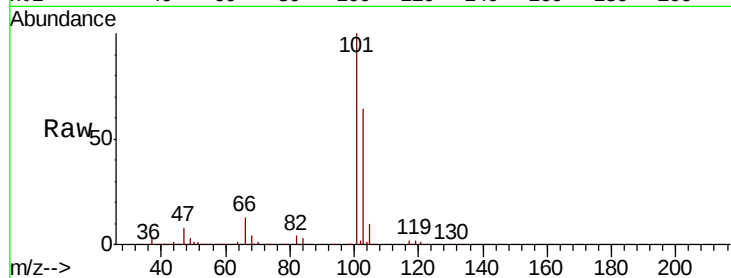


#7

Trichlorofluoromethane
 Concen: 55.370 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

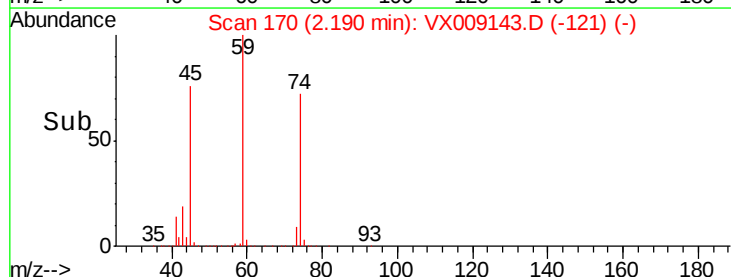
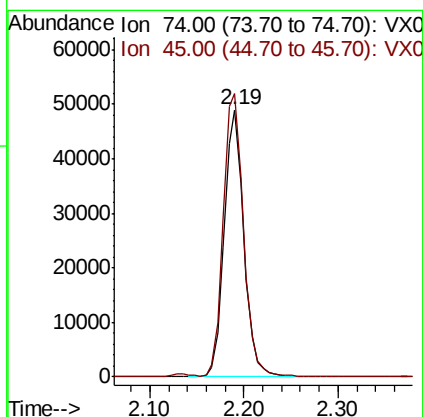
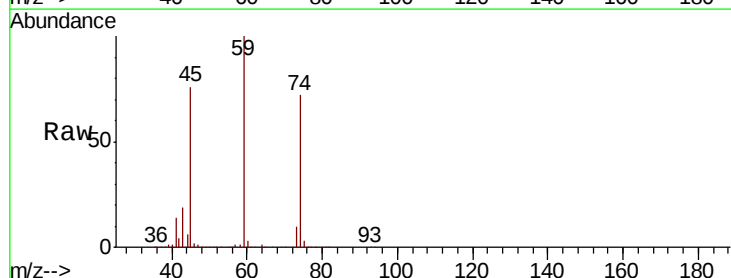
Tgt Ion:101 Resp: 156177
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.6

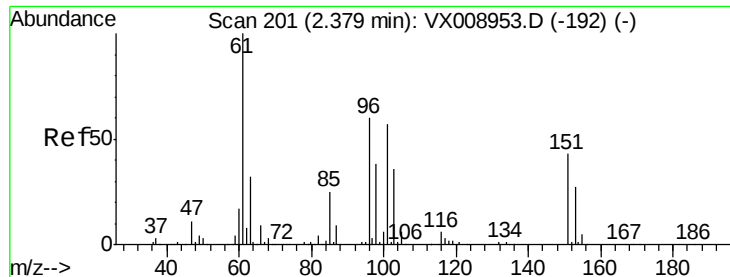


#8

Diethyl Ether
 Concen: 54.724 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 74 Resp: 70590
 Ion Ratio Lower Upper
 74 100
 45 109.0 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.871 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

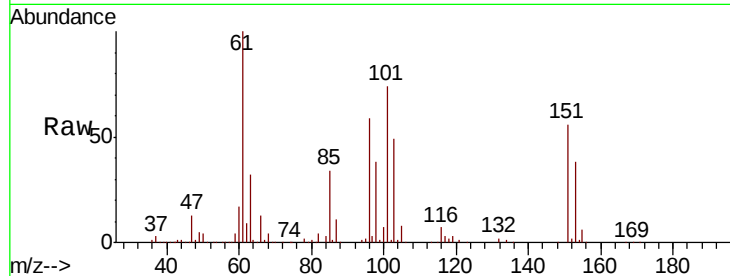
Tgt Ion:101 Resp: 98954

Ion Ratio Lower Upper

101 100

85 44.3 35.7 53.5

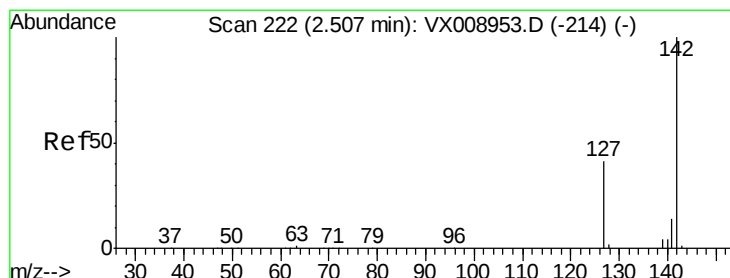
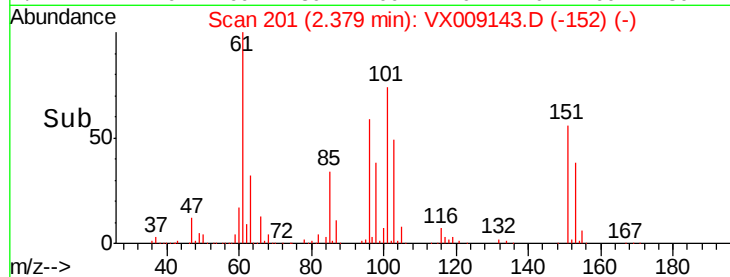
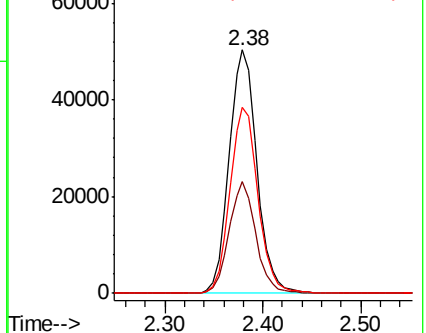
151 77.0 62.7 94.1



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: 51.802 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

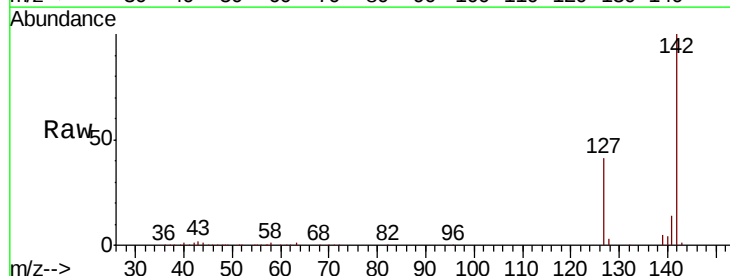
Tgt Ion:142 Resp: 102487

Ion Ratio Lower Upper

142 100

127 40.9 32.8 49.2

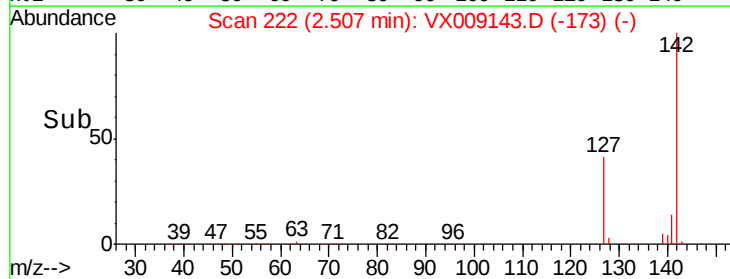
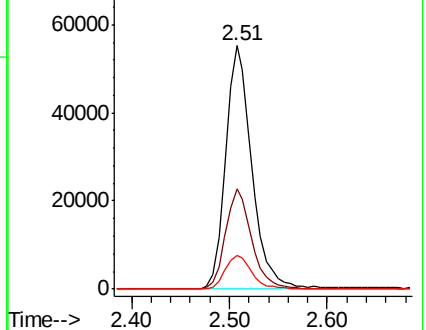
141 14.3 11.4 17.2

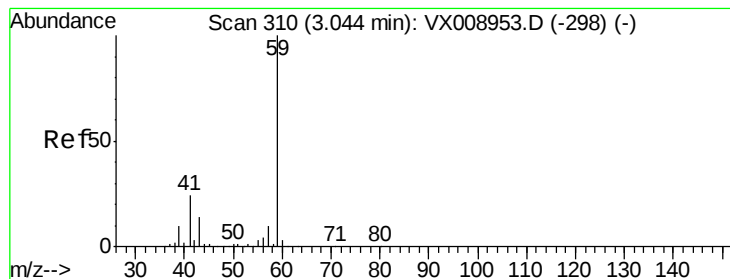


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



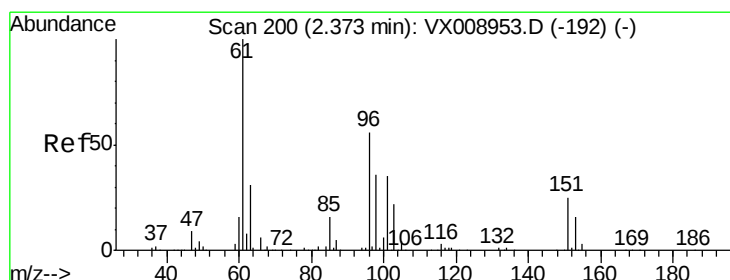
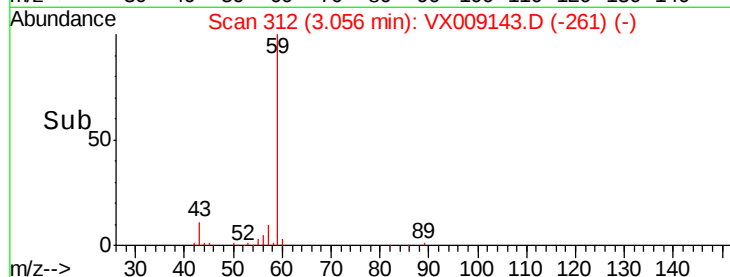
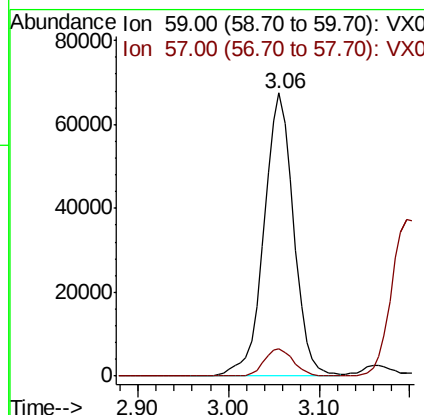
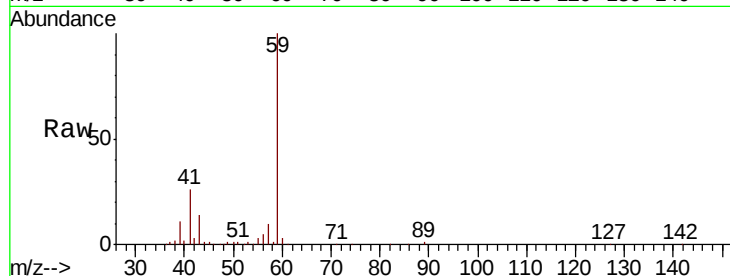


#11

Tert butyl alcohol
 Concen: 277.910 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

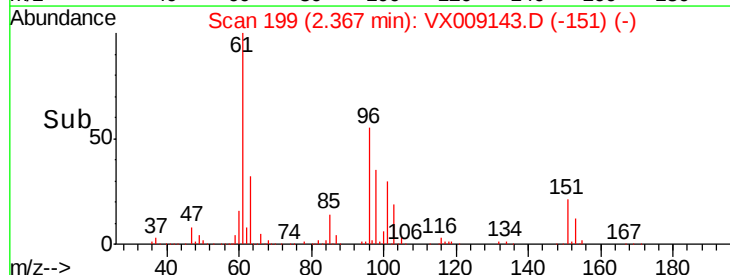
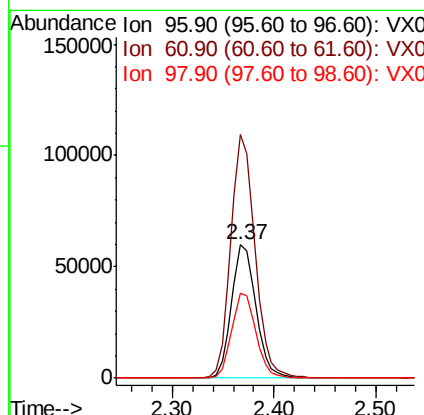
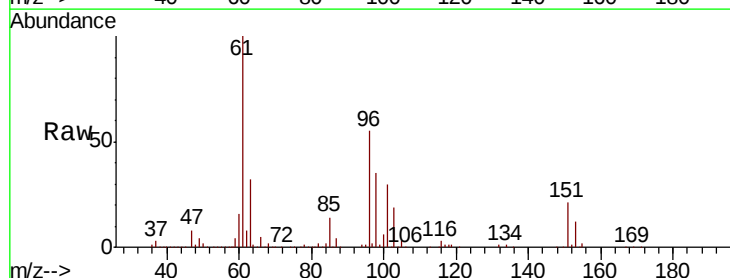
Tgt Ion: 59 Resp: 152601
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.4 12.6

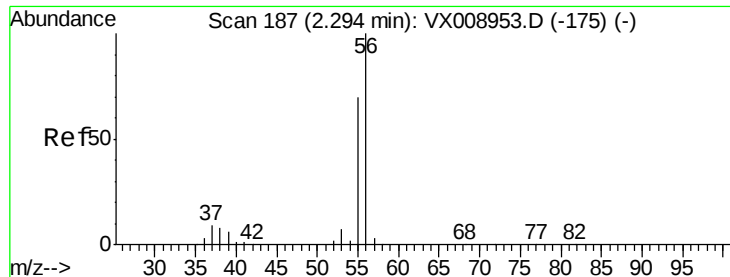


#12

1,1-Dichloroethene
 Concen: 52.582 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 96 Resp: 98979
 Ion Ratio Lower Upper
 96 100
 61 183.2 142.2 213.2
 98 64.0 50.9 76.3





#13

Acrolein

Concen: 218.147 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

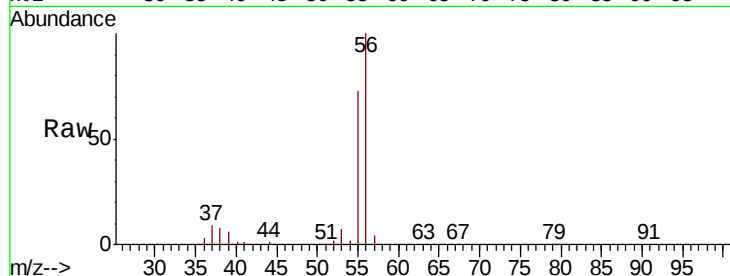
S37-0016MS

Tgt Ion: 56 Resp: 103499

Ion Ratio Lower Upper

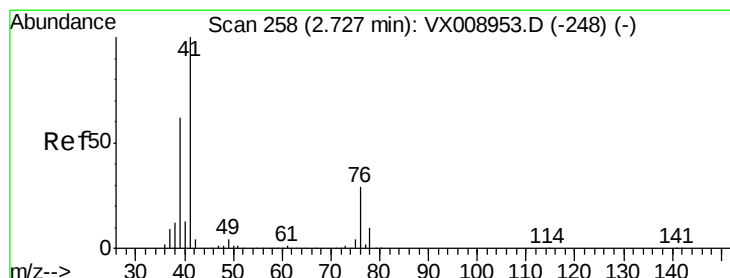
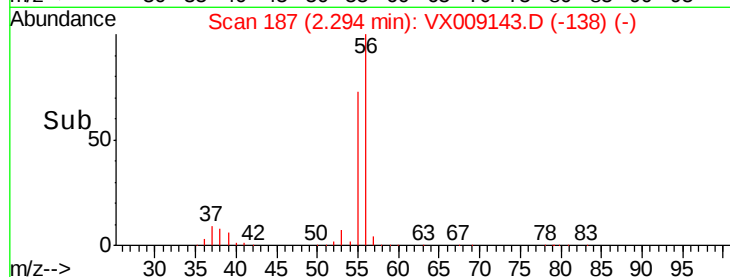
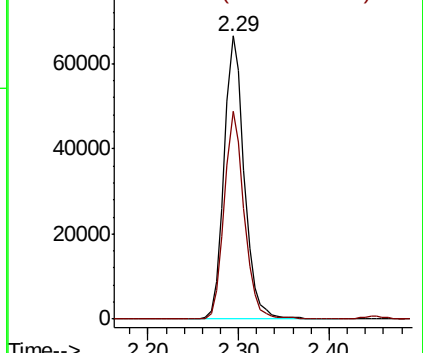
56 100

55 72.2 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 56.642 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

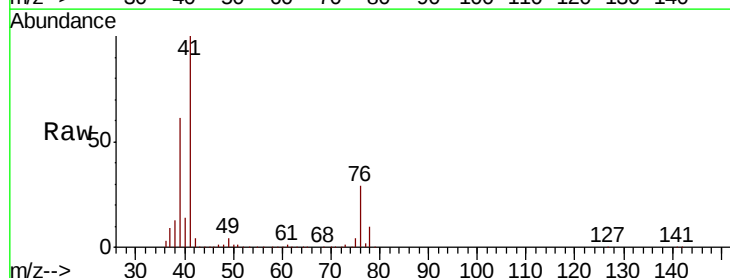
Tgt Ion: 41 Resp: 232614

Ion Ratio Lower Upper

41 100

39 58.3 46.7 70.1

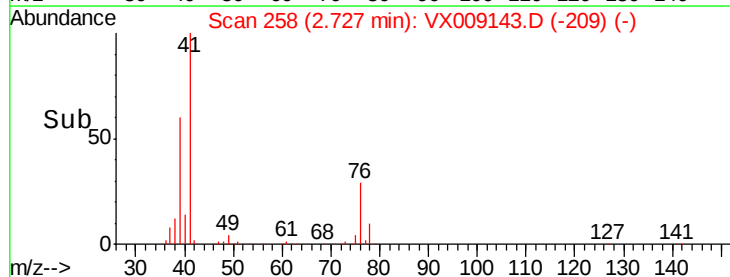
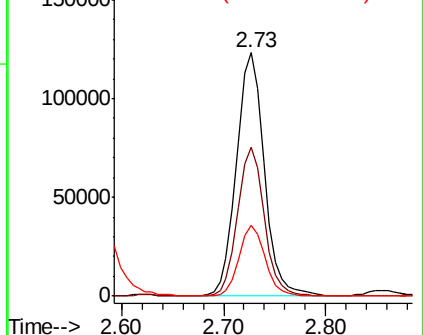
76 27.2 22.0 33.0

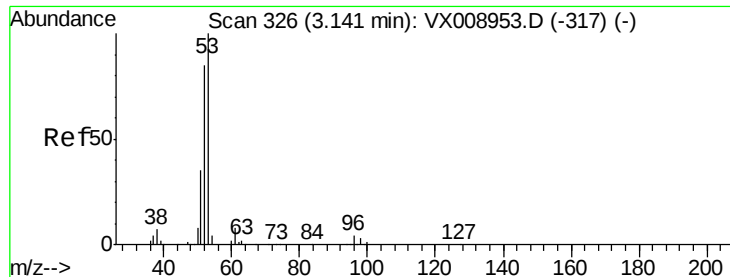


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 285.777 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

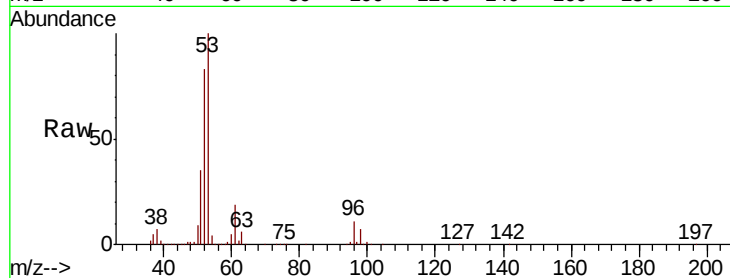
Tgt Ion: 53 Resp: 398341

Ion Ratio Lower Upper

53 100

52 83.5 66.6 100.0

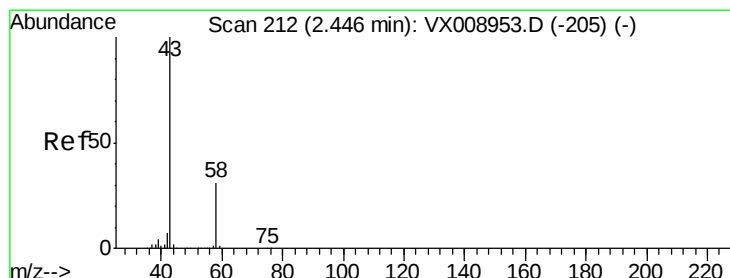
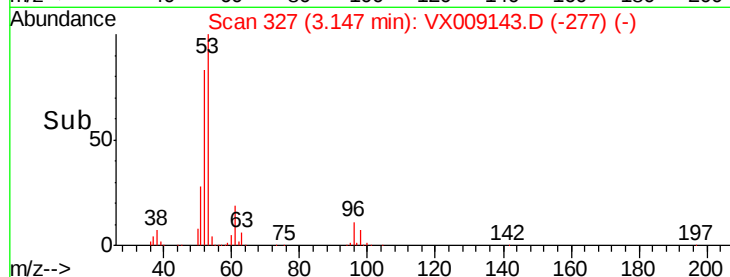
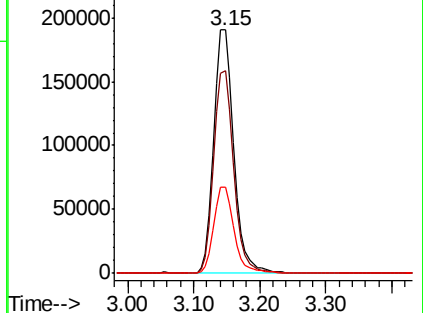
51 35.7 28.3 42.5



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: 263.307 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009143.D

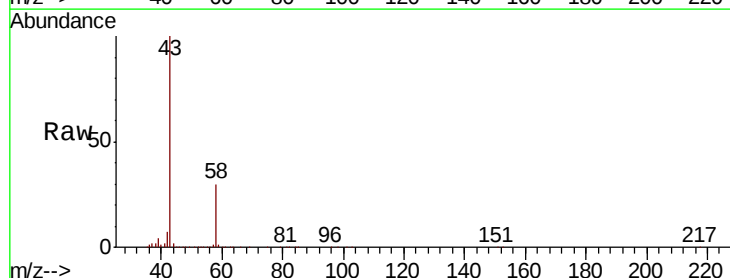
Acq: 24 Apr 2019 14:24

Tgt Ion: 43 Resp: 337775

Ion Ratio Lower Upper

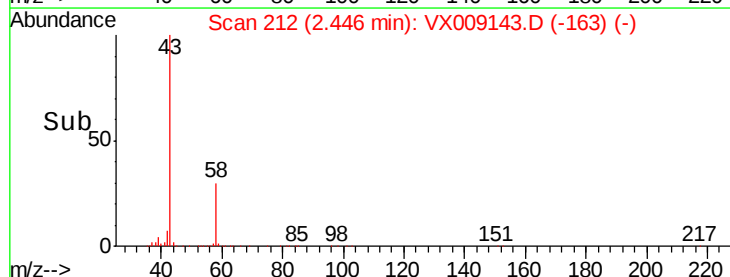
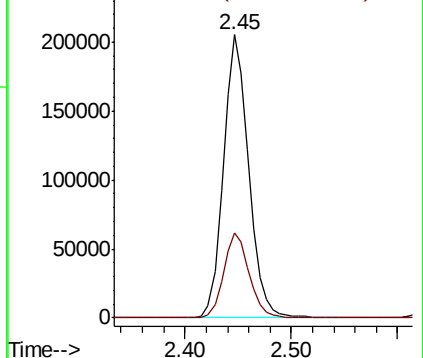
43 100

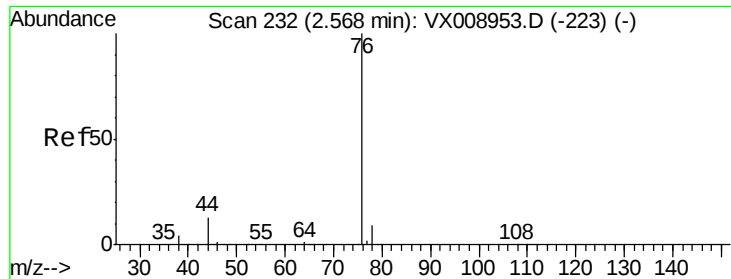
58 29.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

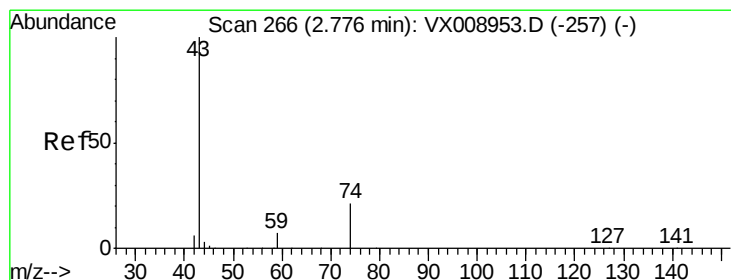
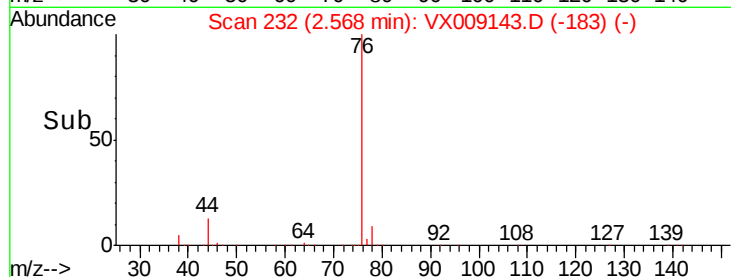
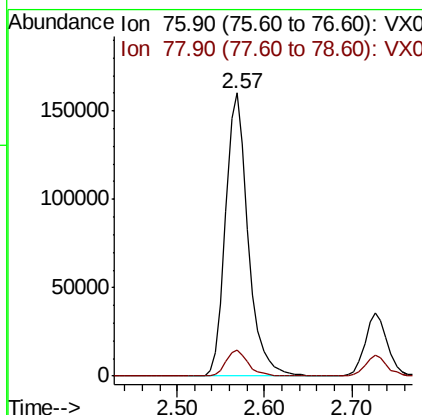
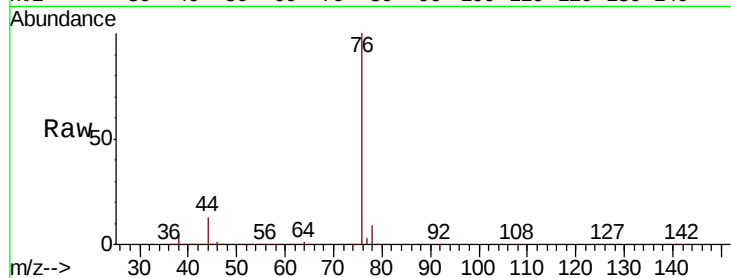




#17
Carbon Disulfide
Concen: 51.738 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

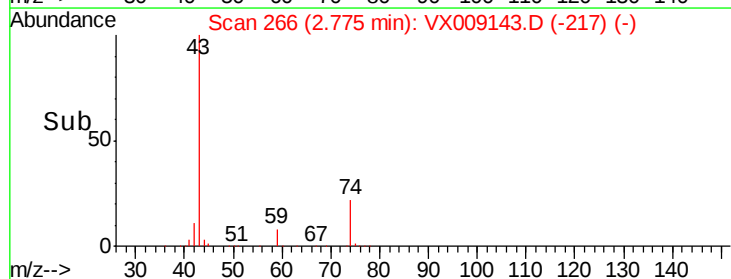
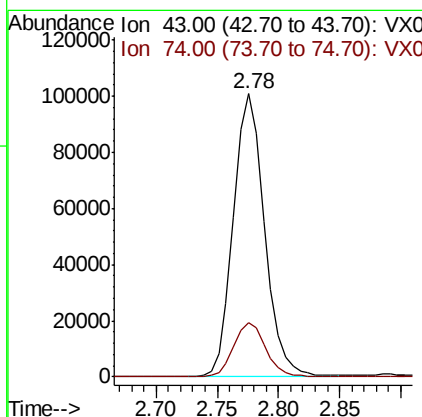
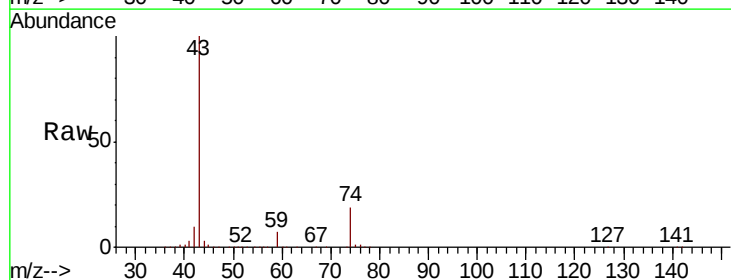
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

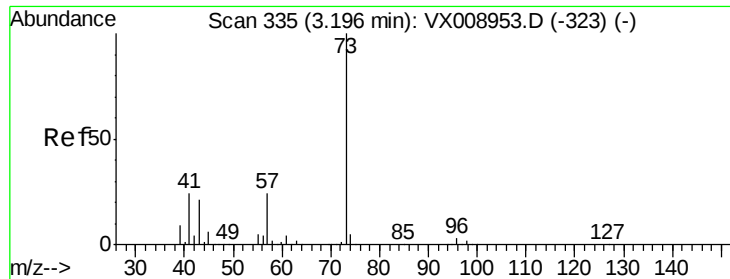
Tgt Ion: 76 Resp: 286431
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 55.465 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion: 43 Resp: 177579
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0



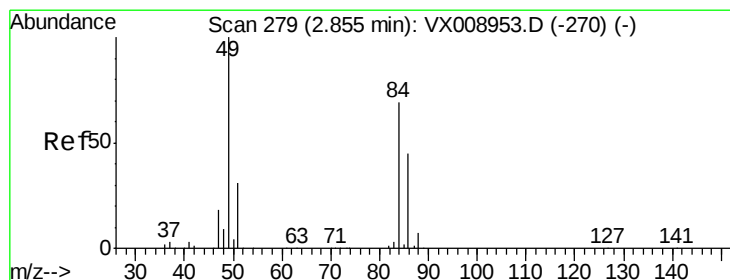
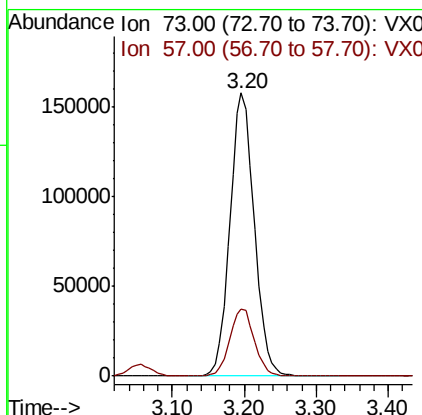
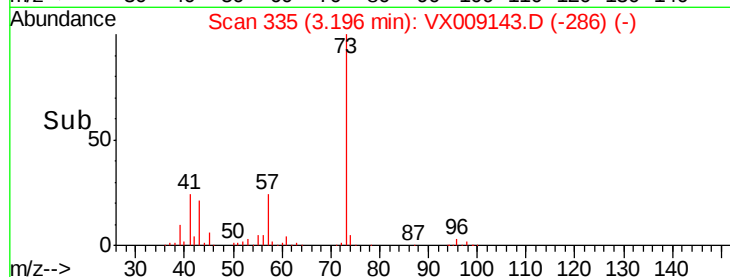
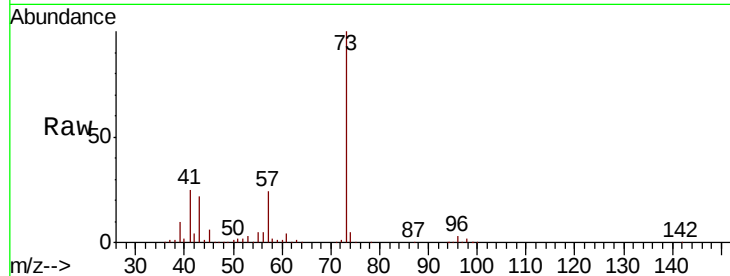


#19

Methyl tert-butyl Ether
 Concen: 55.164 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

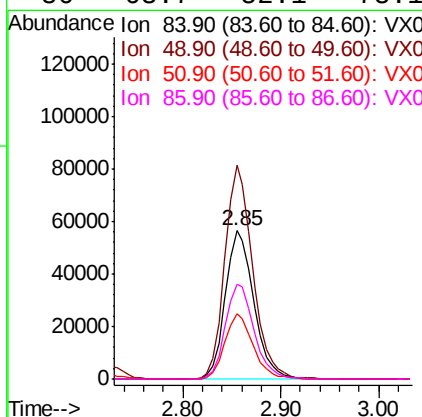
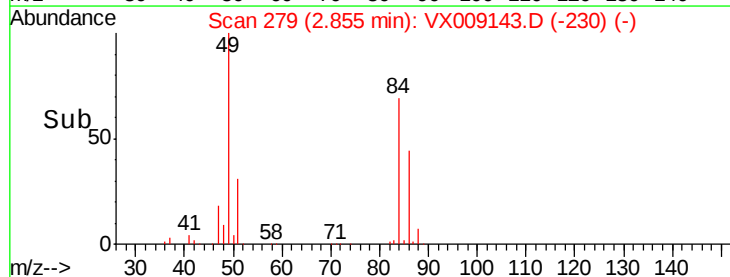
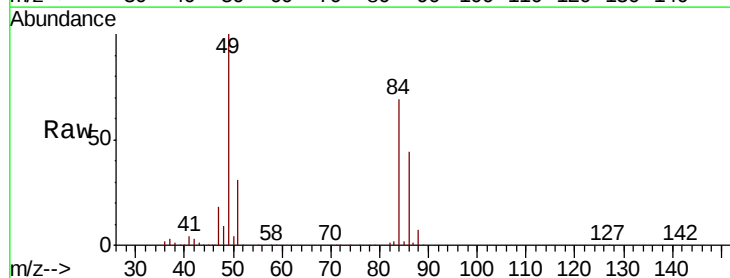
Tgt Ion: 73 Resp: 369992
 Ion Ratio Lower Upper
 73 100
 57 23.7 19.2 28.8

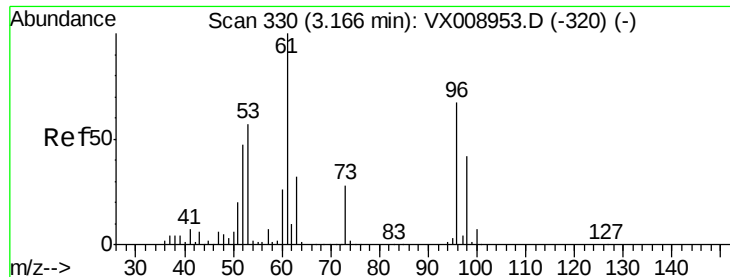


#20

Methylene Chloride
 Concen: 51.911 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 84 Resp: 113881
 Ion Ratio Lower Upper
 84 100
 49 144.1 115.4 173.0
 51 44.1 35.8 53.6
 86 63.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 52.606 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

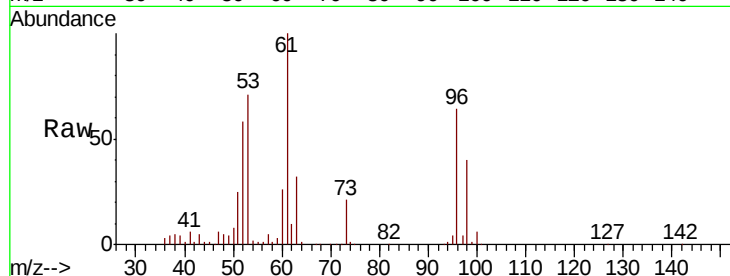
Tgt Ion: 96 Resp: 105621

Ion Ratio Lower Upper

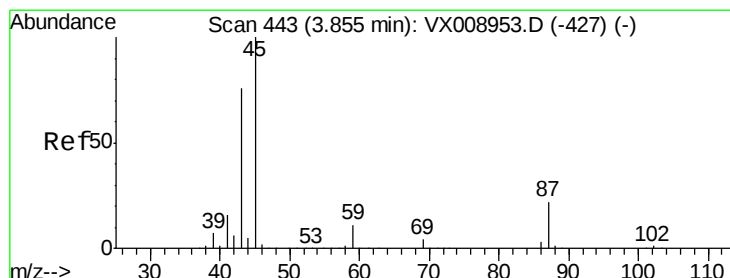
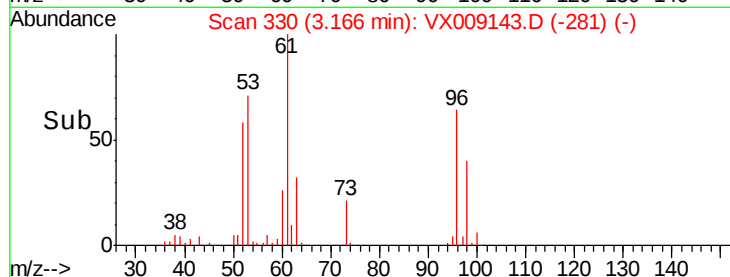
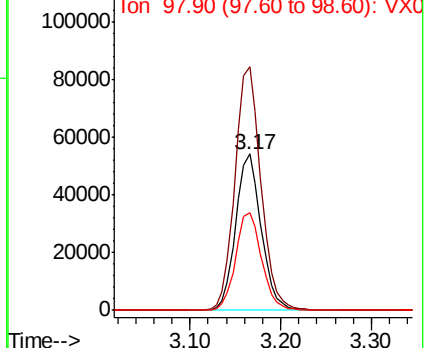
96 100

61 155.8 120.3 180.5

98 62.9 50.2 75.2



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: 56.618 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Tgt Ion: 45 Resp: 451817

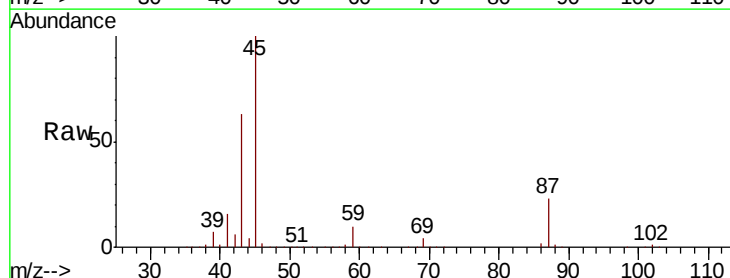
Ion Ratio Lower Upper

45 100

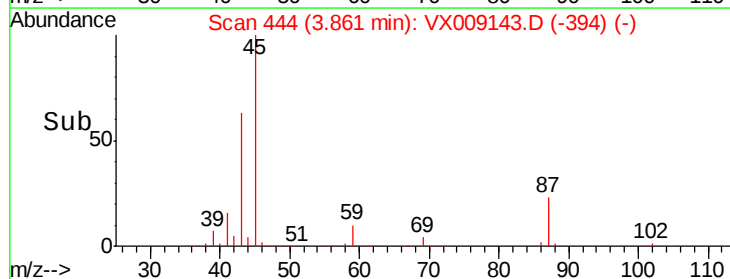
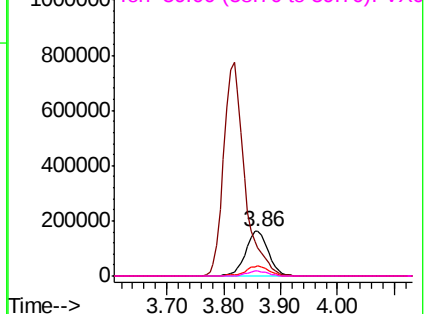
43 62.9 60.6 91.0

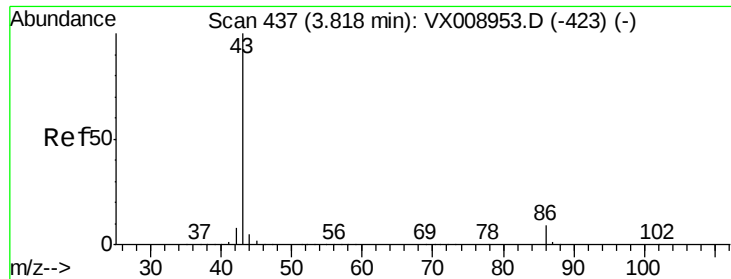
87 22.9 17.8 26.8

59 10.2 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

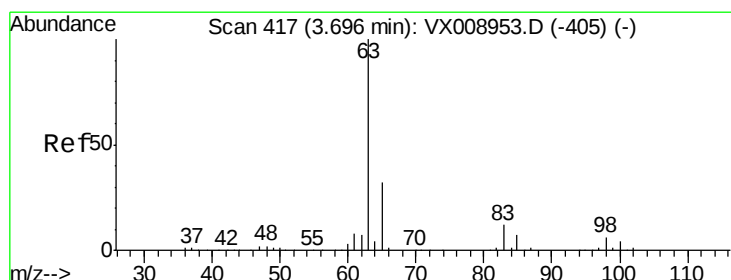
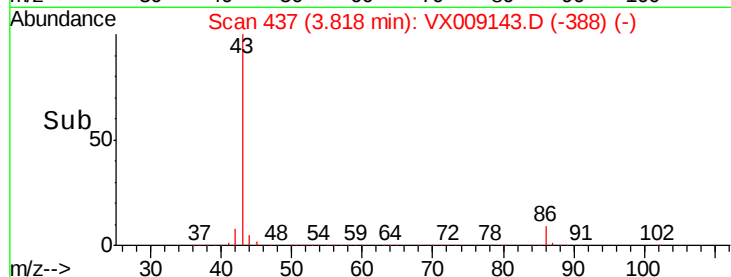
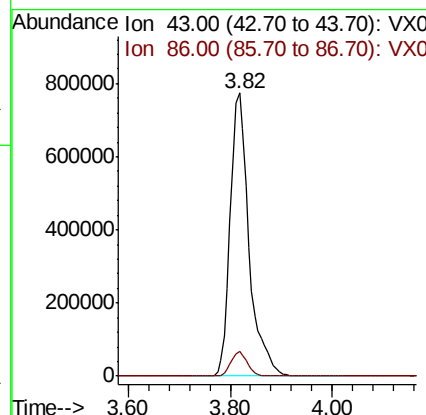
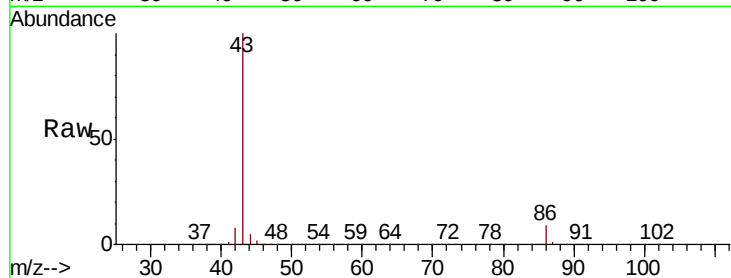




#23
 Vinyl Acetate
 Concen: 282.554 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

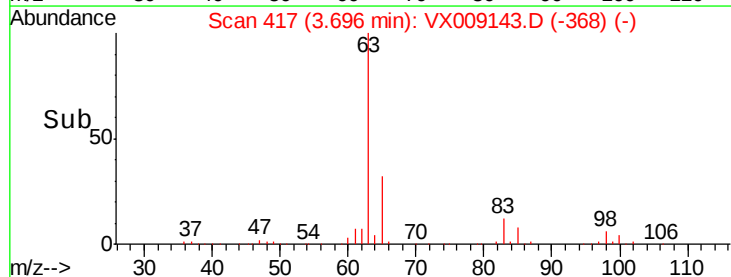
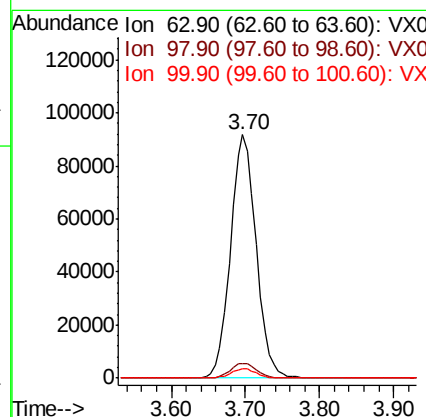
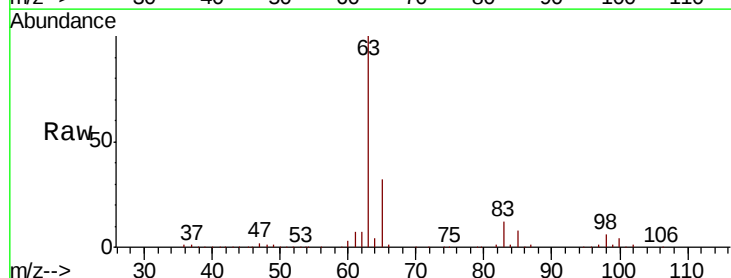
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

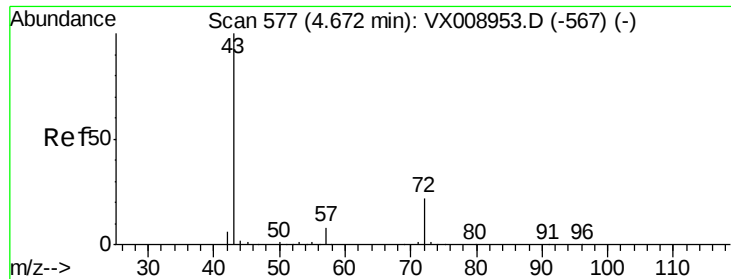
Tgt Ion: 43 Resp: 1982071
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 55.002 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 63 Resp: 220330
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.3
 100 3.6 1.9 5.7





#25

2-Butanone

Concen: 284.011 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

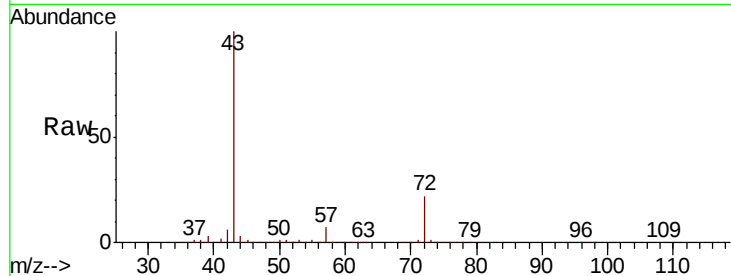
S37-0016MS

Tgt Ion: 43 Resp: 582364

Ion Ratio Lower Upper

43 100

72 22.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

200000

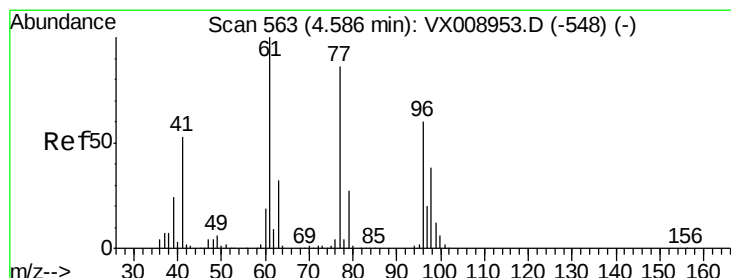
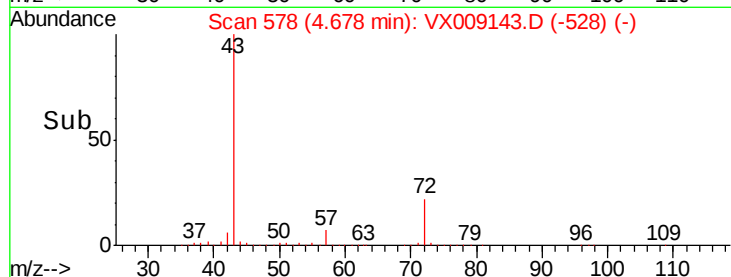
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 52.127 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009143.D

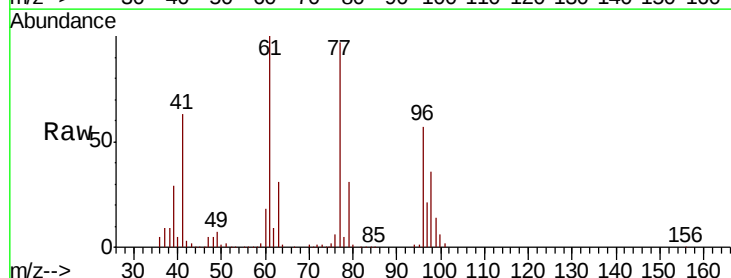
Acq: 24 Apr 2019 14:24

Tgt Ion: 77 Resp: 156526

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

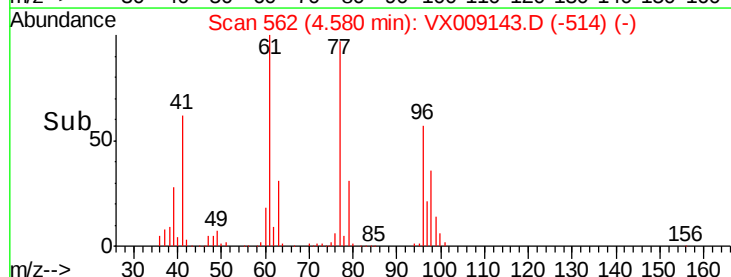
30000

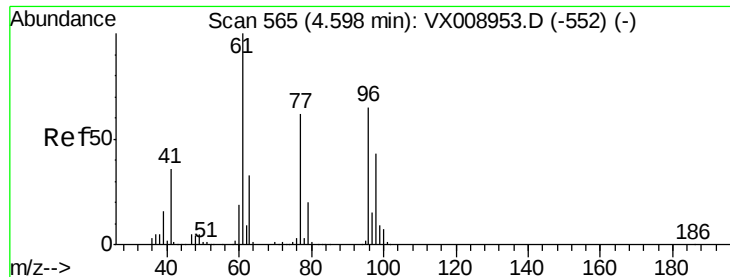
20000

10000

0

Time-->



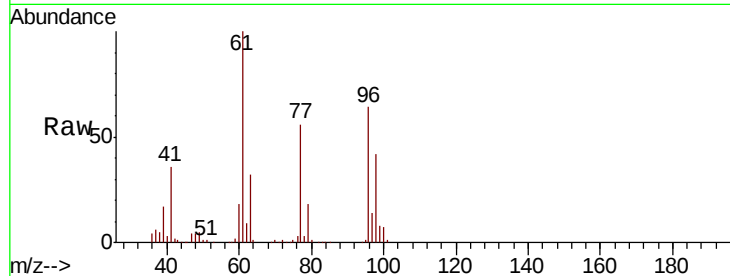


#27

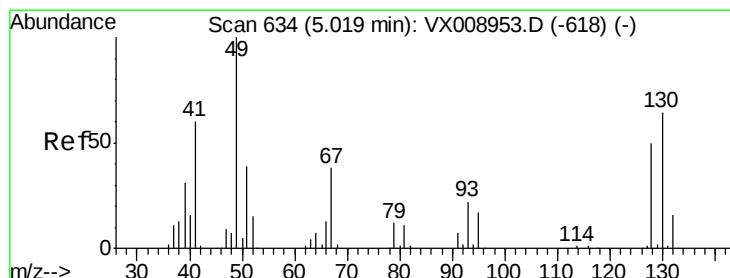
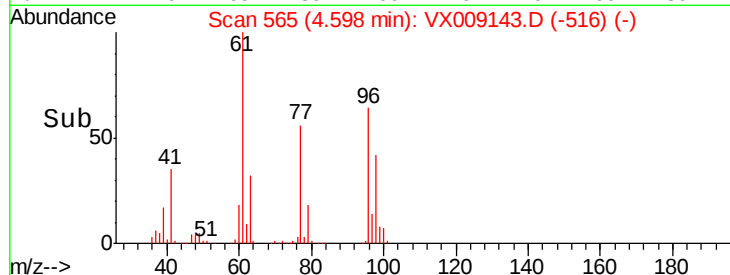
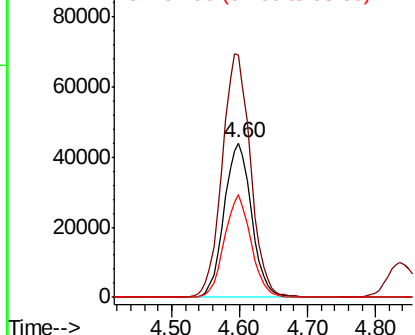
cis-1,2-Dichloroethene
Concen: 53.917 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

Tgt Ion: 96 Resp: 122906
Ion Ratio Lower Upper
96 100
61 163.7 0.0 322.0
98 65.0 0.0 128.4



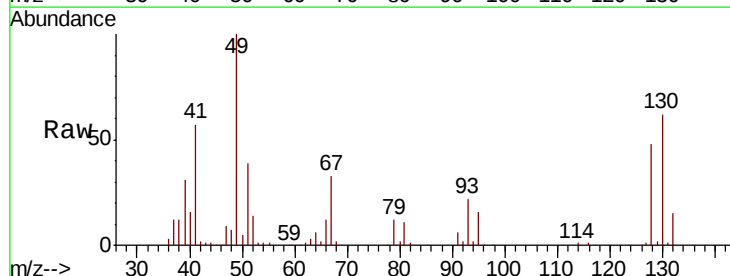
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



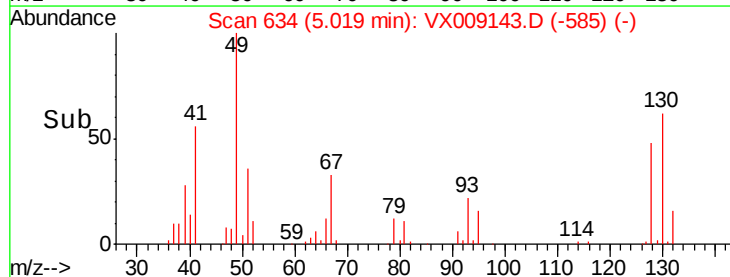
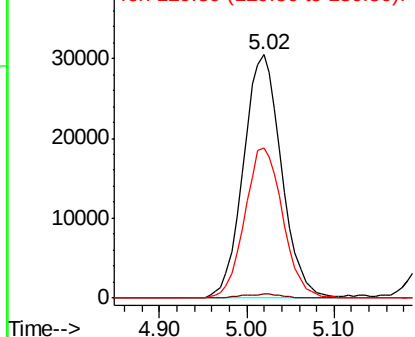
#28

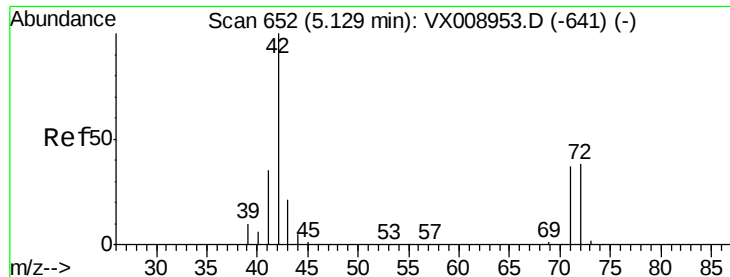
Bromochloromethane
Concen: 55.665 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion: 49 Resp: 92257
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 61.6 50.4 75.6



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: 287.062 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampled :

S37-0016MS

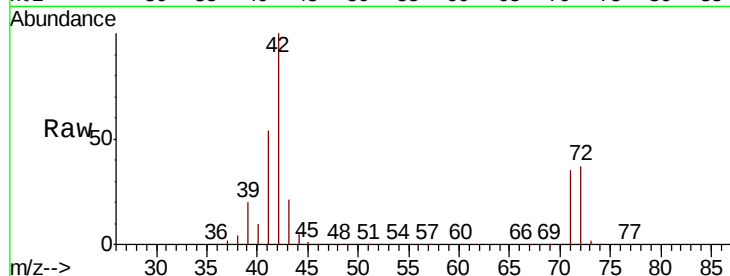
Tgt Ion: 42 Resp: 393975

Ion Ratio Lower Upper

42 100

72 37.3 30.6 45.8

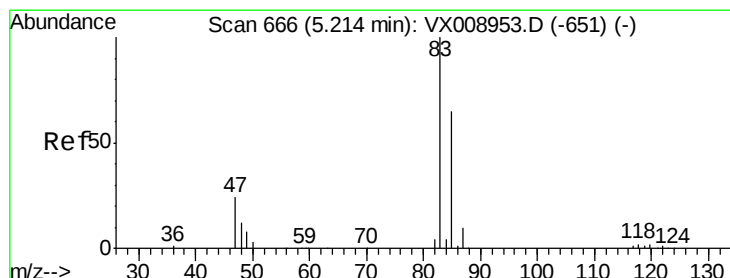
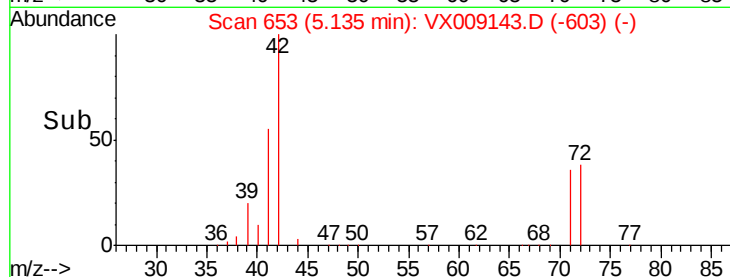
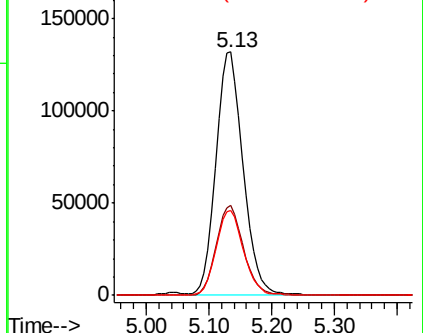
71 35.4 28.8 43.2



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: 55.881 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009143.D

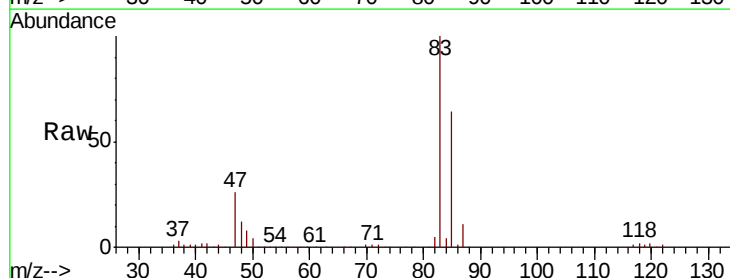
Acq: 24 Apr 2019 14:24

Tgt Ion: 83 Resp: 200314

Ion Ratio Lower Upper

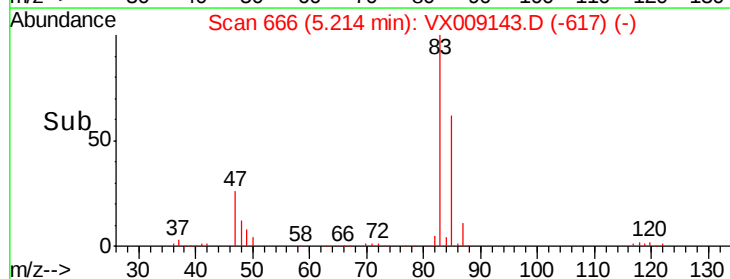
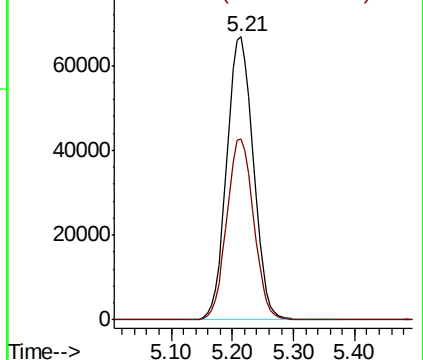
83 100

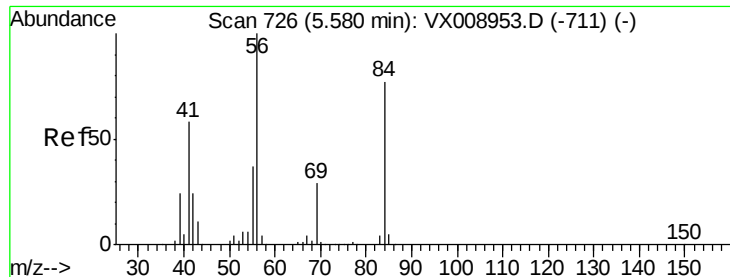
85 64.0 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.756 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

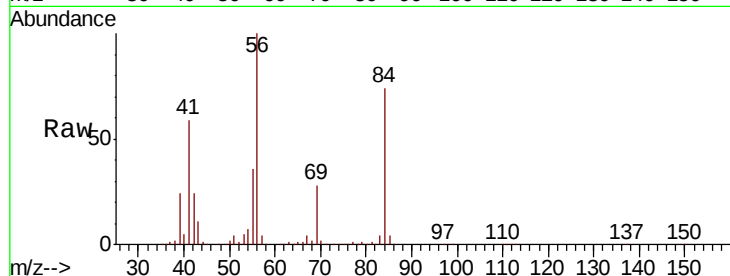
Tgt Ion: 56 Resp: 219681

Ion Ratio Lower Upper

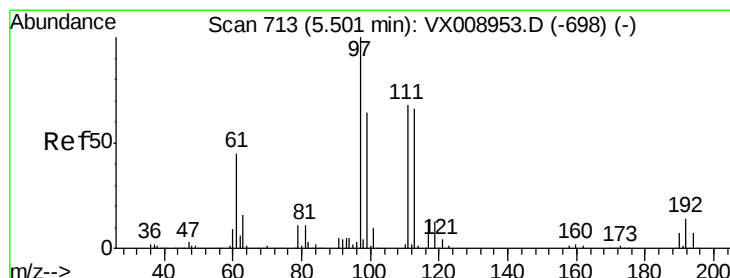
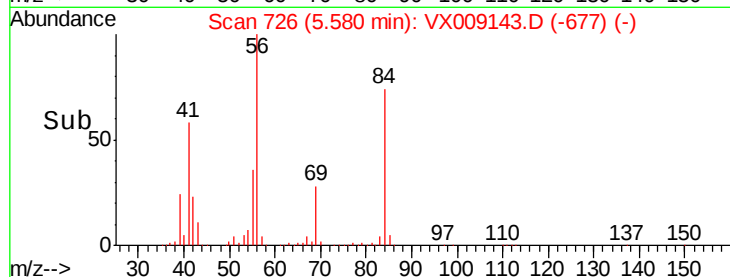
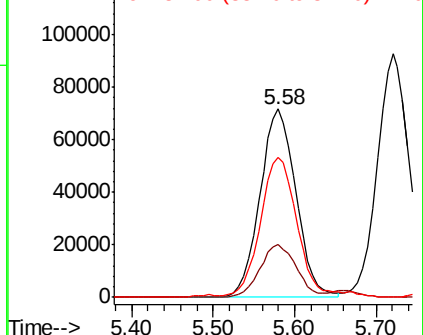
56 100

69 28.4 23.3 34.9

84 73.9 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.752 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

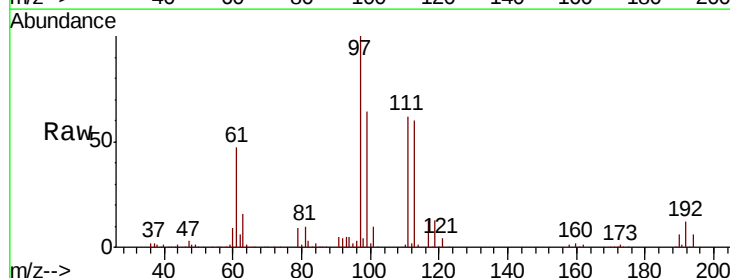
Tgt Ion: 97 Resp: 165641

Ion Ratio Lower Upper

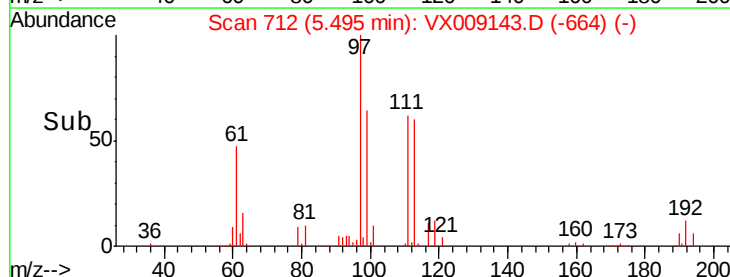
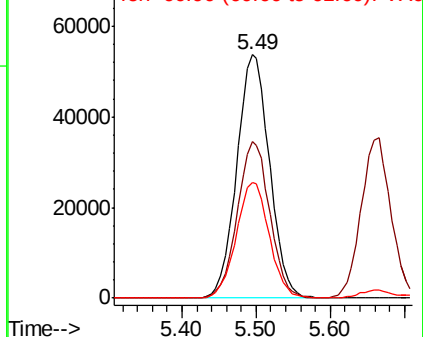
97 100

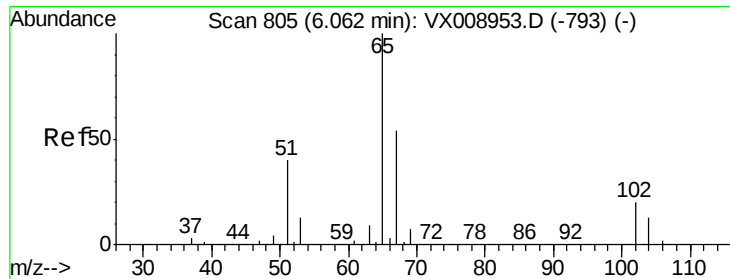
99 63.6 51.6 77.4

61 48.1 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.385 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

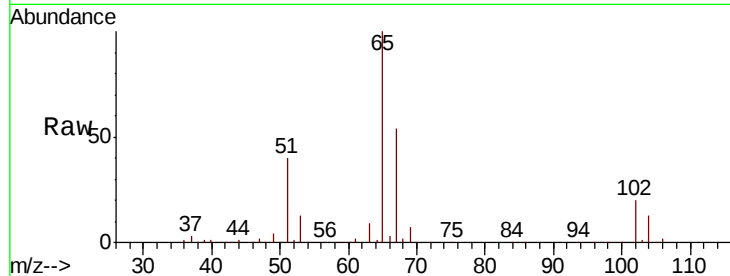
S37-0016MS

Tgt Ion: 65 Resp: 127112

Ion Ratio Lower Upper

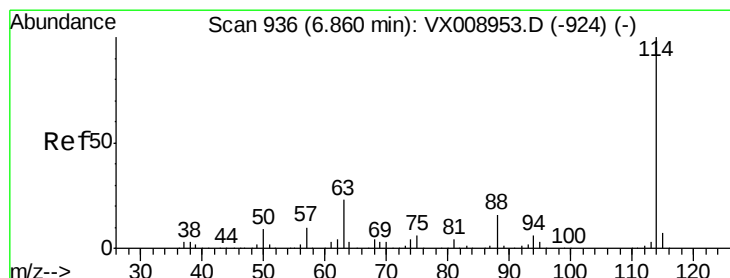
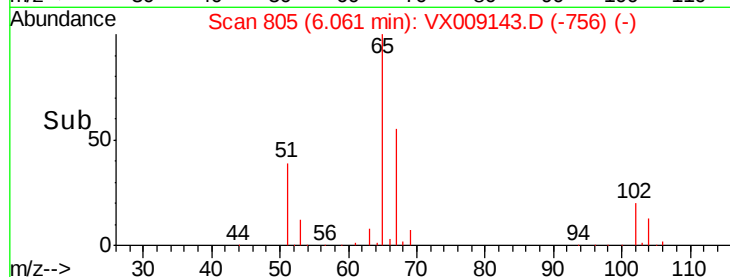
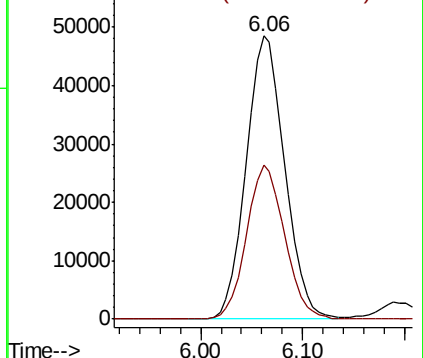
65 100

67 54.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

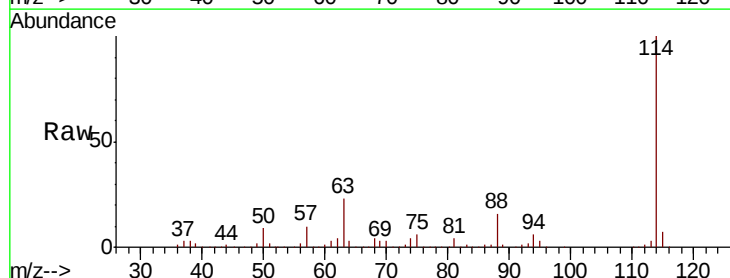
Tgt Ion: 114 Resp: 289027

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.0

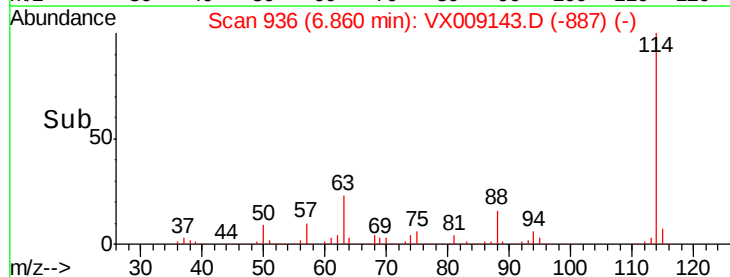
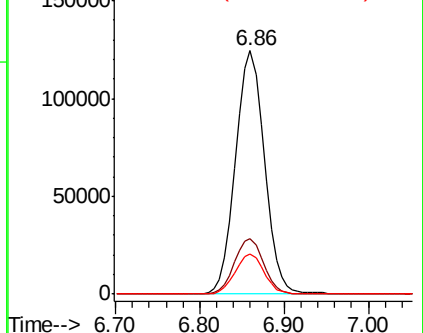
88 16.3 0.0 32.6

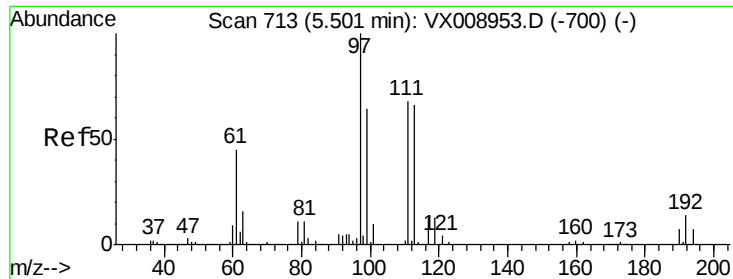


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

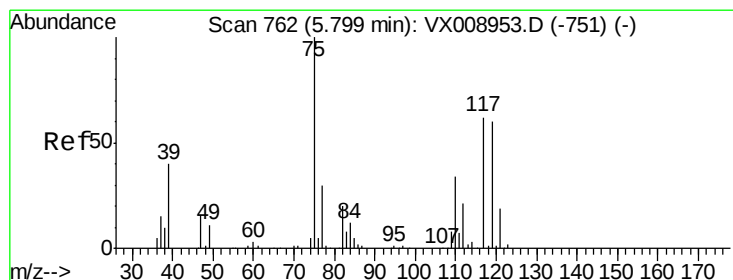
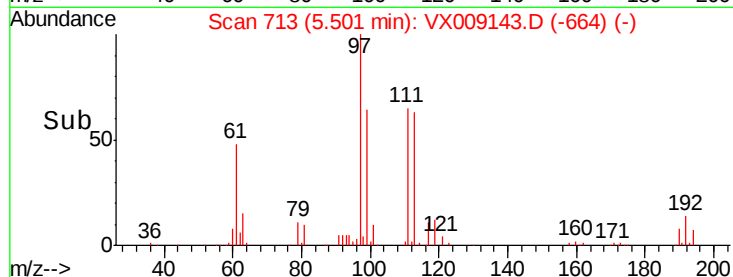
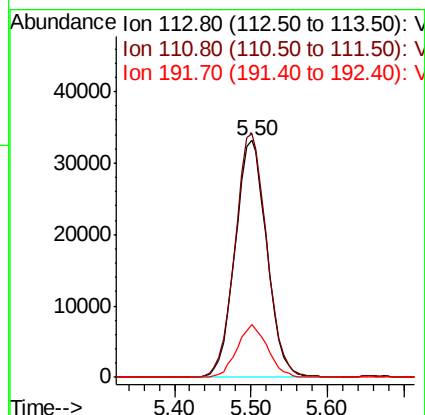
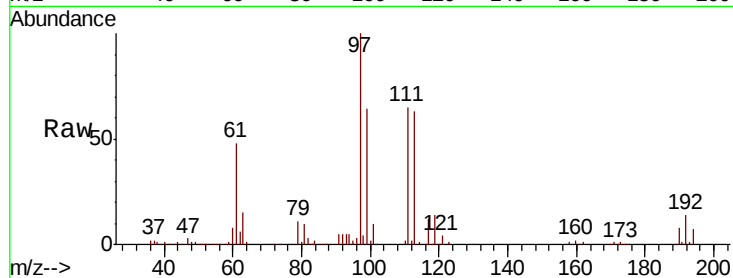




#35
 Dibromofluoromethane
 Concen: 51.325 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

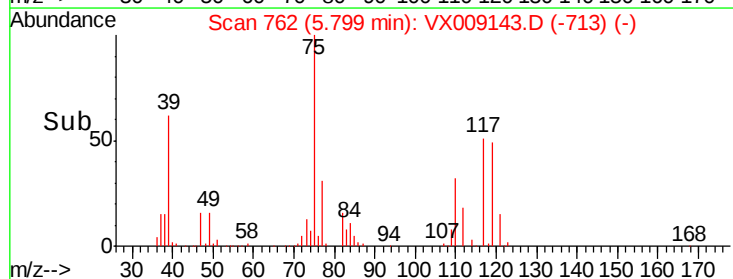
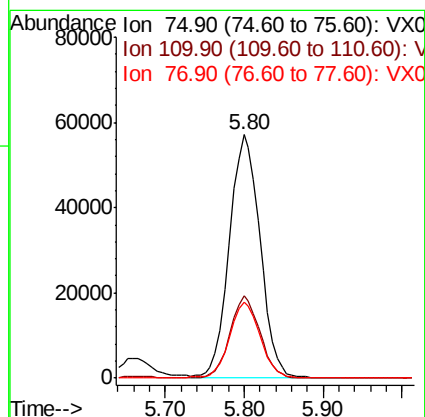
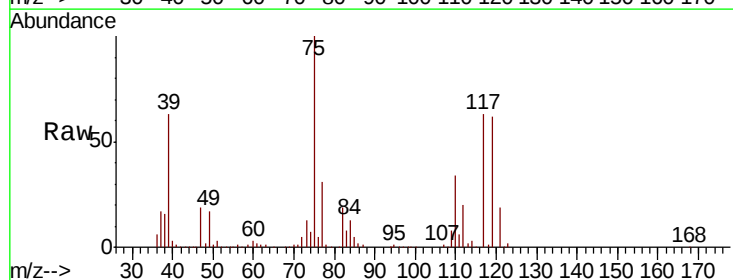
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

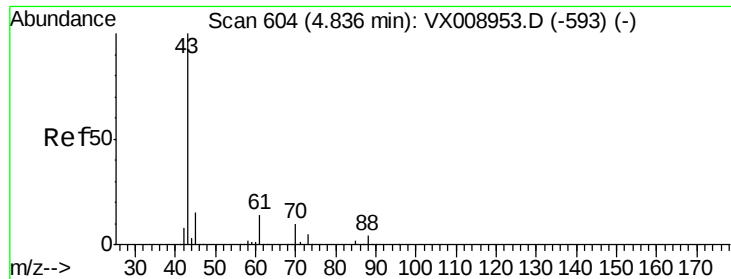
Tgt Ion:113 Resp: 95203
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 21.3 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 51.560 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 75 Resp: 154121
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.9 50.7
 77 31.5 25.0 37.4

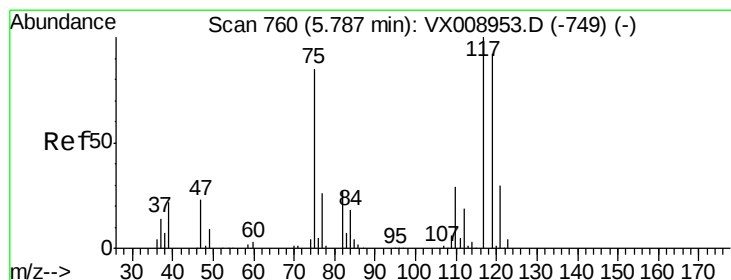
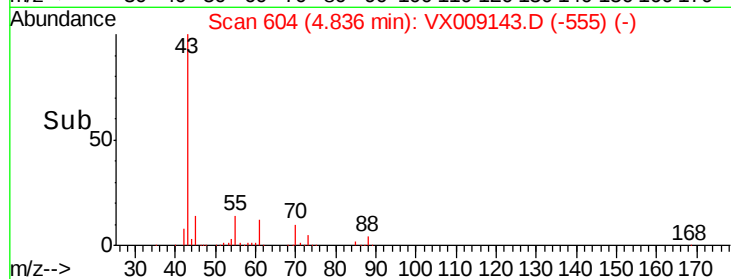
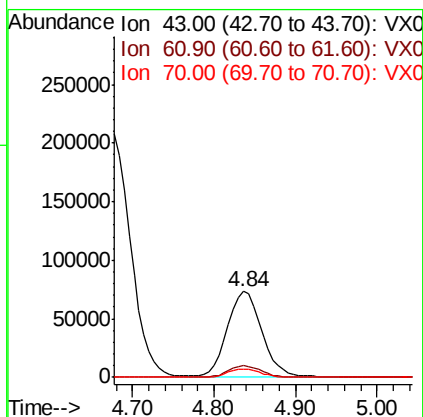
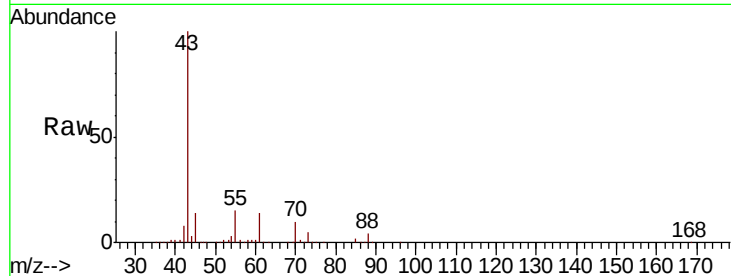




#37
Ethyl Acetate
Concen: 55.600 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

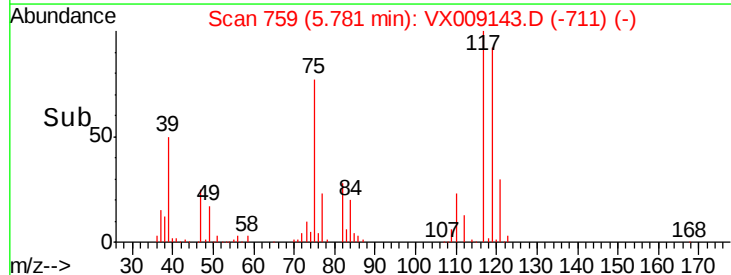
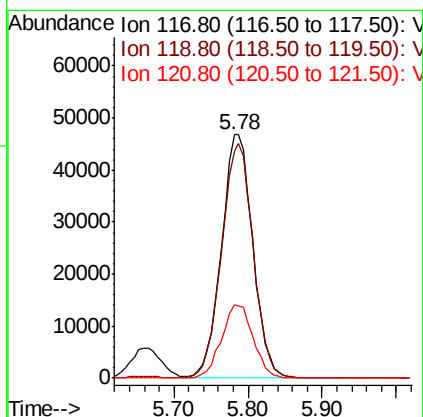
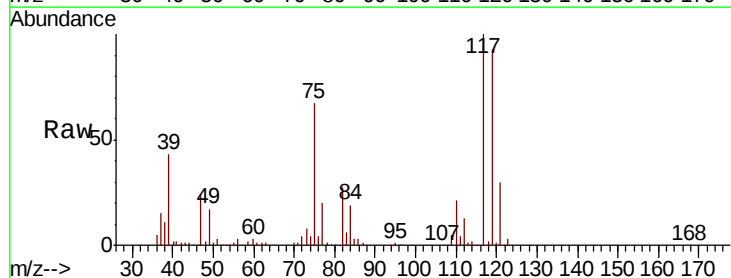
Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

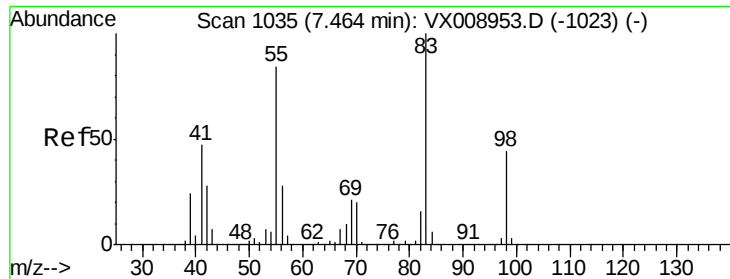
Tgt Ion: 43 Resp: 213858
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 54.211 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion: 117 Resp: 137376
Ion Ratio Lower Upper
117 100
119 93.0 73.8 110.8
121 30.1 23.6 35.4

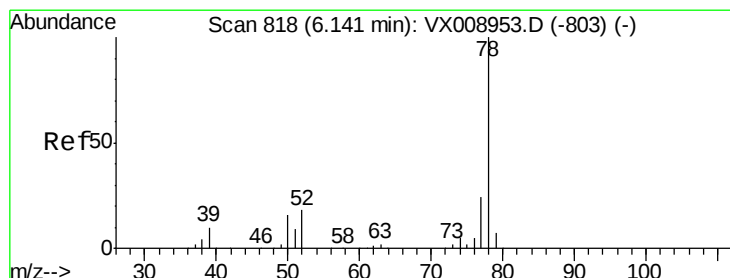
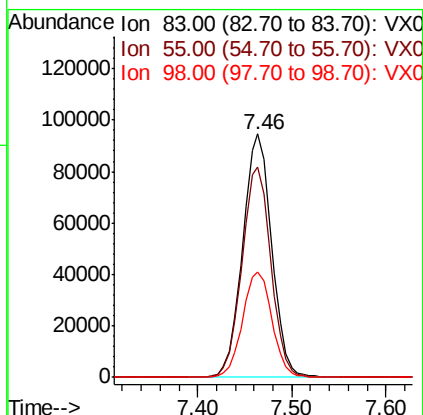
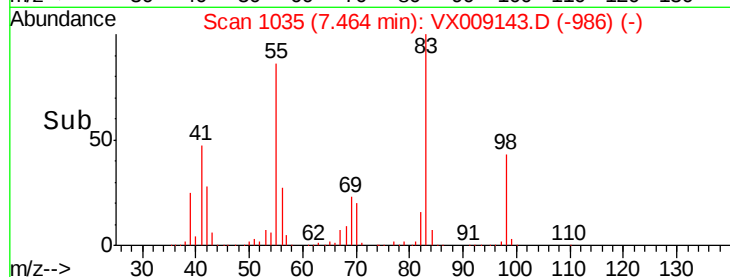
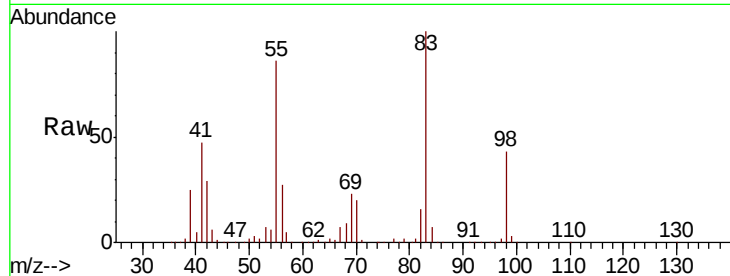




#39
Methylcyclohexane
Concen: 55.942 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

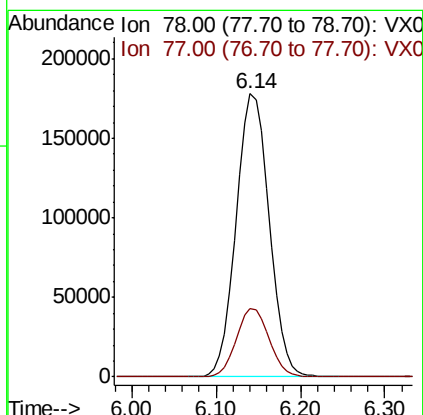
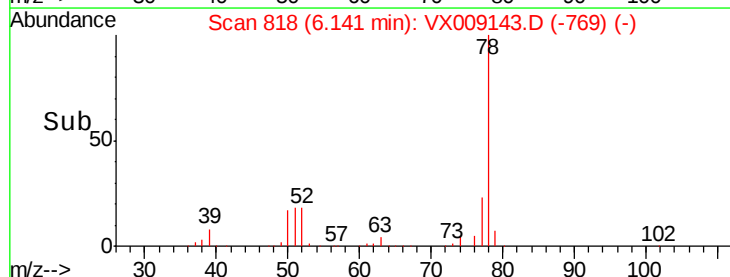
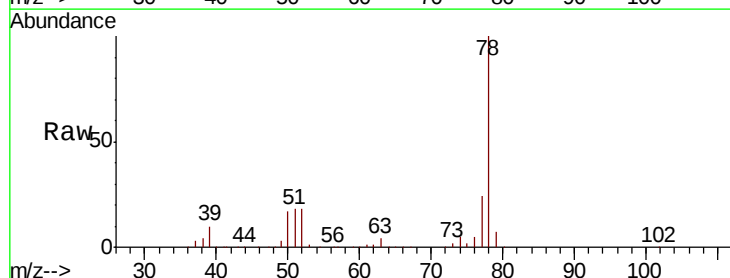
Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

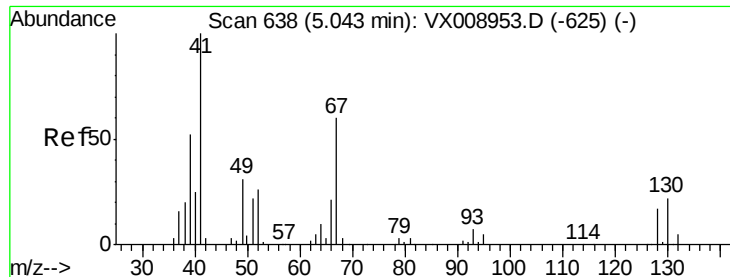
Tgt Ion: 83 Resp: 203598
Ion Ratio Lower Upper
83 100
55 86.3 67.1 100.7
98 43.3 35.1 52.7



#40
Benzene
Concen: 53.646 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion: 78 Resp: 473063
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41

Methacrylonitrile

Concen: 57.303 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampled :

S37-0016MS

Tgt Ion: 41 Resp: 126500

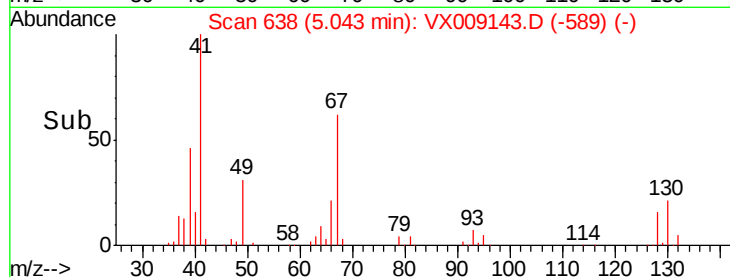
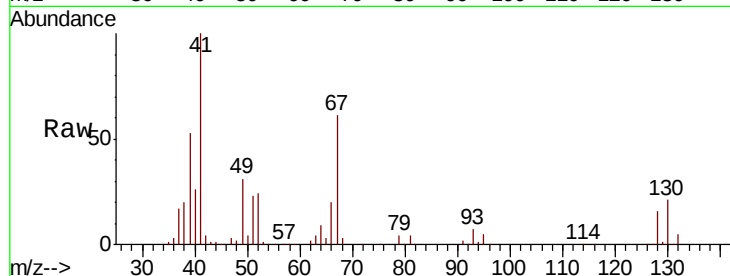
Ion Ratio Lower Upper

41 100

39 53.9 41.8 62.6

67 62.7 50.2 75.4

52 25.7 21.1 31.7

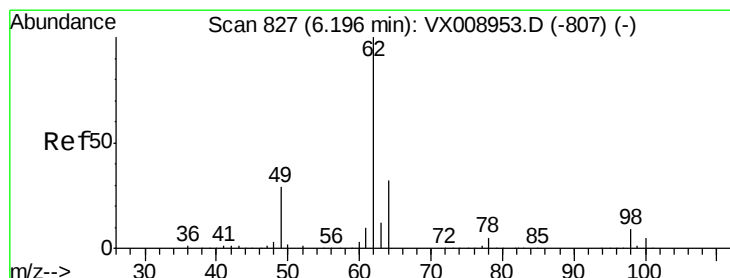
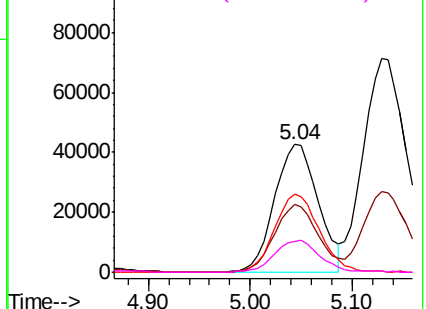


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.139 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX009143.D

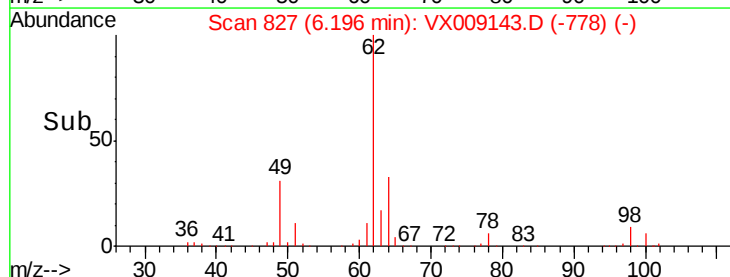
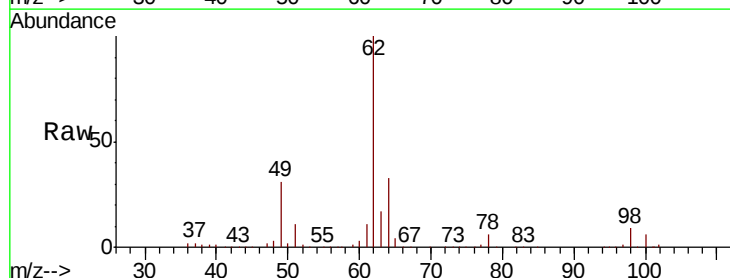
Acq: 24 Apr 2019 14:24

Tgt Ion: 62 Resp: 169117

Ion Ratio Lower Upper

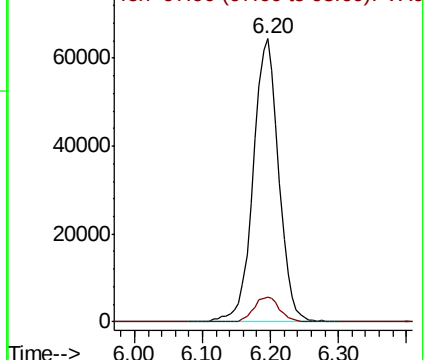
62 100

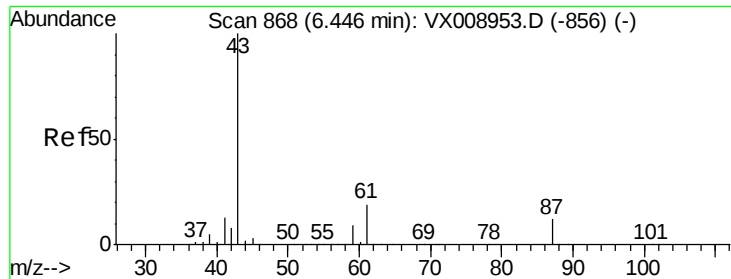
98 8.9 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.681 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

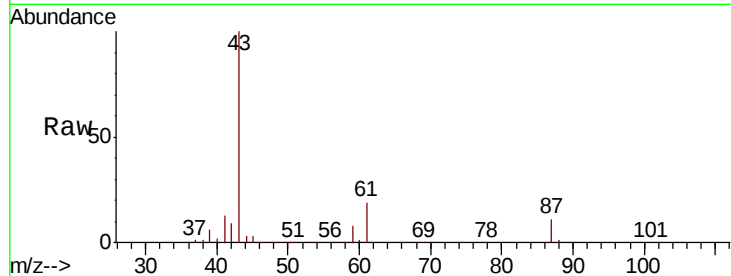
Tgt Ion: 43 Resp: 338939

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.0

87 11.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-856) (-)

Ion 61.00 (60.70 to 61.70): VX008953.D (-856) (-)

Ion 87.00 (86.70 to 87.70): VX008953.D (-856) (-)

6.45

150000

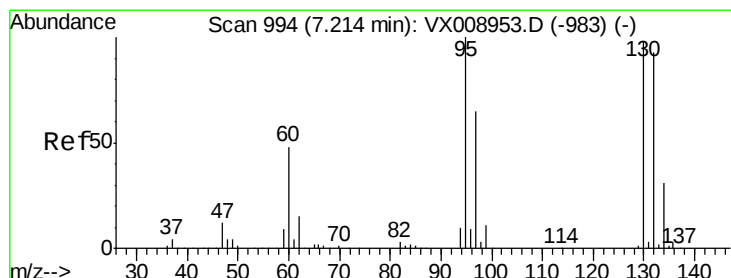
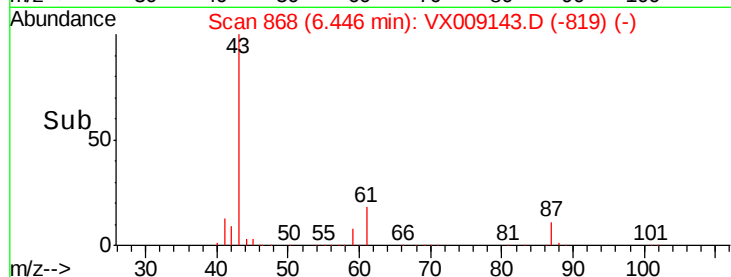
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 50.933 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009143.D

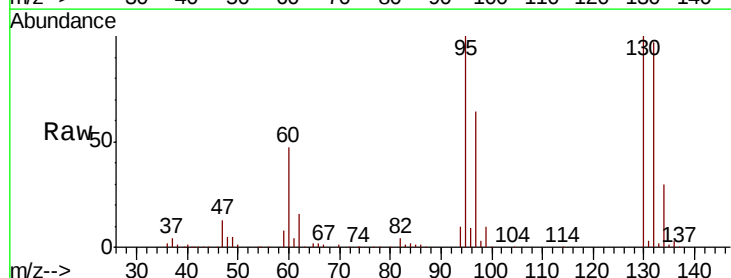
Acq: 24 Apr 2019 14:24

Tgt Ion: 130 Resp: 110047

Ion Ratio Lower Upper

130 100

95 100.1 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VX008953.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX008953.D (-983) (-)

7.21

60000

50000

40000

30000

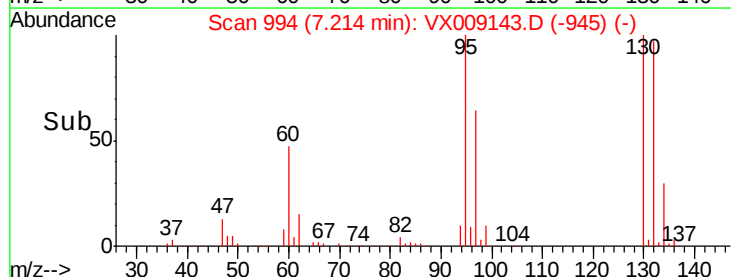
20000

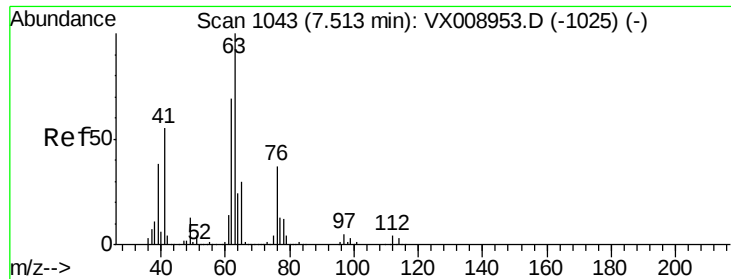
10000

0

7.10 7.20 7.30

Time-->

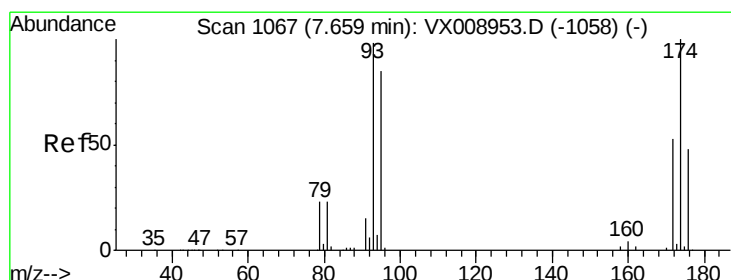
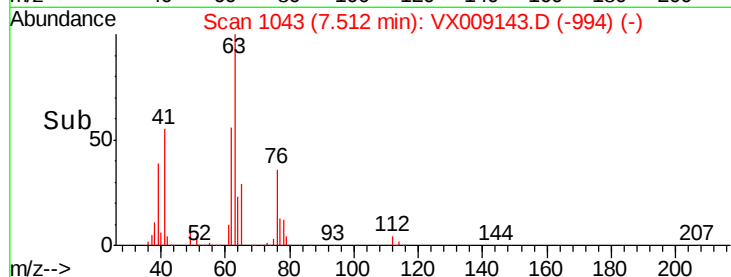
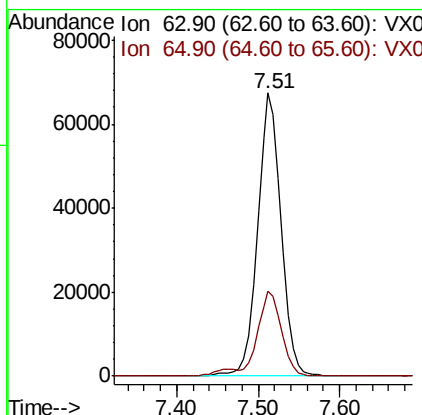
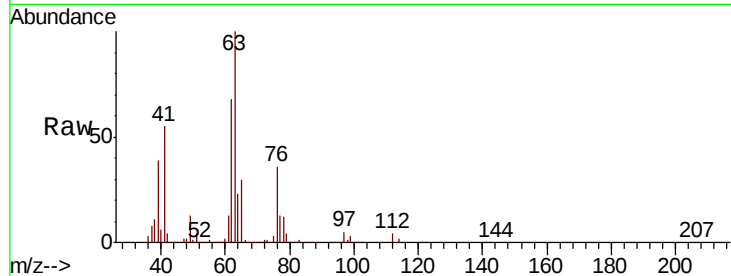




#45
 1,2-Dichloropropane
 Concen: 55.337 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

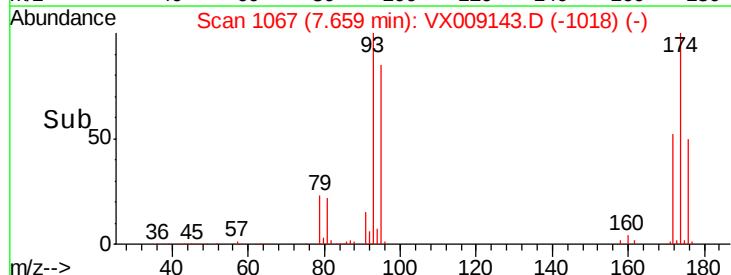
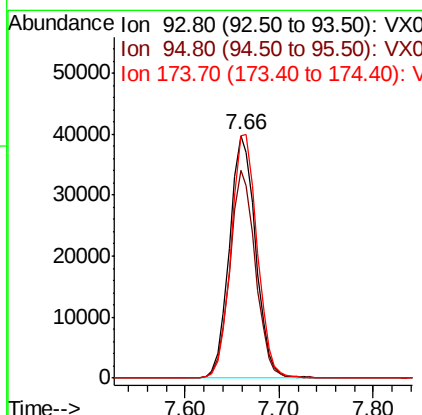
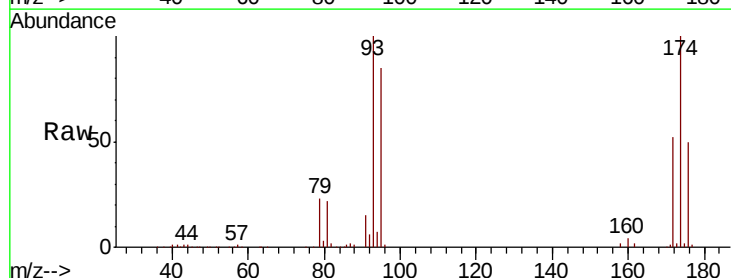
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

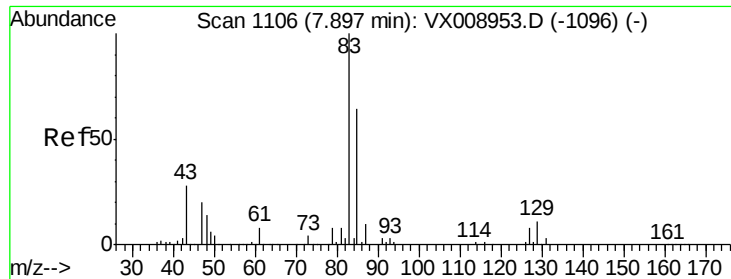
Tgt Ion: 63 Resp: 135376
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.1 36.1



#46
 Dibromomethane
 Concen: 53.926 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 93 Resp: 76777
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.4
 174 100.5 81.6 122.4





#47

Bromodichloromethane

Concen: 55.211 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

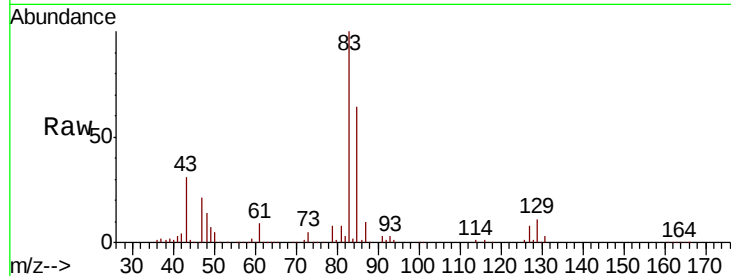
Tgt Ion: 83 Resp: 154177

Ion Ratio Lower Upper

83 100

85 64.2 50.8 76.2

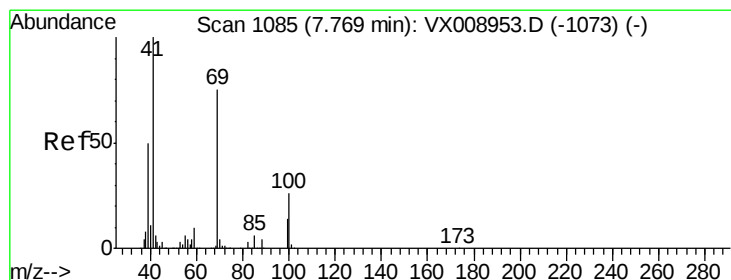
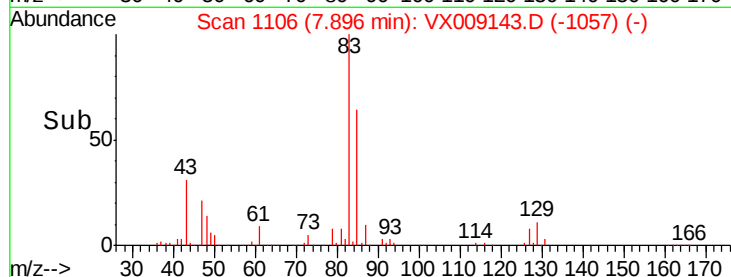
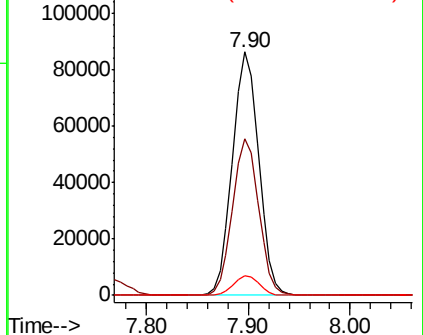
127 8.0 6.4 9.6



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: 56.447 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

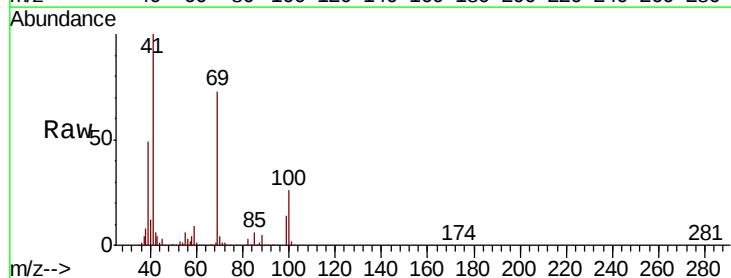
Tgt Ion: 41 Resp: 172881

Ion Ratio Lower Upper

41 100

69 73.7 59.4 89.2

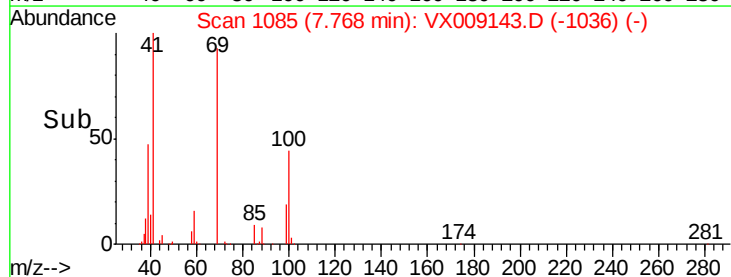
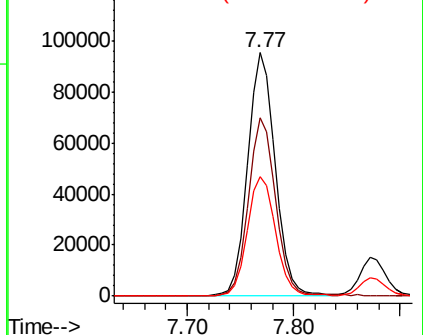
39 50.3 39.8 59.6

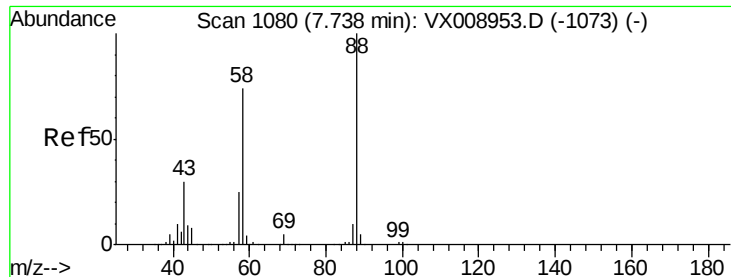


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

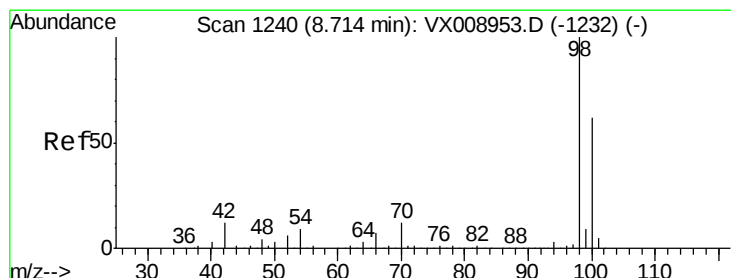
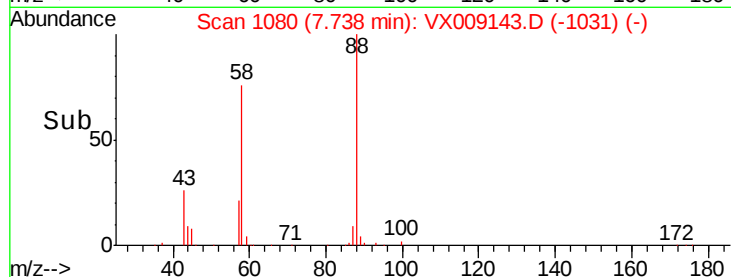
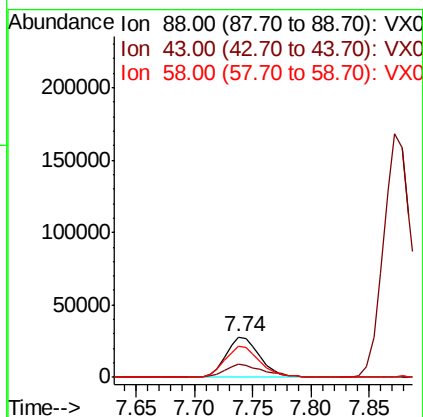
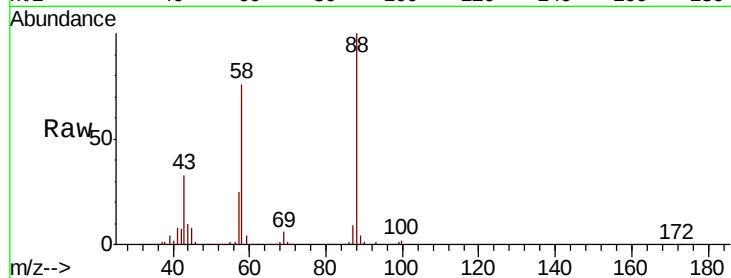




#49
 1,4-Dioxane
 Concen: 972.203 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

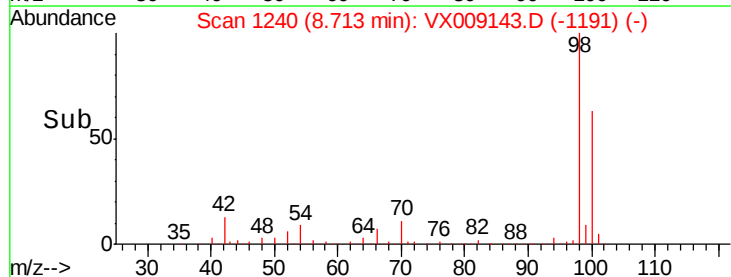
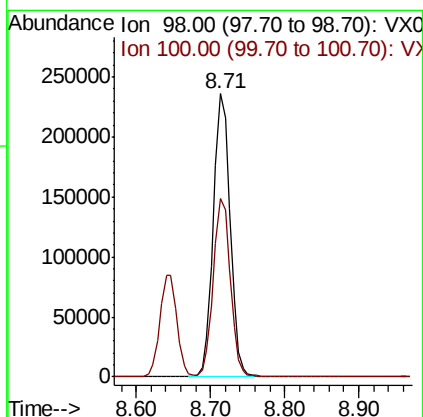
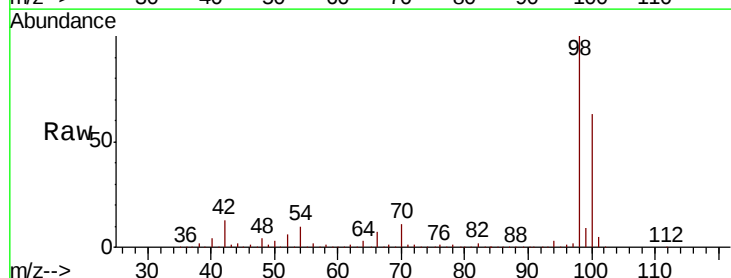
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

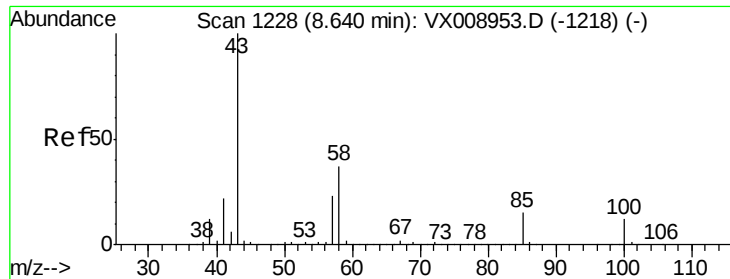
Tgt Ion: 88 Resp: 55731
 Ion Ratio Lower Upper
 88 100
 43 36.6 29.3 43.9
 58 78.2 62.6 93.8



#50
 Toluene-d8
 Concen: 49.632 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 98 Resp: 367153
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.2

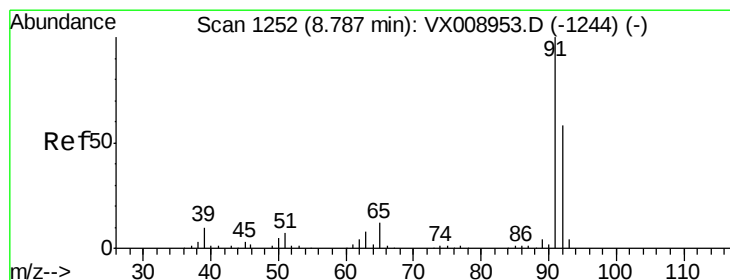
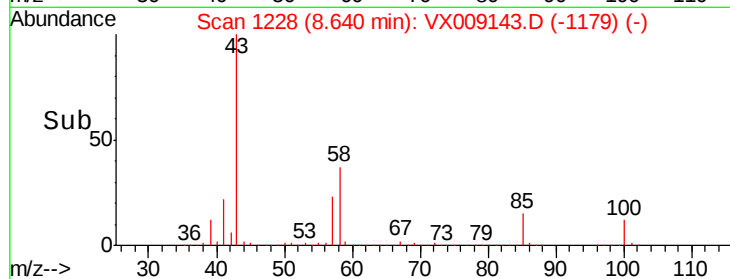
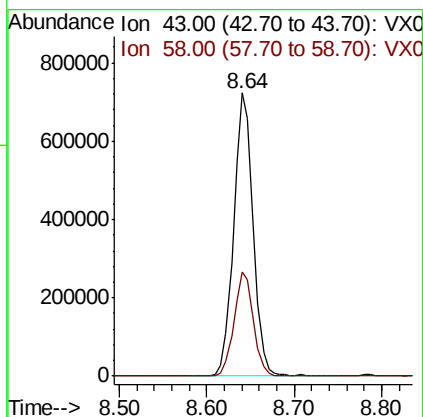
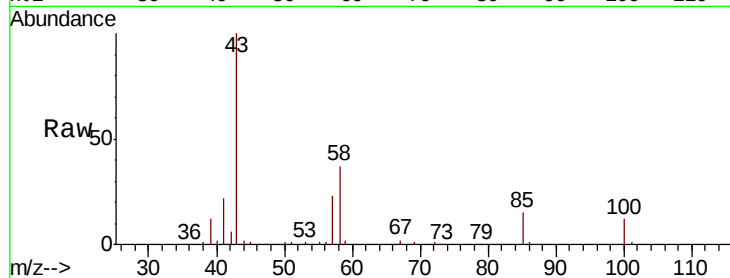




#51
 4-Methyl-2-Pentanone
 Concen: 284.443 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

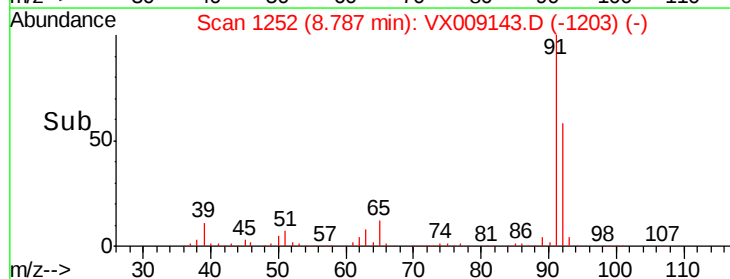
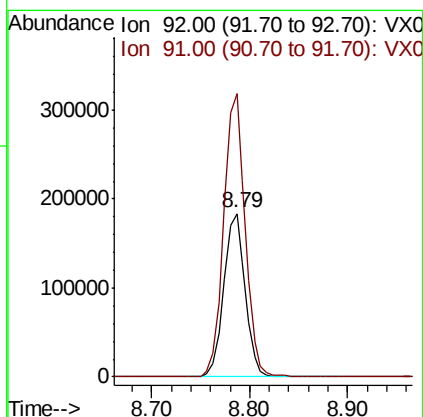
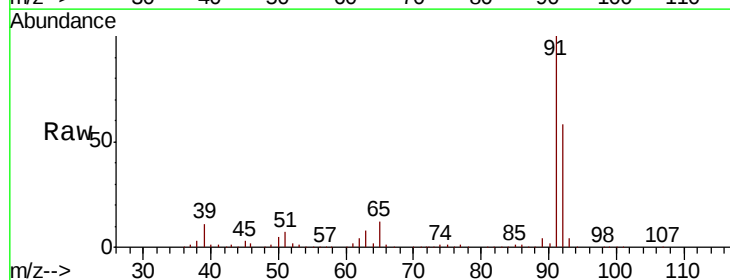
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

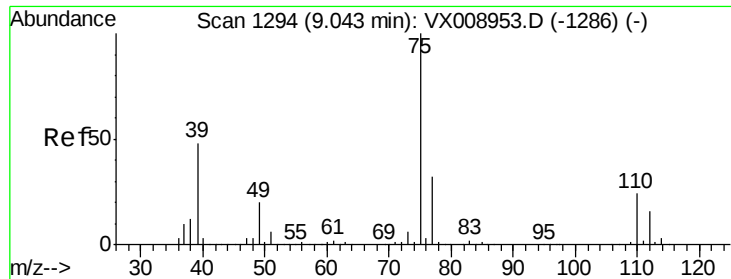
Tgt Ion: 43 Resp: 1123232
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.8 44.6



#52
 Toluene
 Concen: 52.512 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 92 Resp: 277521
 Ion Ratio Lower Upper
 92 100
 91 174.3 138.5 207.7

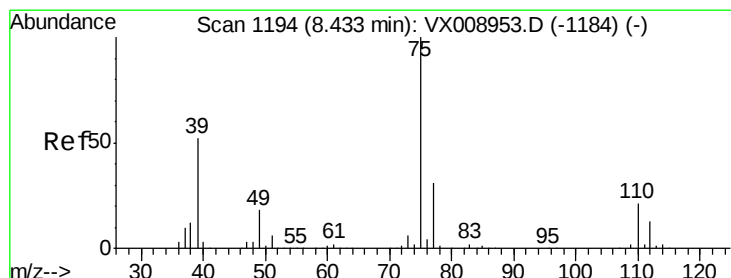
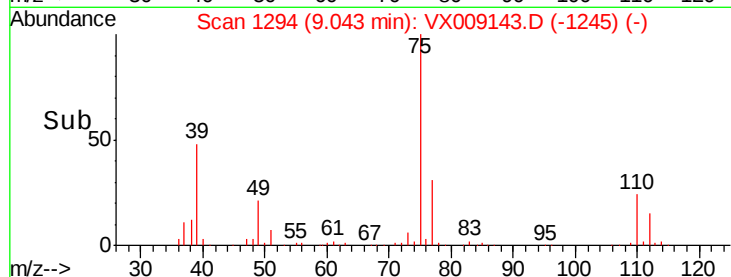
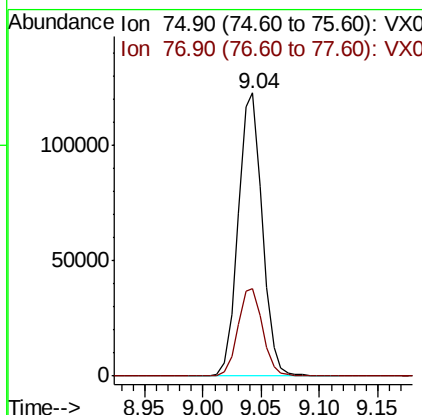
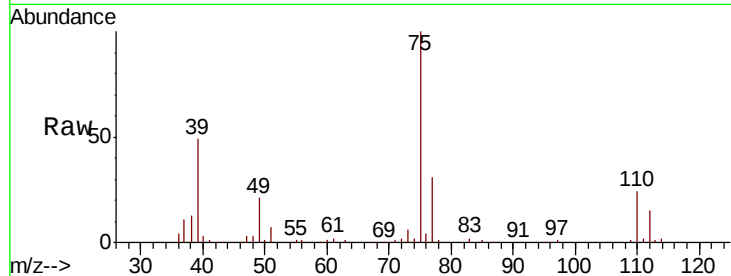




#53
t-1,3-Dichloropropene
Concen: 55.176 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

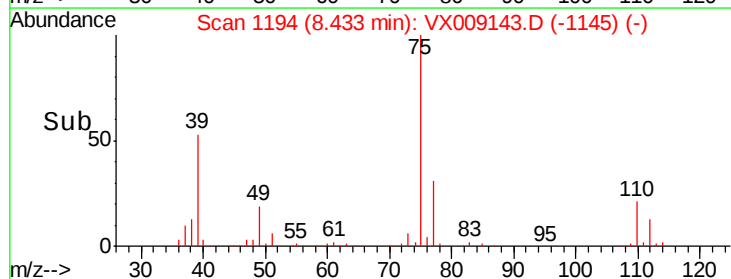
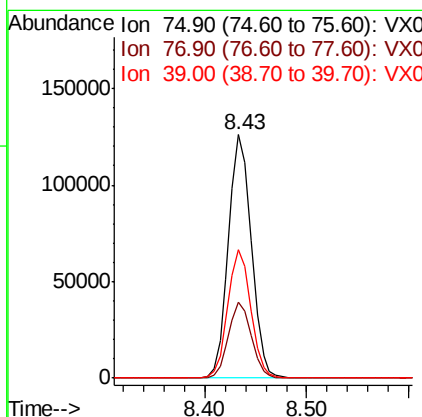
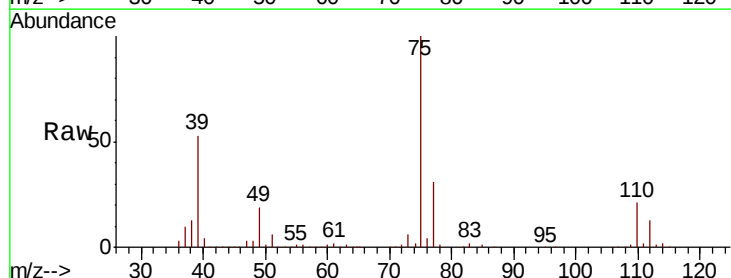
Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

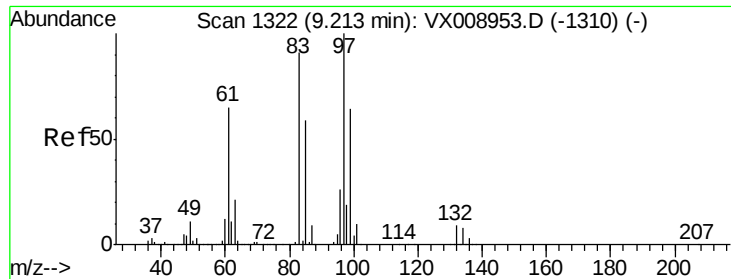
Tgt Ion: 75 Resp: 177322
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 54.409 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion: 75 Resp: 195793
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 52.4 41.8 62.6

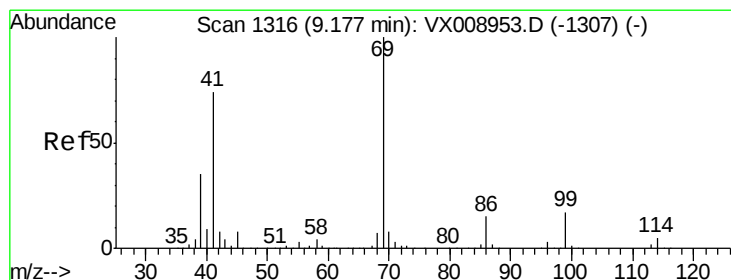
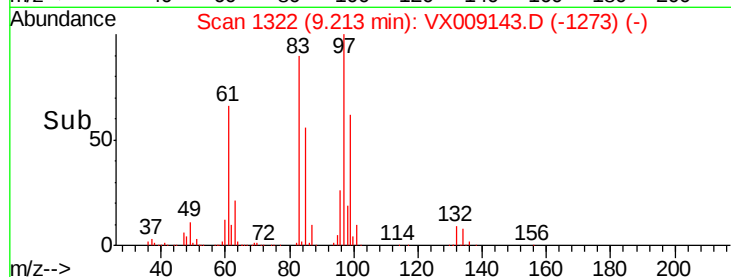
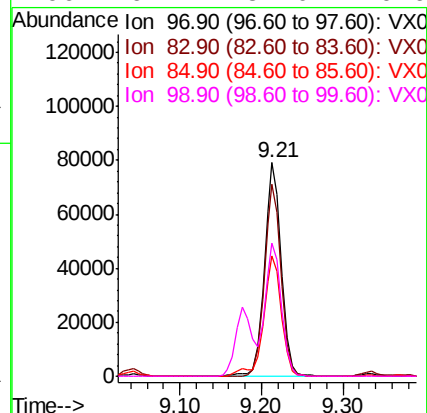
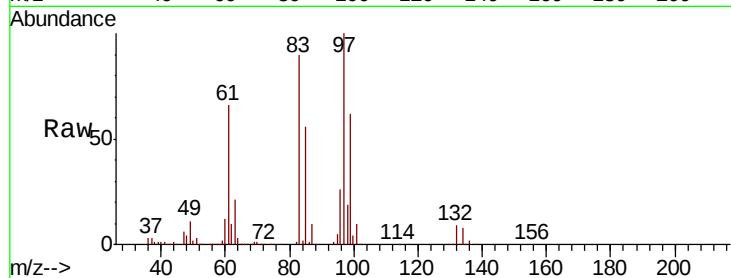




#55
 1,1,2-Trichloroethane
 Concen: 54.870 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

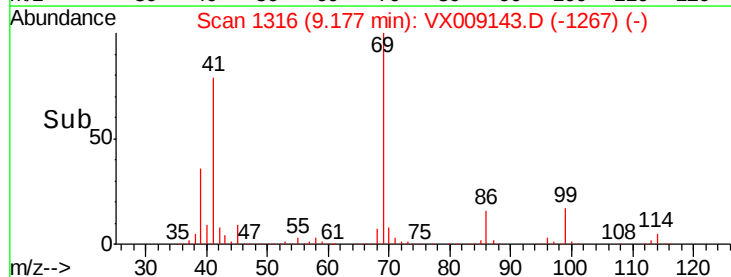
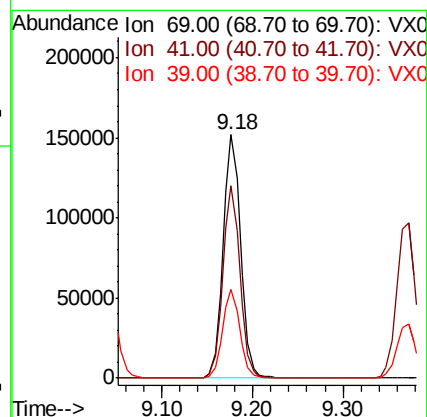
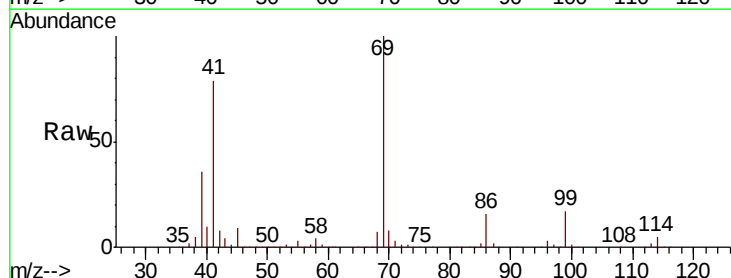
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

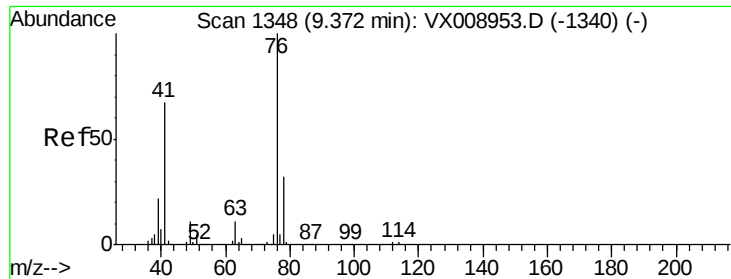
Tgt Ion: 97 Resp: 114930
 Ion Ratio Lower Upper
 97 100
 83 90.1 72.6 108.8
 85 56.1 46.9 70.3
 99 62.4 51.0 76.6



#56
 Ethyl methacrylate
 Concen: 54.865 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 69 Resp: 206059
 Ion Ratio Lower Upper
 69 100
 41 77.0 60.2 90.2
 39 35.7 27.9 41.9

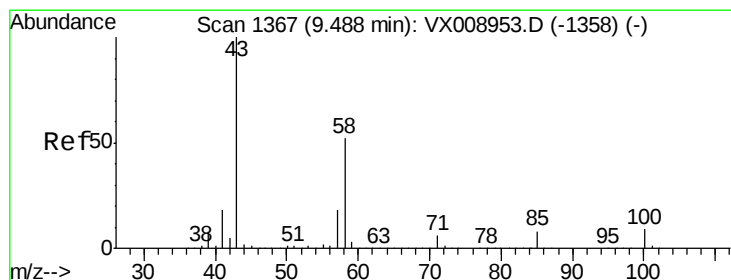
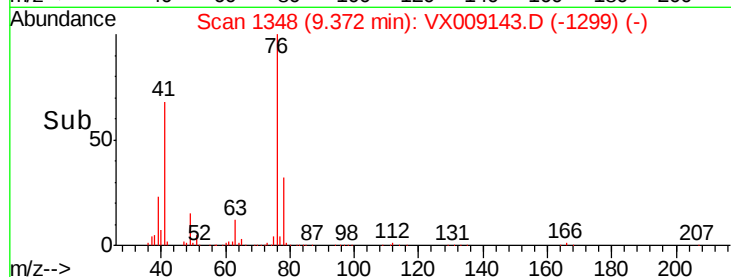
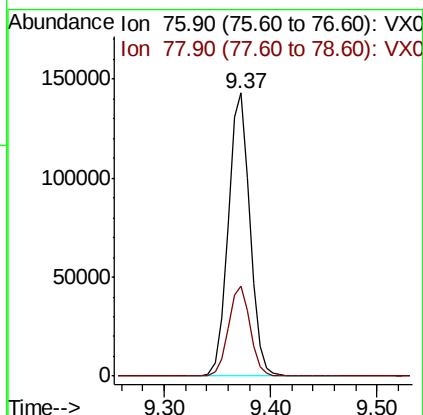
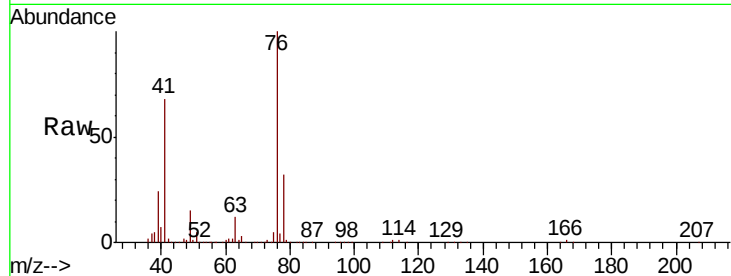




#57
 1,3-Dichloropropane
 Concen: 54.656 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

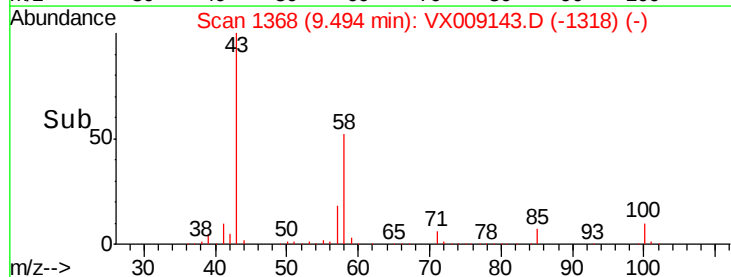
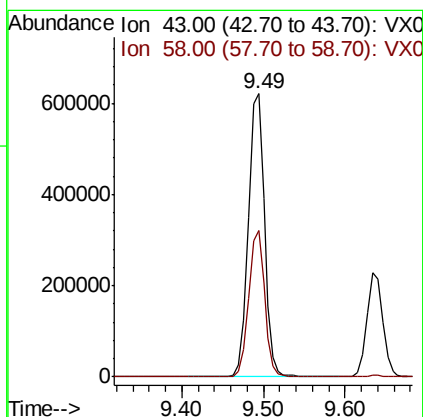
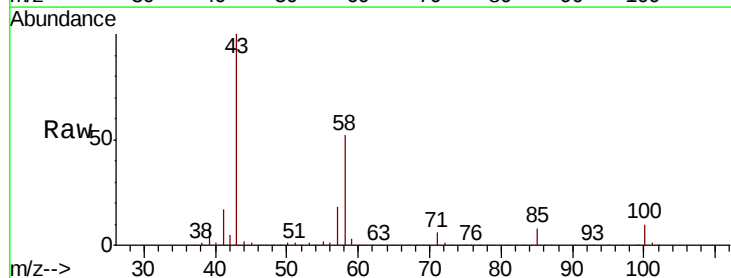
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

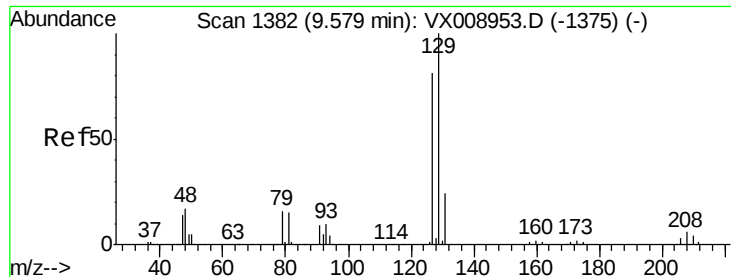
Tgt Ion: 76 Resp: 203834
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#59
 2-Hexanone
 Concen: 281.758 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 43 Resp: 857814
 Ion Ratio Lower Upper
 43 100
 58 51.2 25.9 77.8





#60

Dibromochloromethane

Concen: 56.282 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

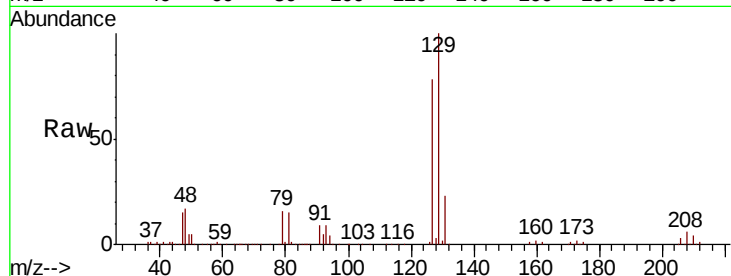
S37-0016MS

Tgt Ion:129 Resp: 112984

Ion Ratio Lower Upper

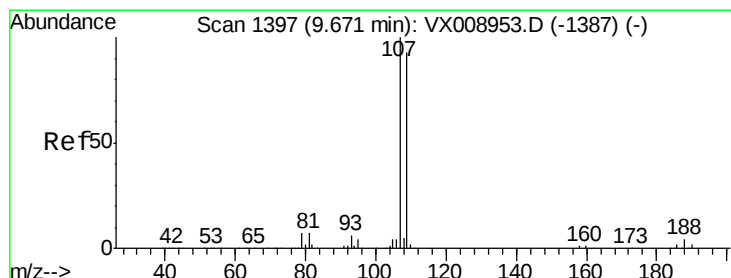
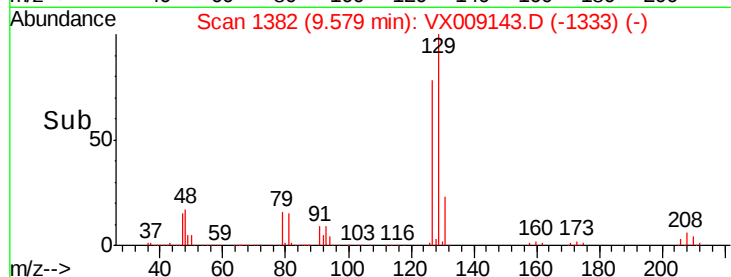
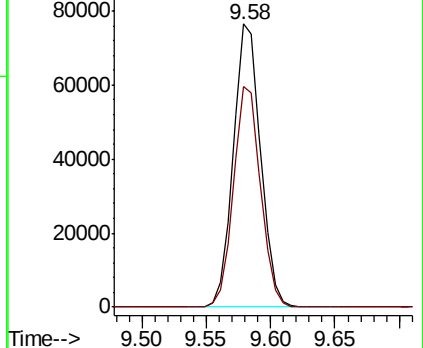
129 100

127 77.1 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.004 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009143.D

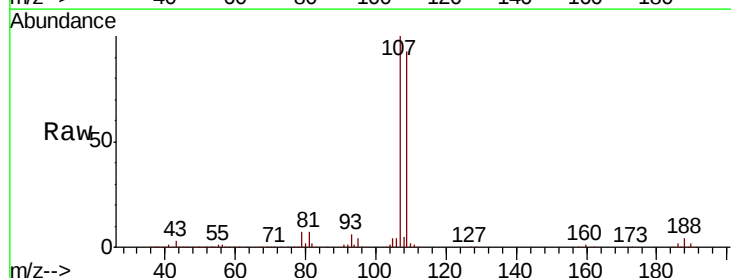
Acq: 24 Apr 2019 14:24

Tgt Ion:107 Resp: 116744

Ion Ratio Lower Upper

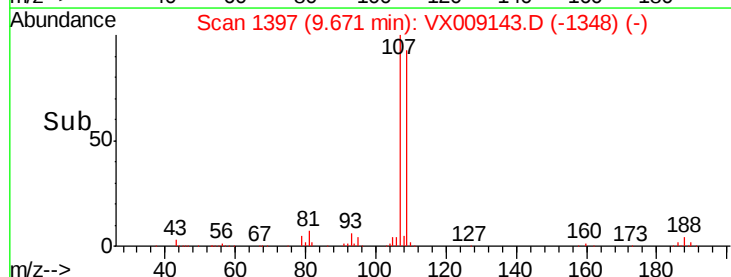
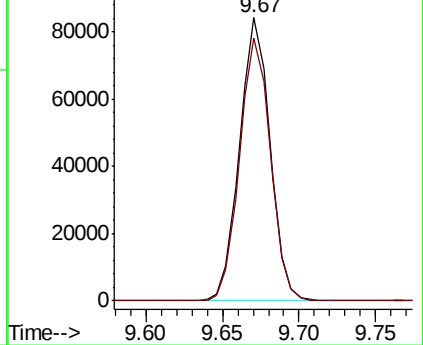
107 100

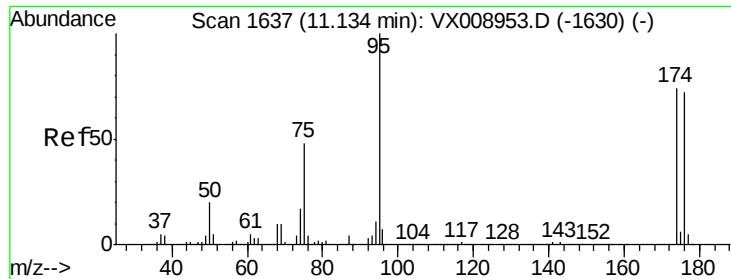
109 94.0 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.242 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampled :

S37-0016MS

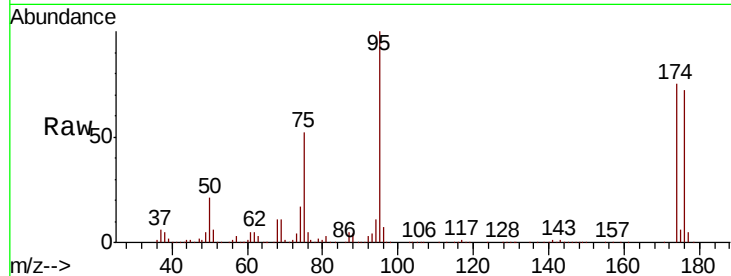
Tgt Ion: 95 Resp: 131199

Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.6

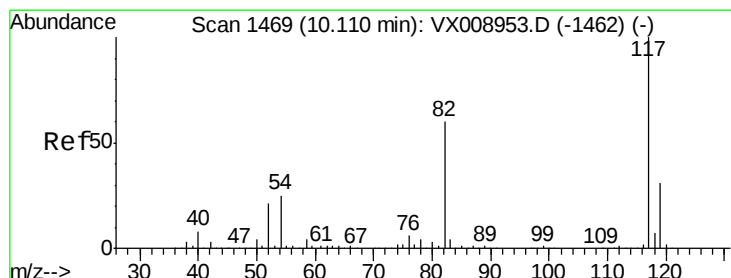
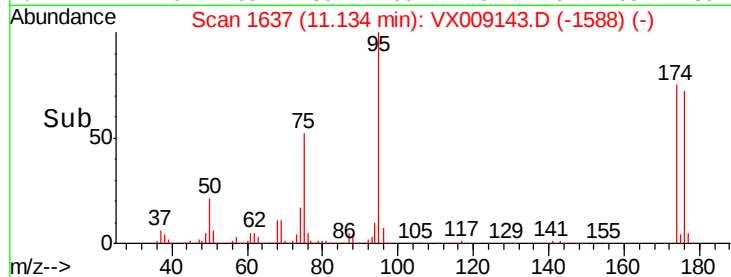
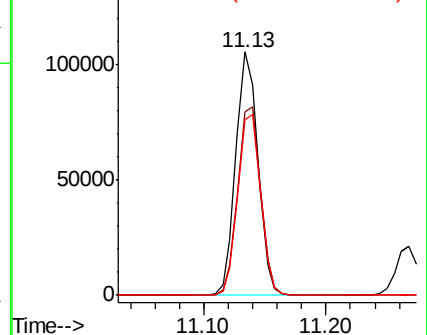
176 76.8 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

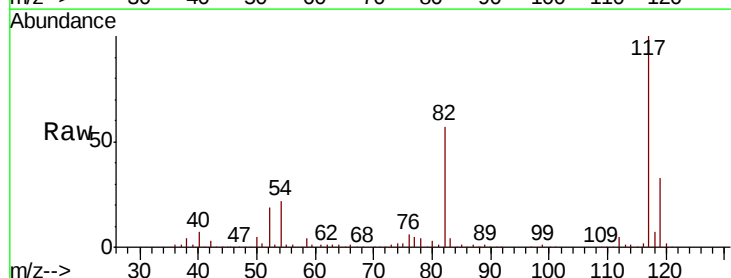
Tgt Ion: 117 Resp: 253049

Ion Ratio Lower Upper

117 100

82 56.7 48.2 72.4

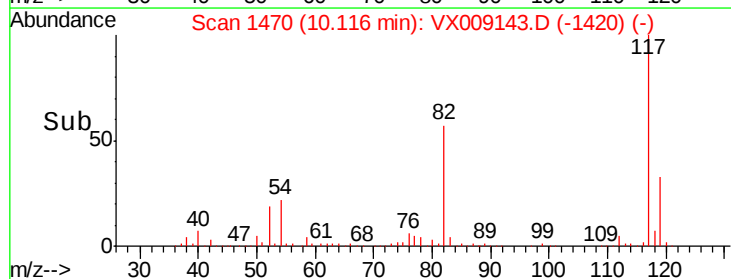
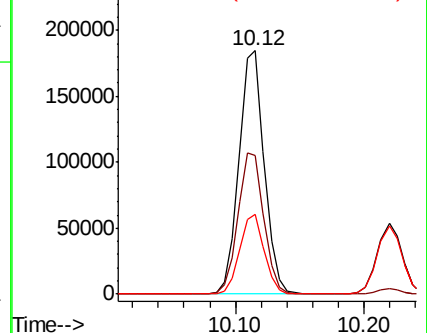
119 32.7 25.0 37.6

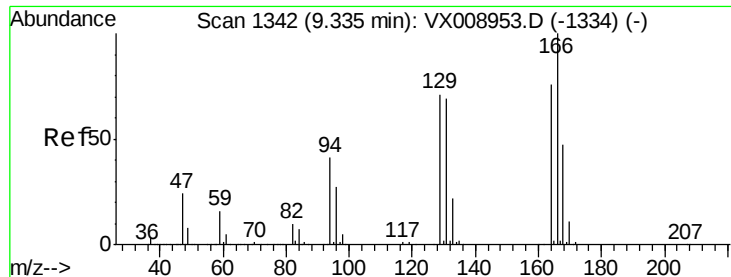


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

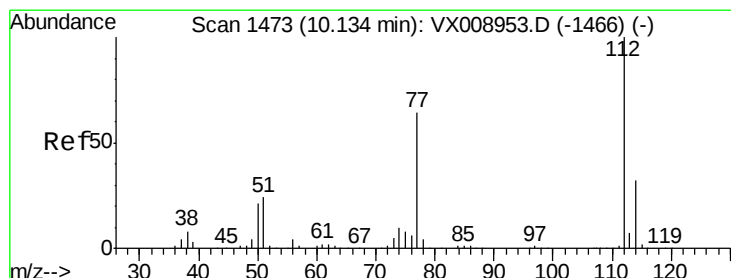
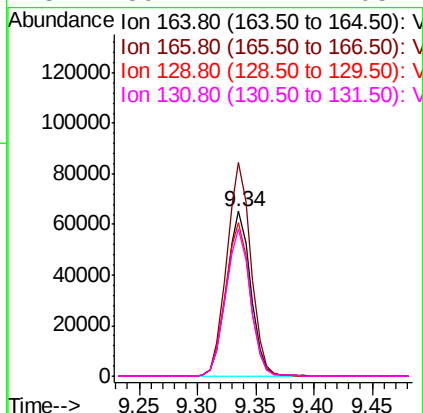
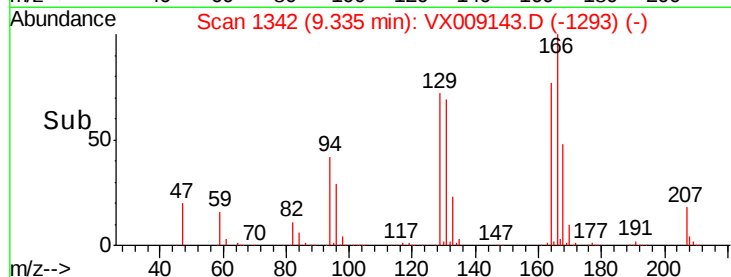
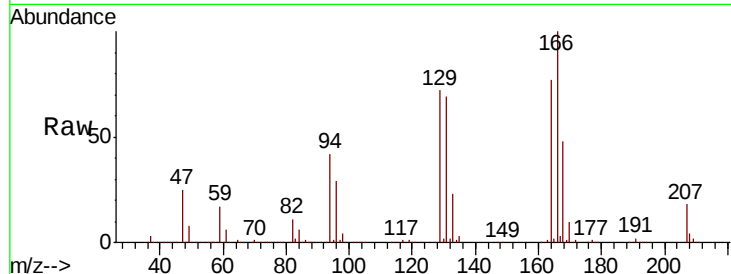




#64
Tetrachloroethene
Concen: 48.978 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

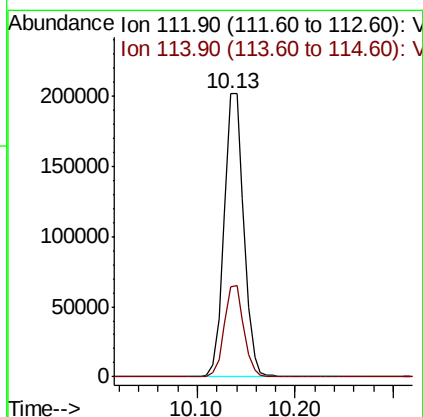
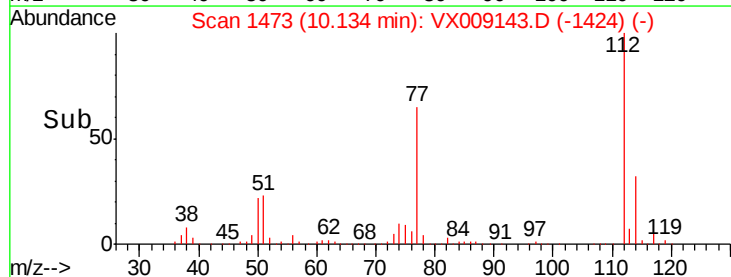
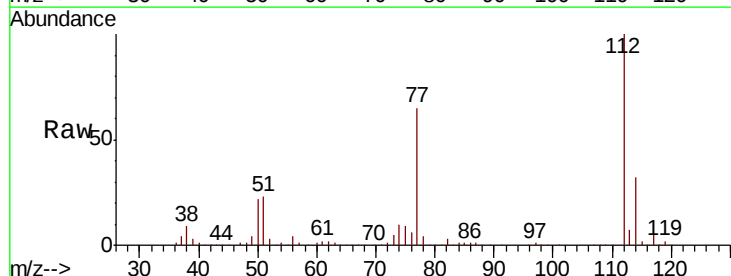
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

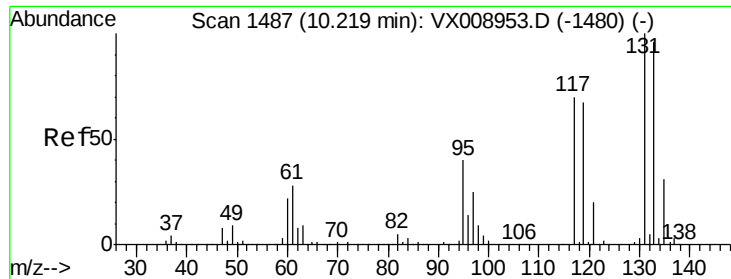
Tgt Ion:164 Resp: 94153
Ion Ratio Lower Upper
164 100
166 129.7 105.0 157.4
129 93.4 74.2 111.4
131 89.4 72.2 108.2



#65
Chlorobenzene
Concen: 52.689 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion:112 Resp: 281420
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

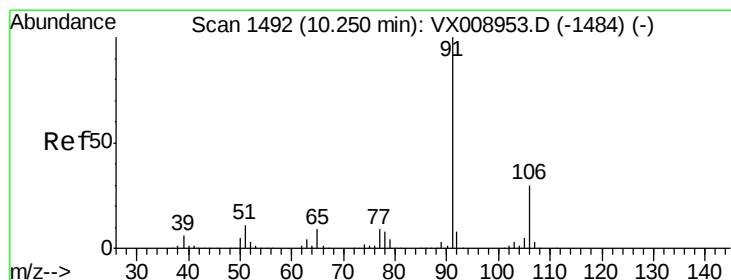
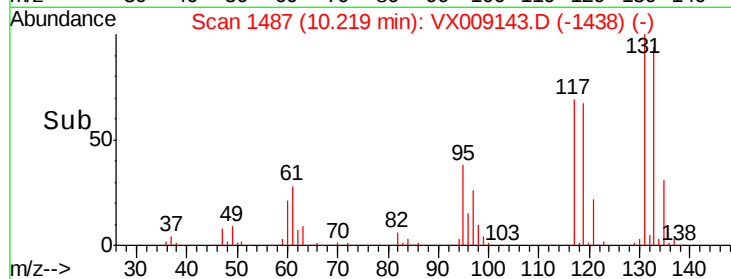
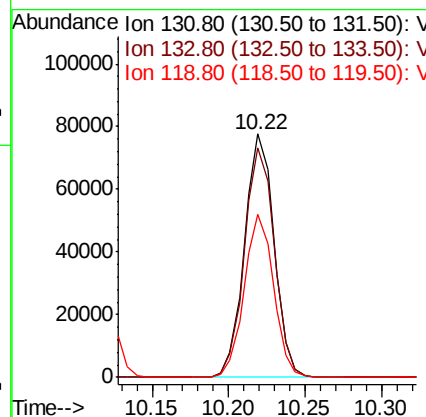
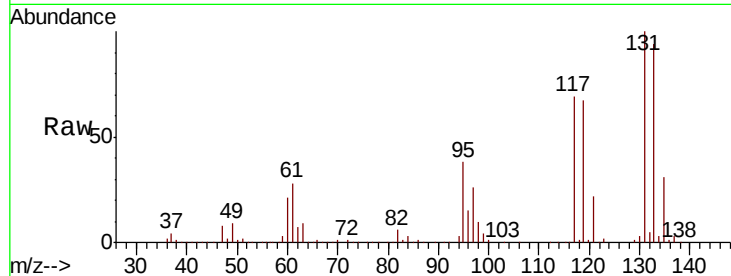




#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.371 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

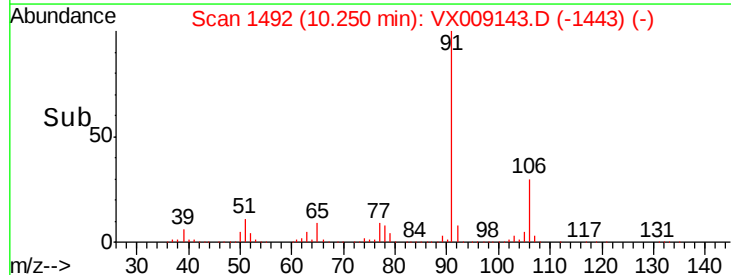
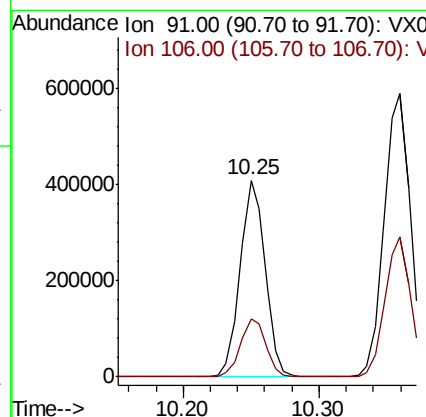
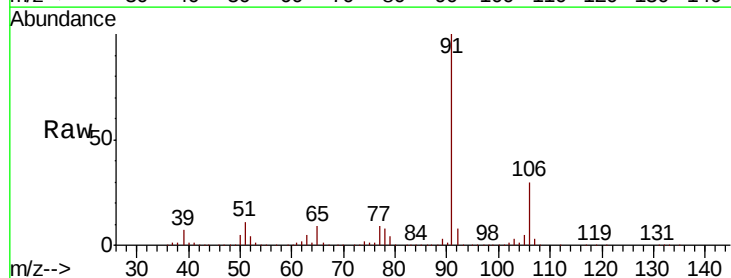
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

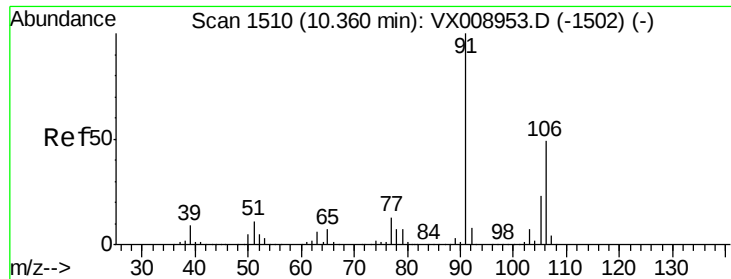
Tgt Ion: 131 Resp: 104187
 Ion Ratio Lower Upper
 131 100
 133 95.9 48.0 144.2
 119 66.8 33.7 101.1



#67
 Ethyl Benzene
 Concen: 53.637 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 91 Resp: 523702
 Ion Ratio Lower Upper
 91 100
 106 29.9 24.3 36.5

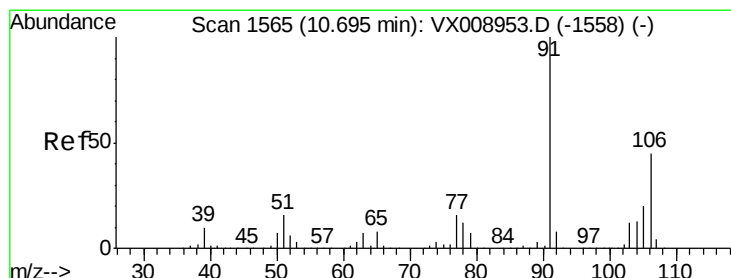
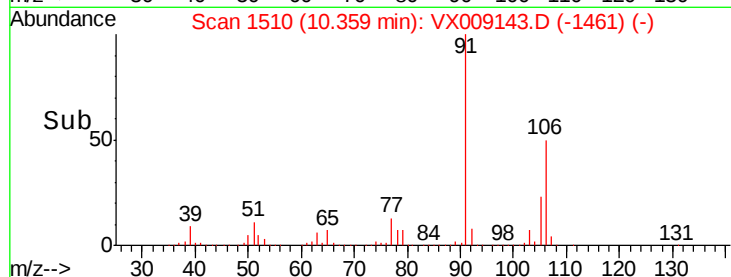
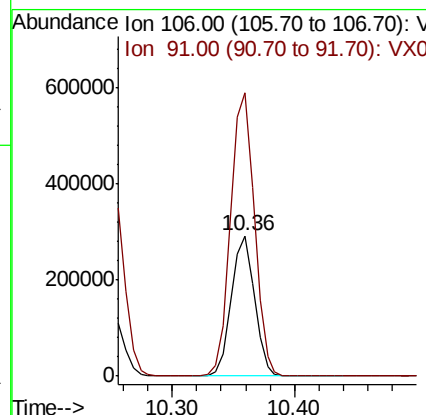
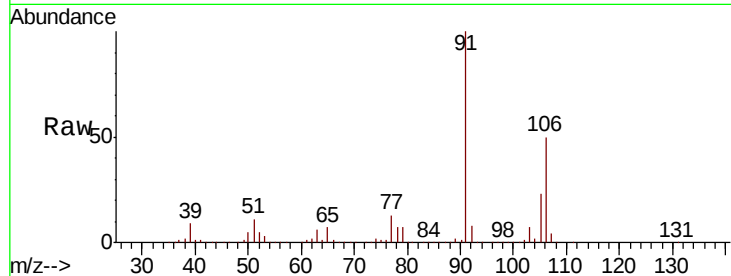




#68
m/p-Xylenes
Concen: 107.563 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

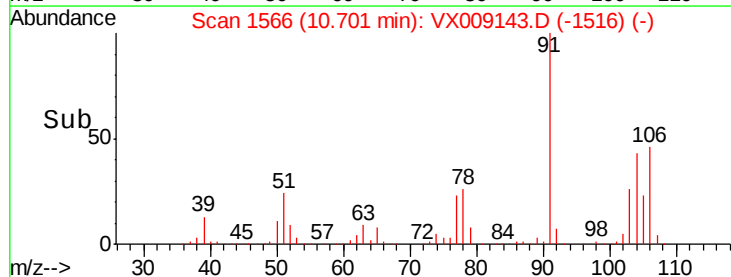
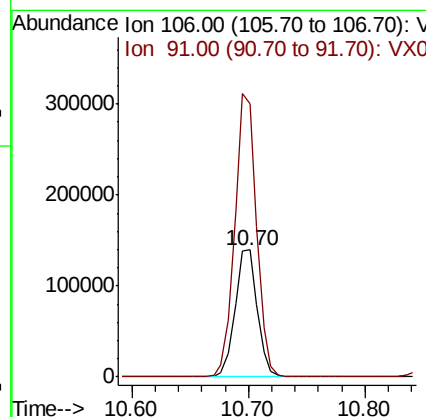
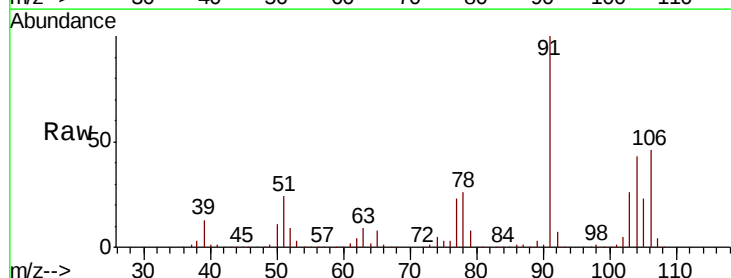
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

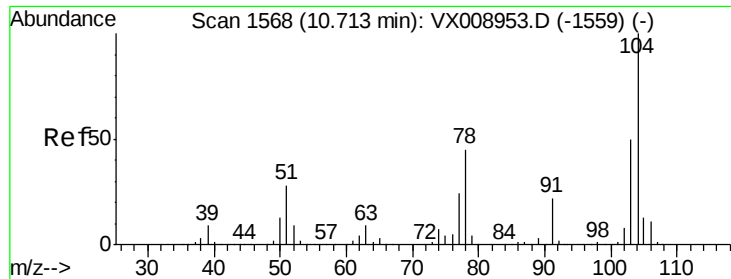
Tgt Ion:106 Resp: 381680
Ion Ratio Lower Upper
106 100
91 208.1 165.4 248.2



#69
o-Xylene
Concen: 53.543 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion:106 Resp: 184866
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.7





#70

Styrene

Concen: 54.027 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

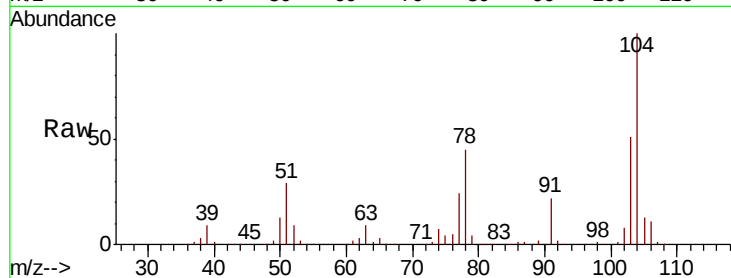
Tgt Ion:104 Resp: 323256

Ion Ratio Lower Upper

104 100

78 52.3 41.2 61.8

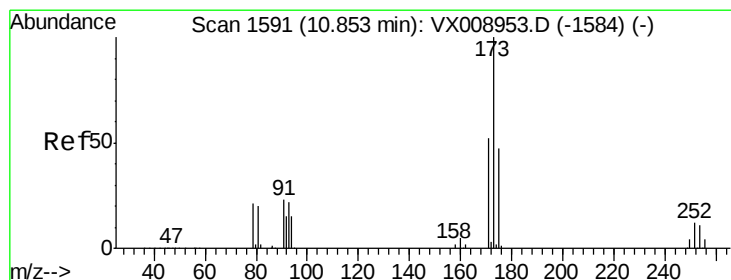
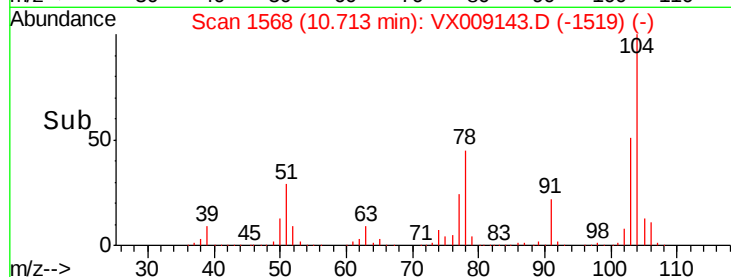
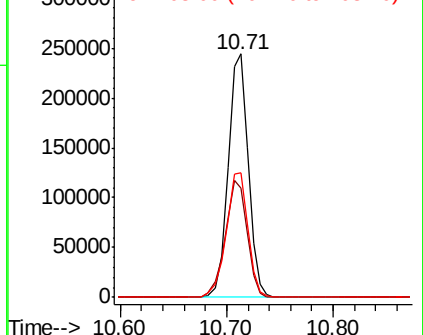
103 55.5 43.9 65.9



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: 55.646 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

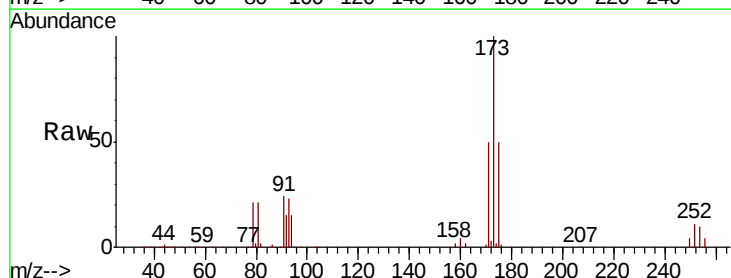
Tgt Ion:173 Resp: 83416

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.8

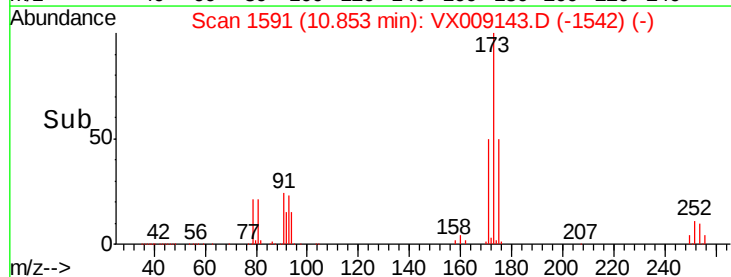
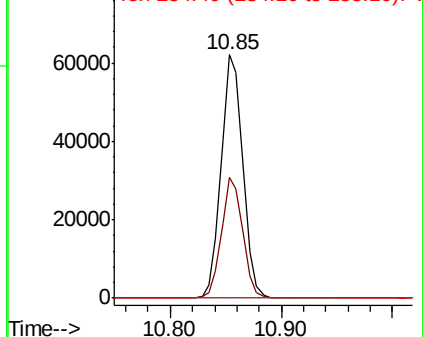
254 0.2 0.2 0.4#

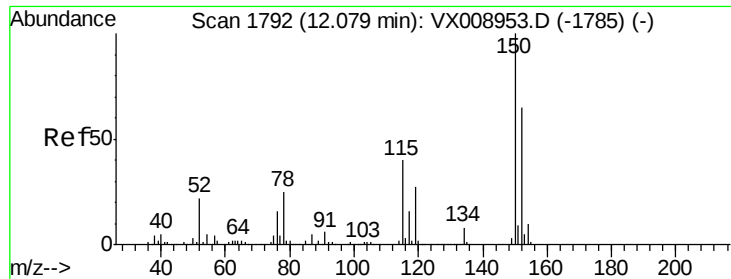


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

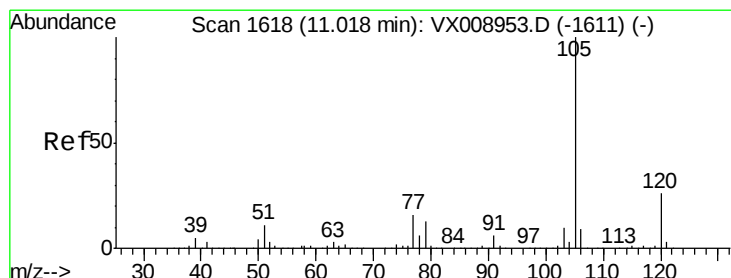
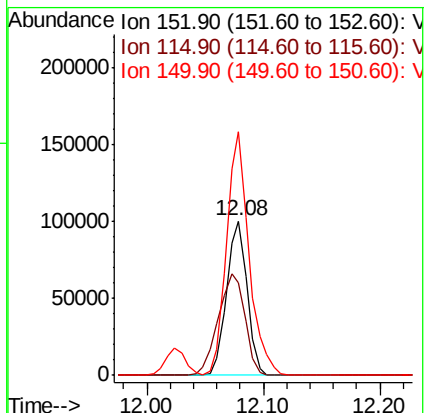
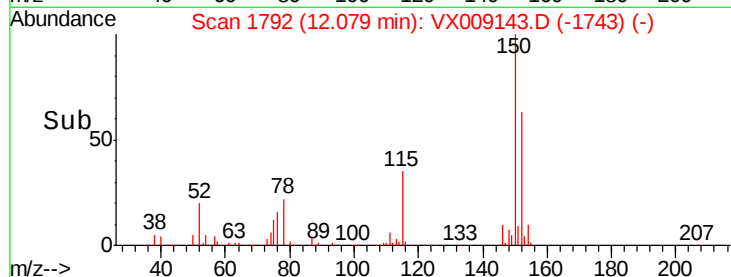
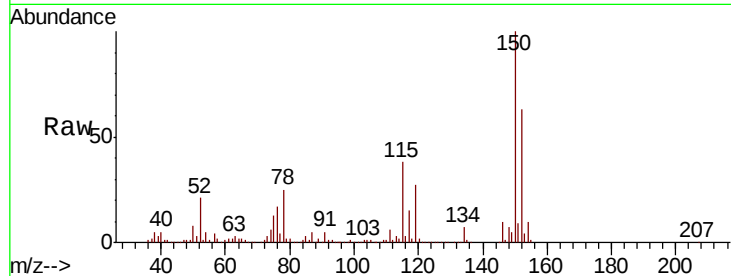
Tgt Ion:152 Resp: 122536

Ion Ratio Lower Upper

152 100

115 84.8 41.4 124.2

150 172.6 0.0 349.8



#73

Isopropylbenzene

Concen: 53.455 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009143.D

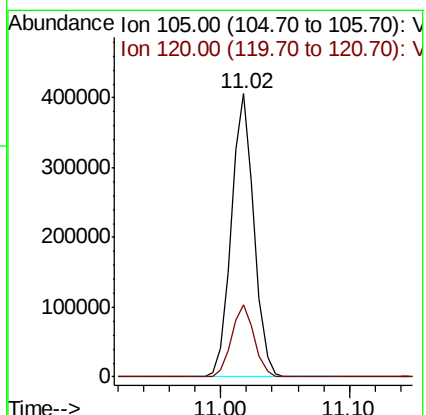
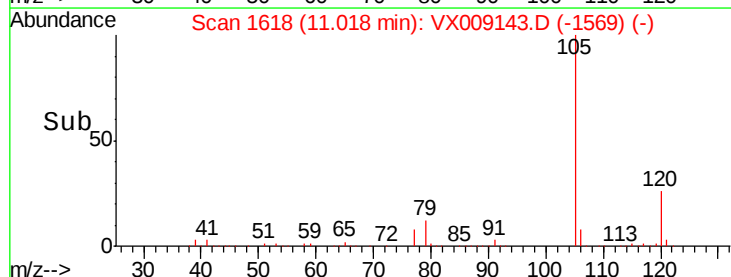
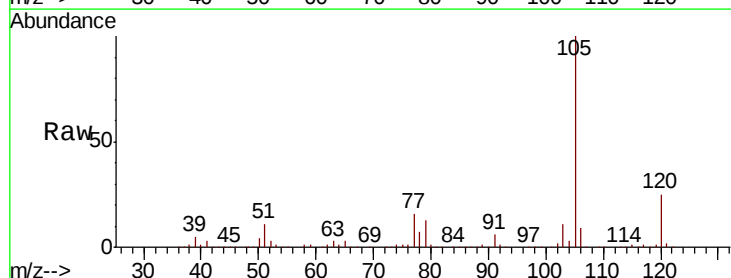
Acq: 24 Apr 2019 14:24

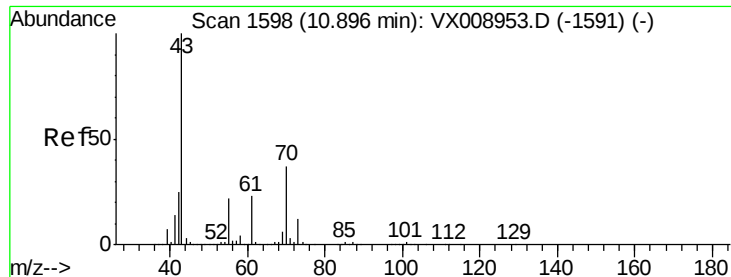
Tgt Ion:105 Resp: 496498

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7





#74

N-amyI acetate

Concen: 53.999 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

Tgt Ion: 43 Resp: 287979

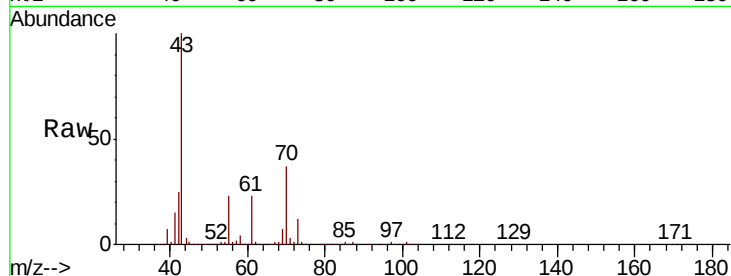
Ion Ratio Lower Upper

43 100

70 37.3 29.9 44.9

55 22.6 17.8 26.8

61 22.5 18.3 27.5

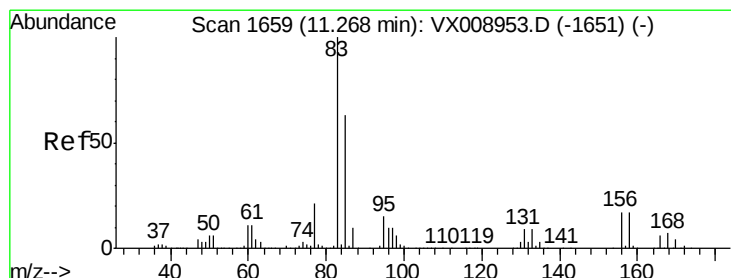
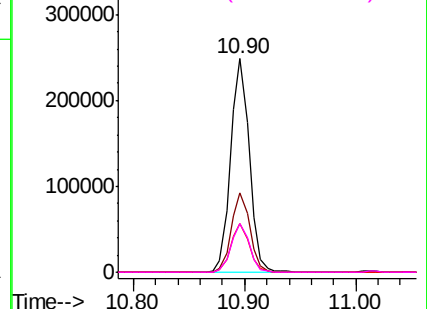
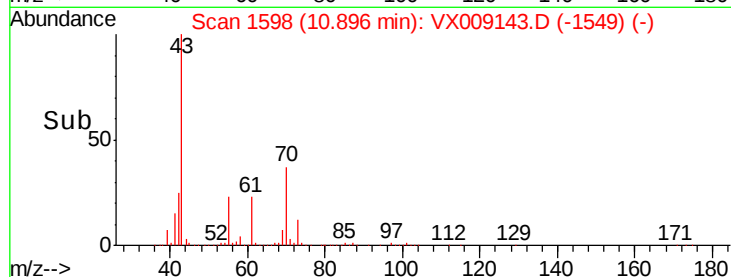


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.613 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

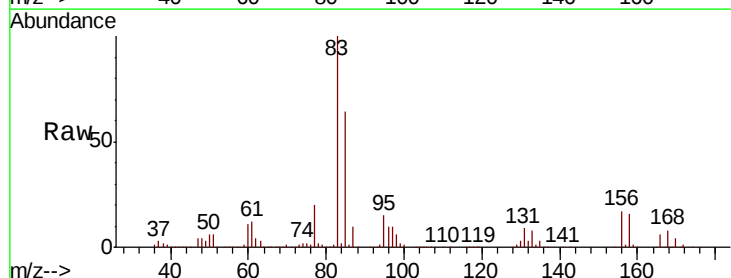
Tgt Ion: 83 Resp: 185339

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

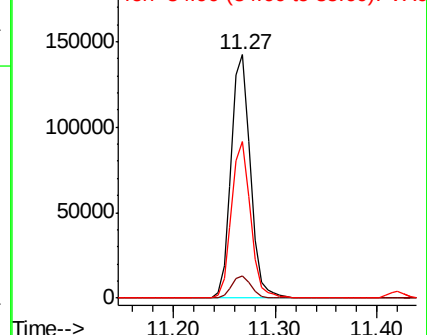
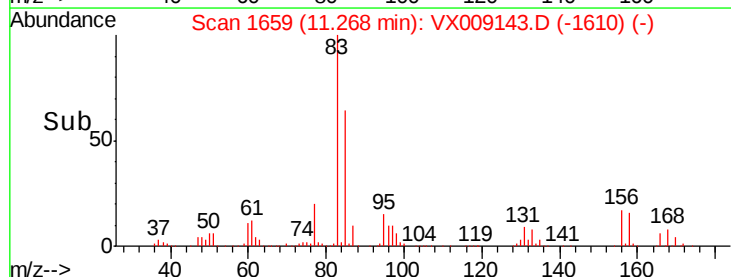
85 63.6 31.9 95.9

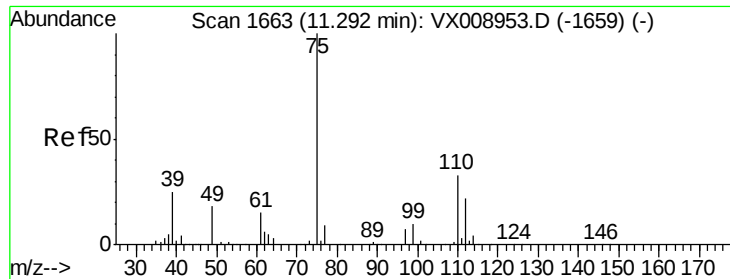


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

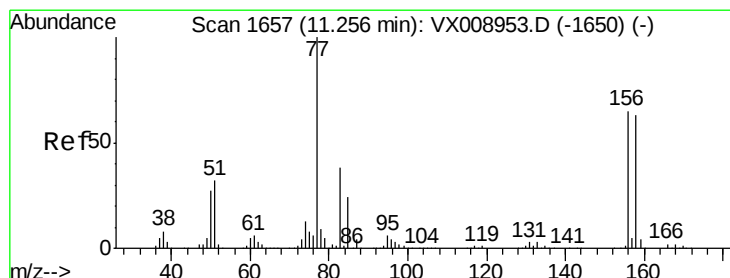
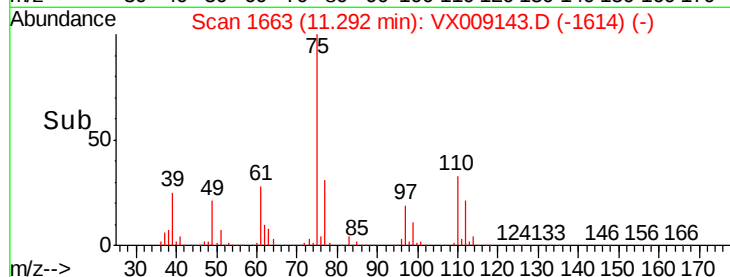
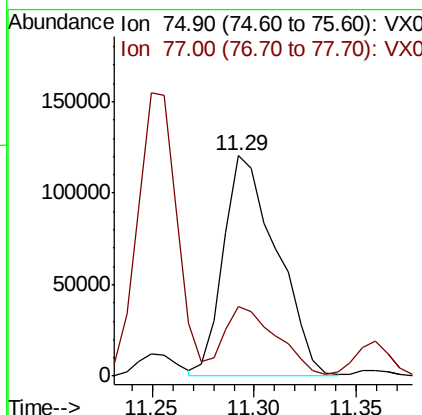
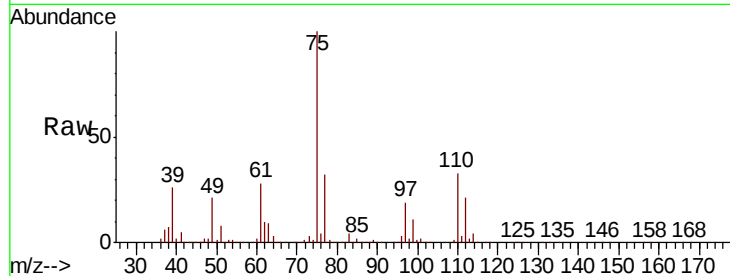




#76
1,2,3-Trichloropropane
Concen: 73.162 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

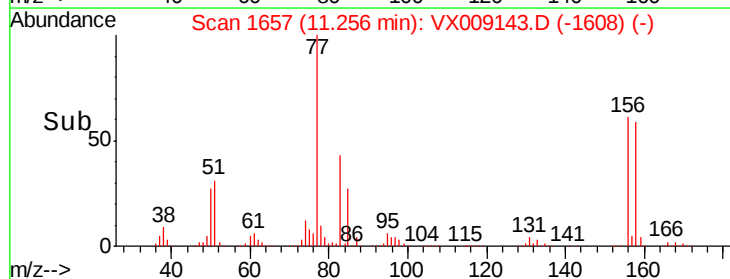
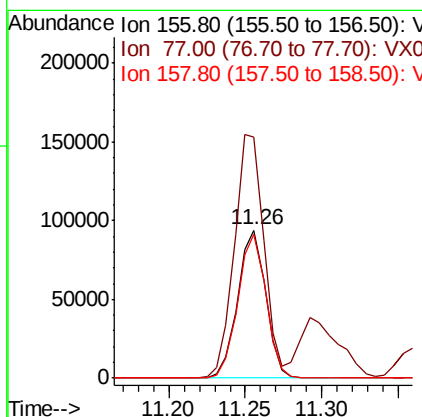
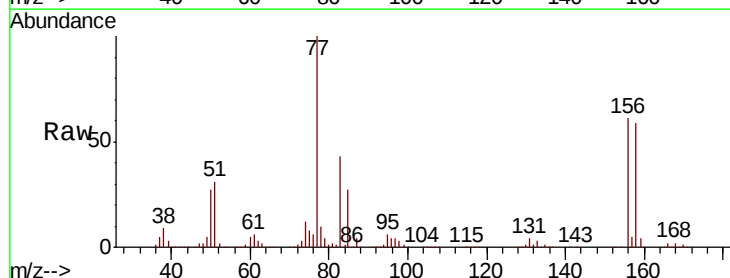
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

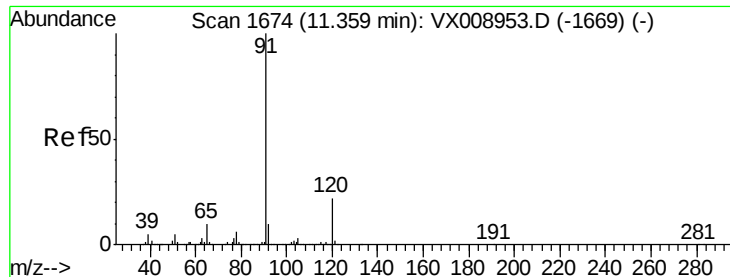
Tgt Ion: 75 Resp: 218907
Ion Ratio Lower Upper
75 100
77 31.5 22.7 68.0



#77
Bromobenzene
Concen: 51.066 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion: 156 Resp: 119671
Ion Ratio Lower Upper
156 100
77 172.6 85.4 256.1
158 97.0 48.8 146.4





#78

n-propylbenzene

Concen: 54.000 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampled :

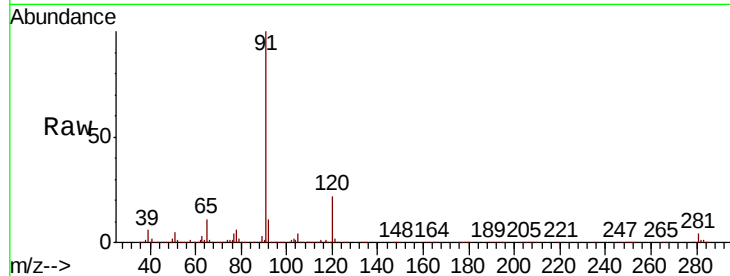
S37-0016MS

Tgt Ion: 91 Resp: 575677

Ion Ratio Lower Upper

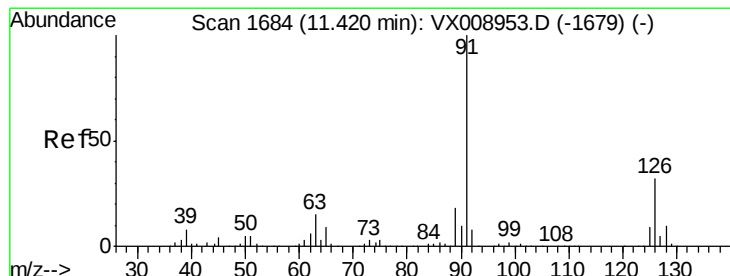
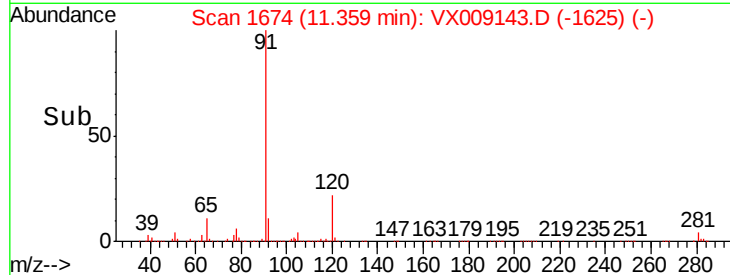
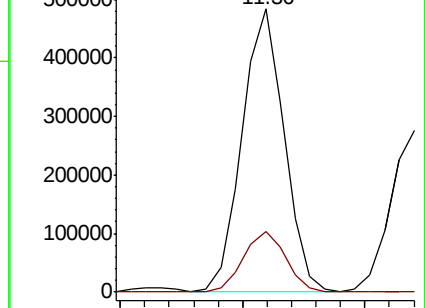
91 100

120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 52.635 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009143.D

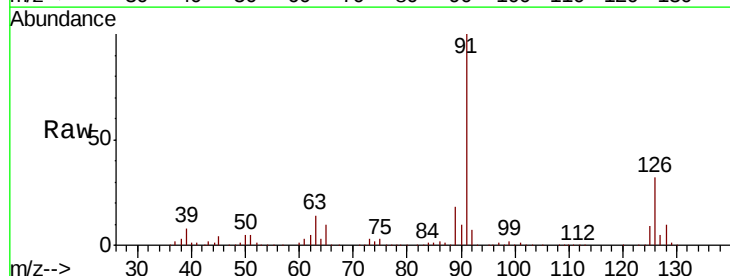
Acq: 24 Apr 2019 14:24

Tgt Ion: 91 Resp: 338132

Ion Ratio Lower Upper

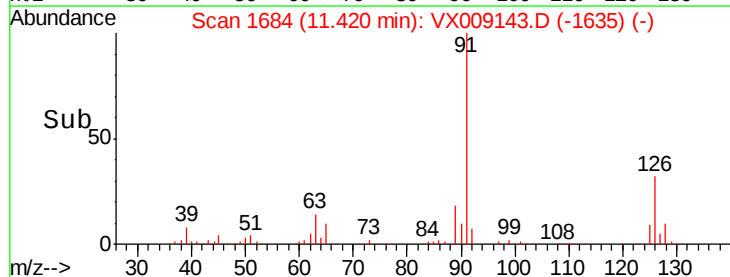
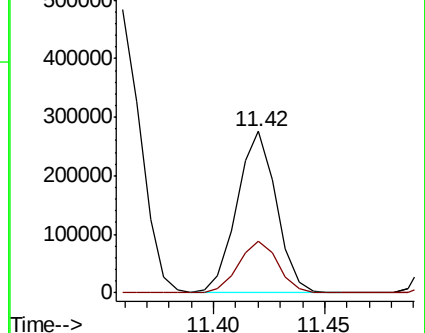
91 100

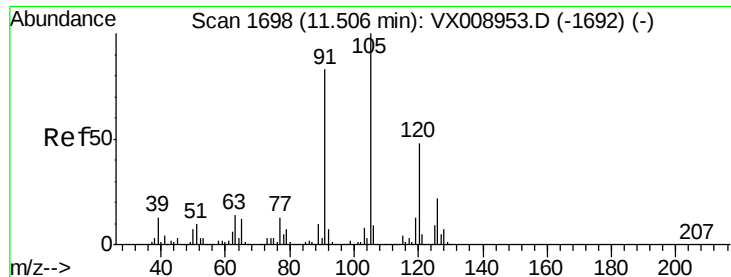
126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

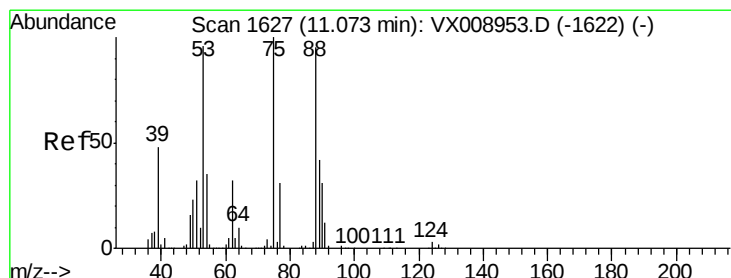
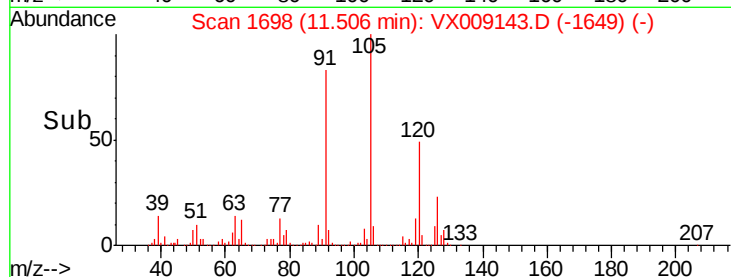
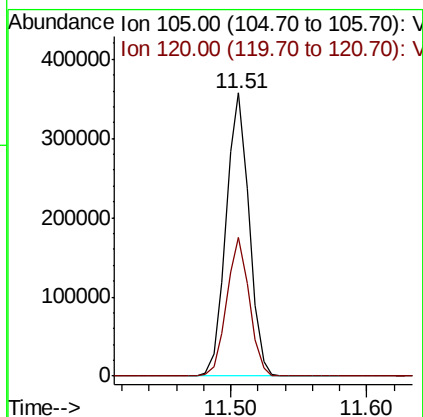
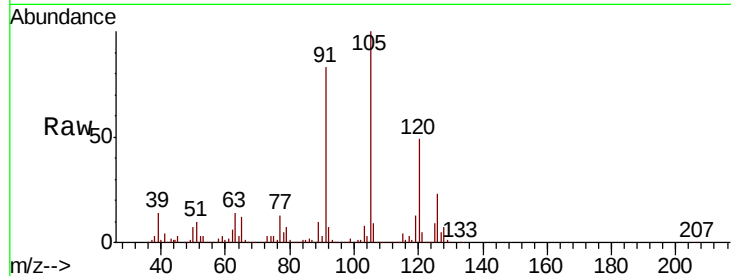




#80
 1,3,5-Trimethylbenzene
 Concen: 53.440 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

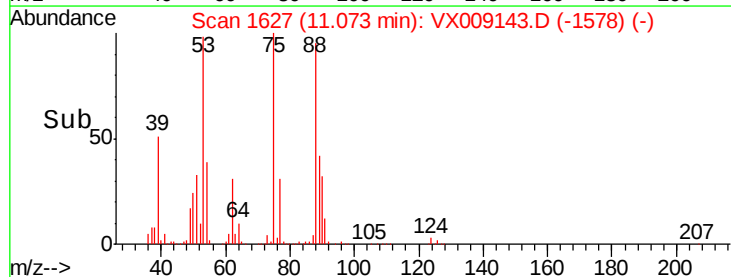
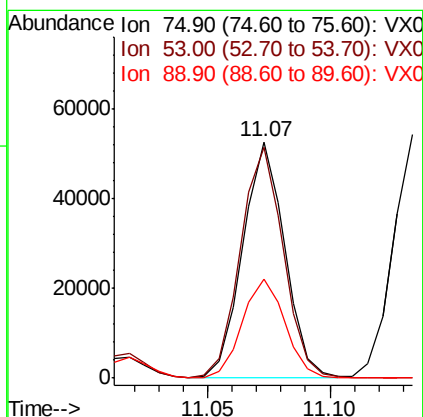
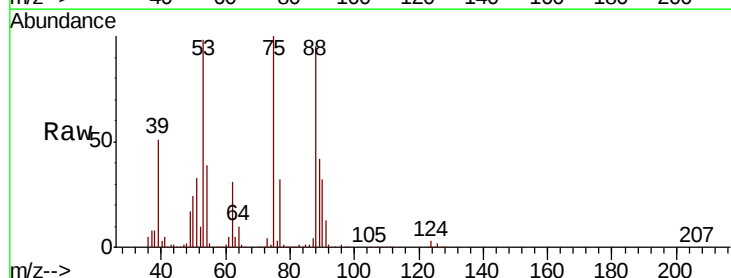
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0016MS

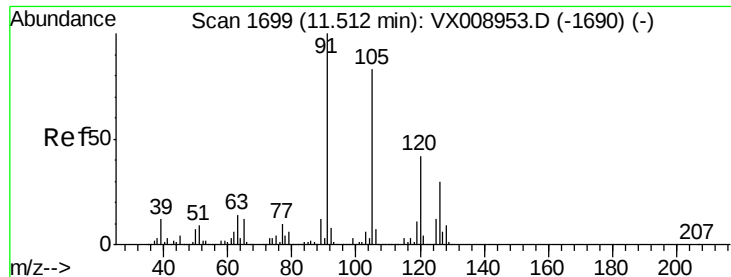
Tgt Ion: 105 Resp: 416518
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.592 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion: 75 Resp: 62460
 Ion Ratio Lower Upper
 75 100
 53 100.7 78.2 117.4
 89 43.1 36.0 54.0

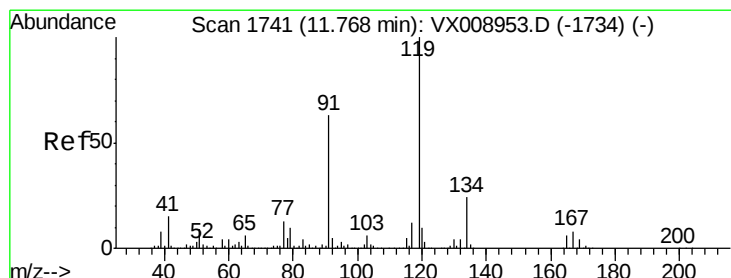
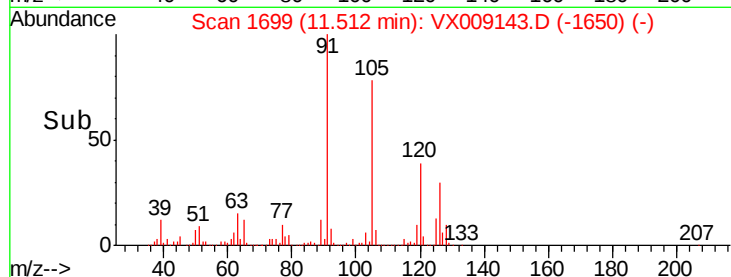
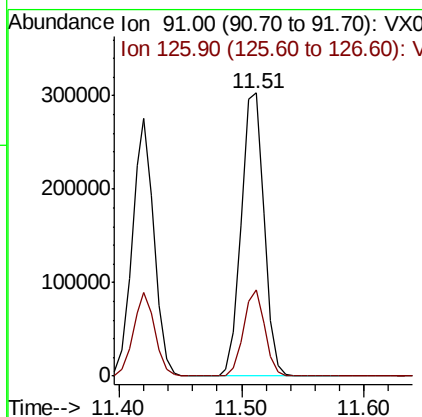
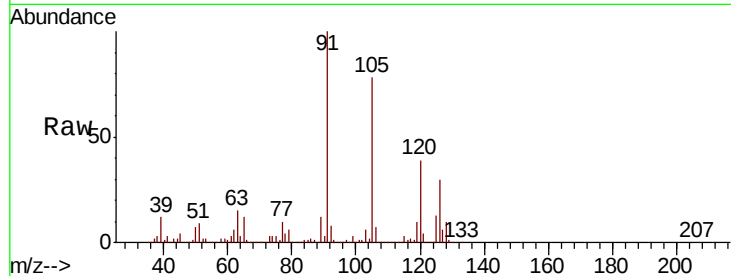




#82
4-Chlorotoluene
Concen: 52.407 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

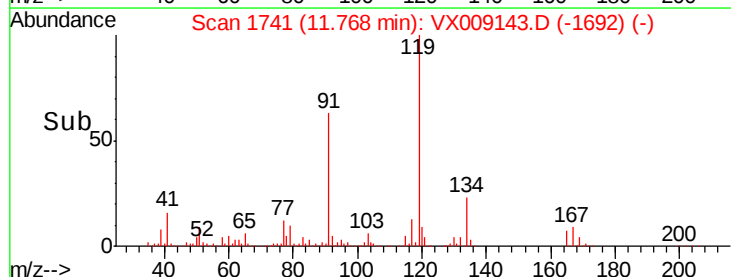
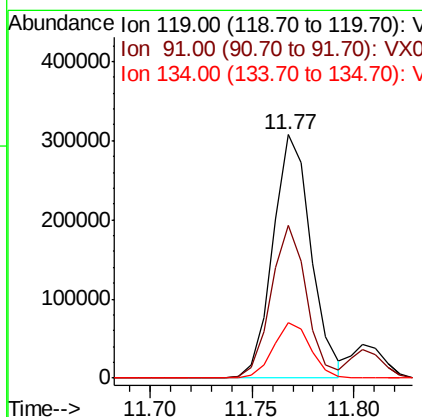
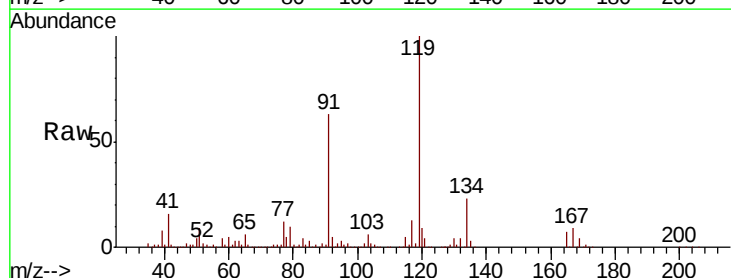
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

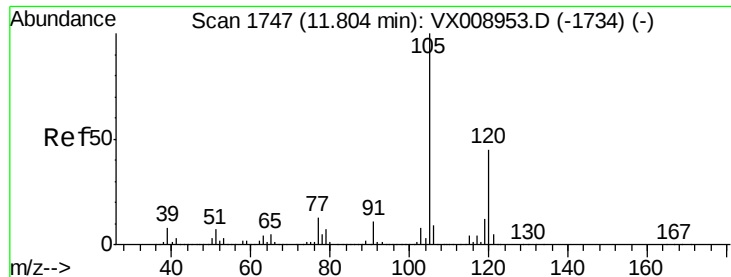
Tgt Ion: 91 Resp: 391000
Ion Ratio Lower Upper
91 100
126 28.5 14.3 42.9



#83
tert-Butylbenzene
Concen: 53.625 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion: 119 Resp: 401283
Ion Ratio Lower Upper
119 100
91 58.5 29.7 89.1
134 22.2 11.2 33.5

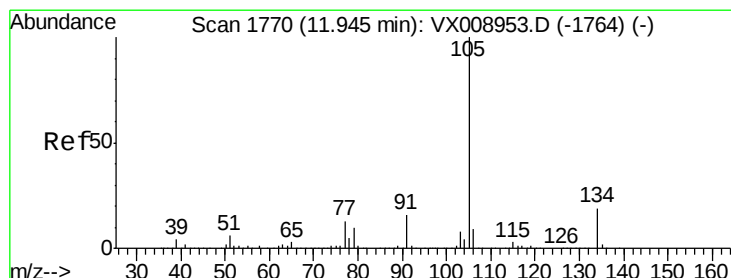
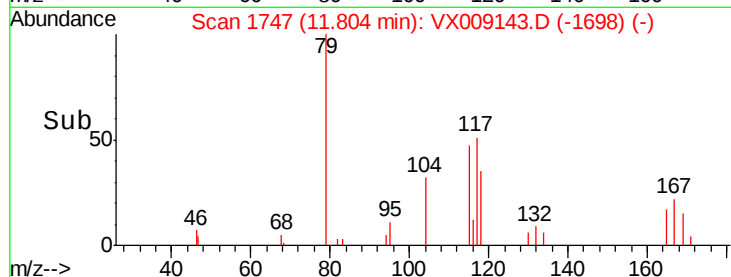
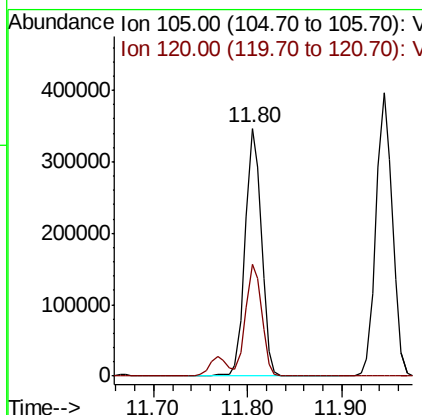
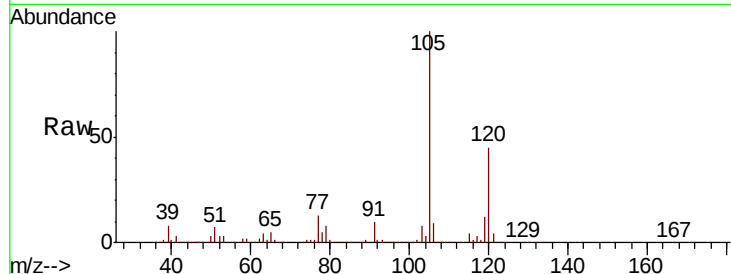




#84
 1,2,4-Trimethylbenzene
 Concen: 52.750 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

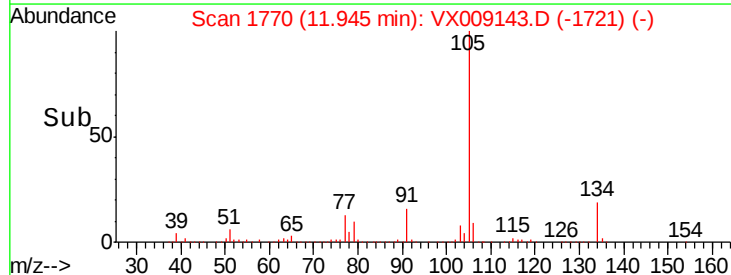
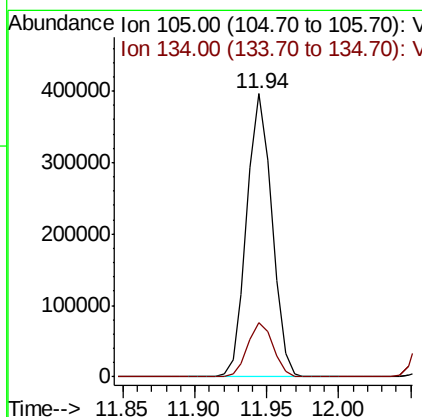
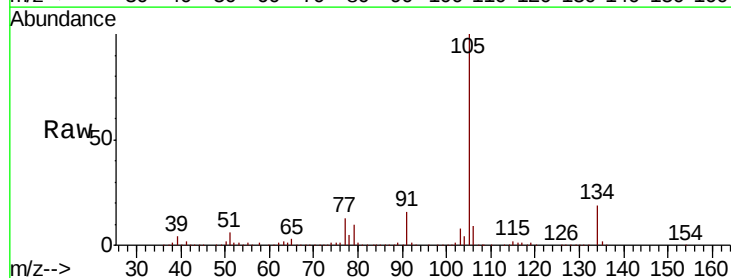
Instrument :
 MSVOA_X
 ClientSampled :
 S37-0016MS

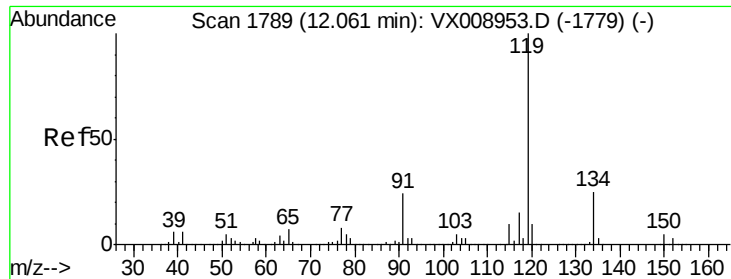
Tgt Ion:105 Resp: 418511
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 53.689 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Tgt Ion:105 Resp: 479169
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6





#86

p-Isopropyltoluene

Concen: 53.293 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

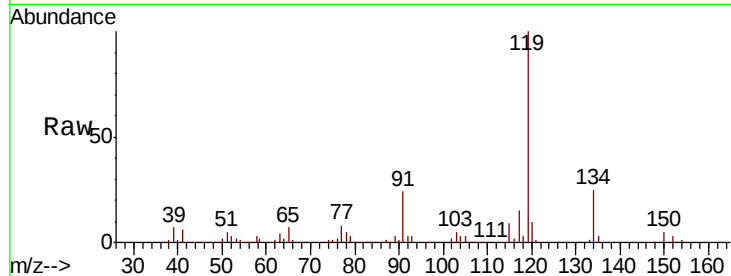
Tgt Ion:119 Resp: 437287

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

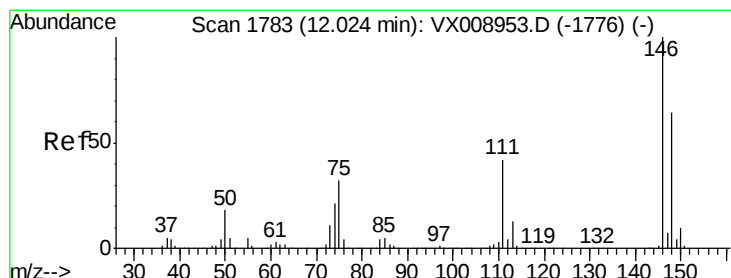
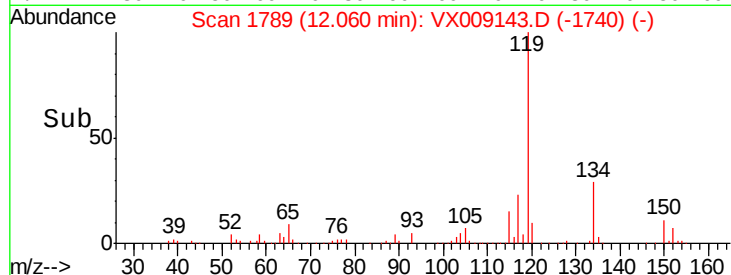
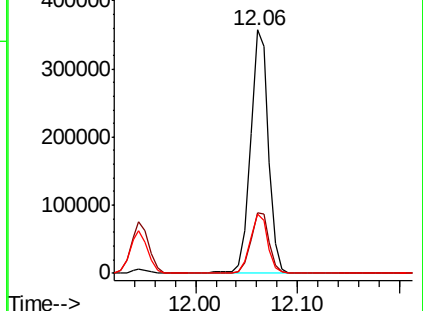
91 24.0 11.9 35.5



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



#87

1,3-Dichlorobenzene

Concen: 51.390 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

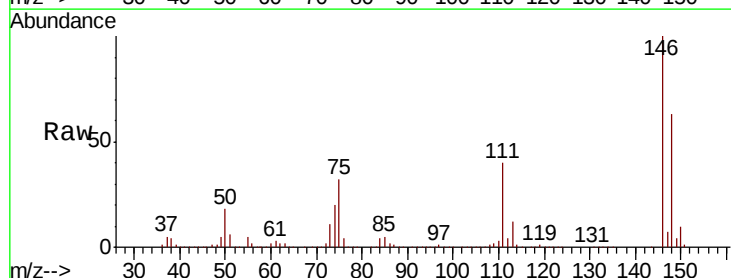
Tgt Ion:146 Resp: 210781

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

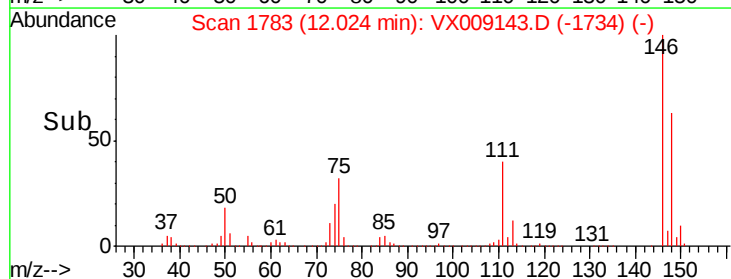
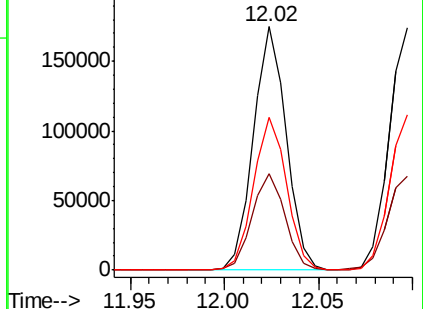
148 63.7 32.2 96.6

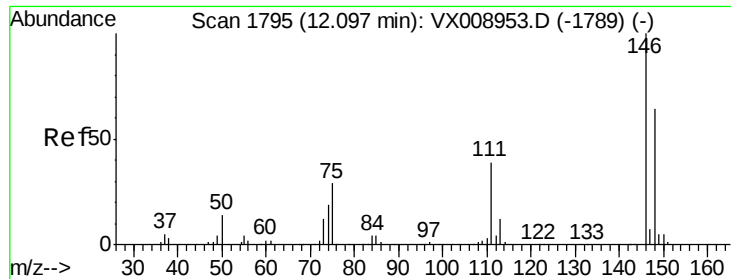


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 50.767 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

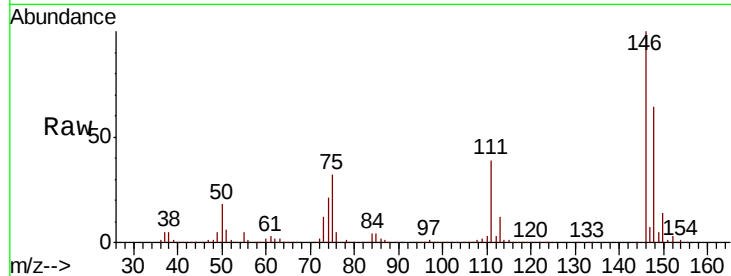
Tgt Ion:146 Resp: 211077

Ion Ratio Lower Upper

146 100

111 39.8 20.0 59.9

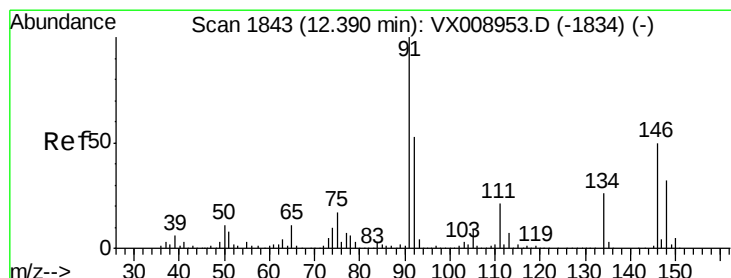
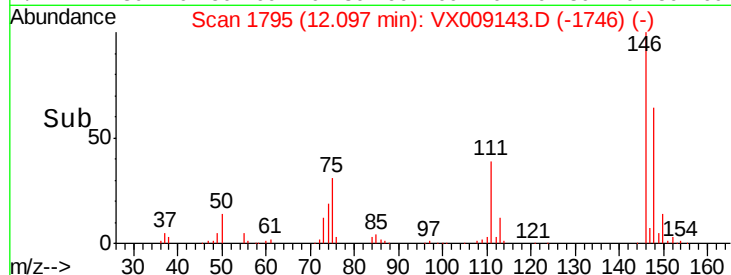
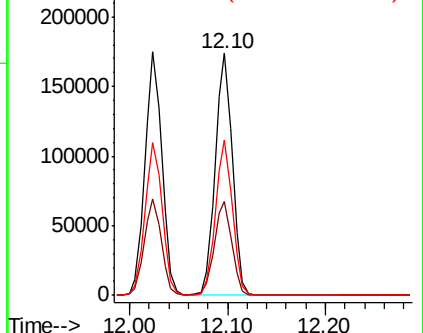
148 63.7 32.2 96.6



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: 53.088 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

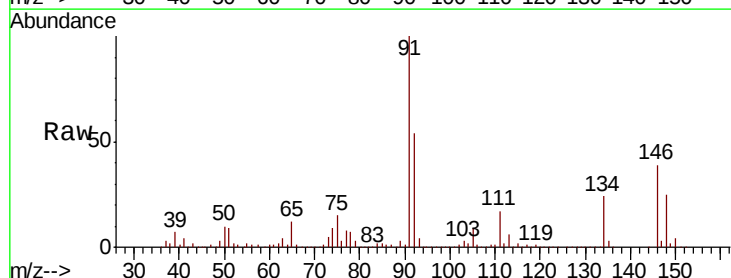
Tgt Ion: 91 Resp: 405683

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.8

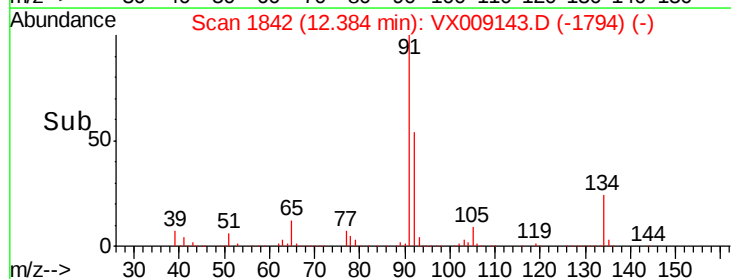
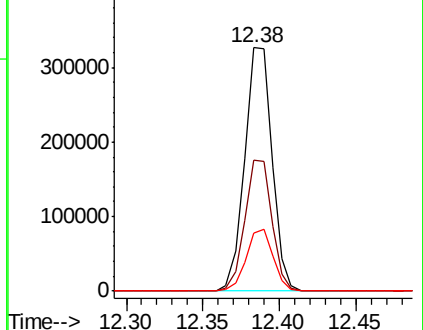
134 24.9 12.4 37.2

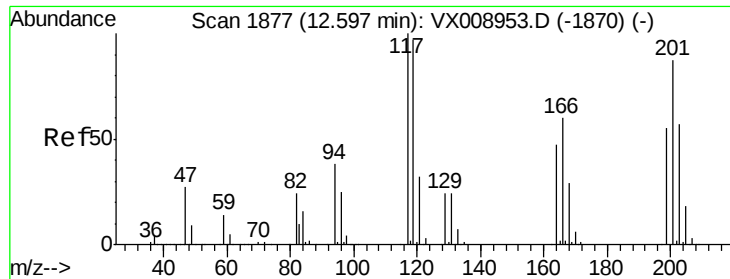


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

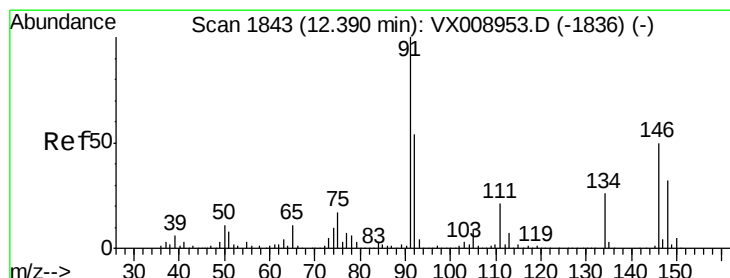
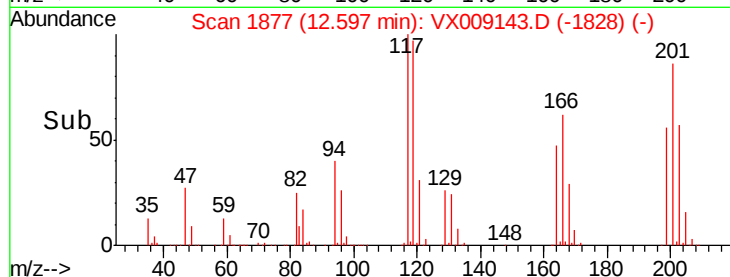
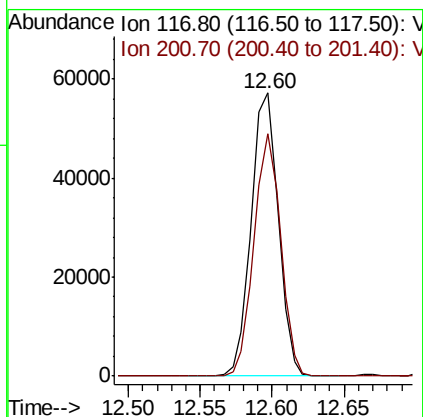
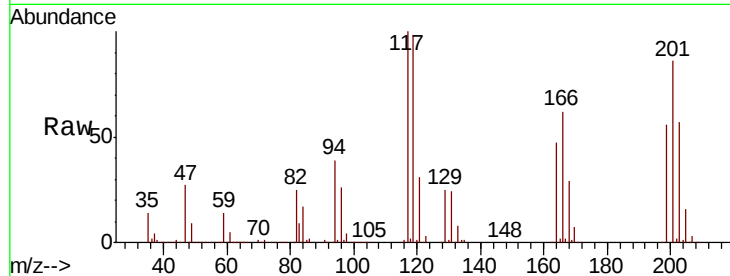




#90
Hexachloroethane
Concen: 54.750 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

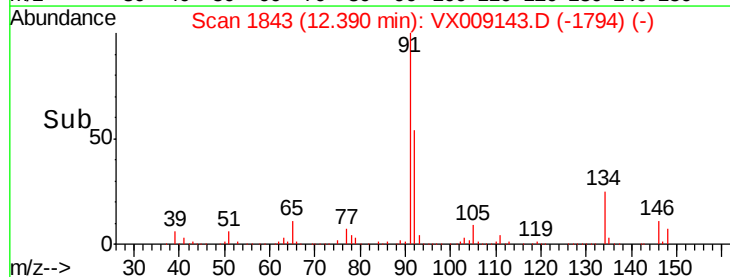
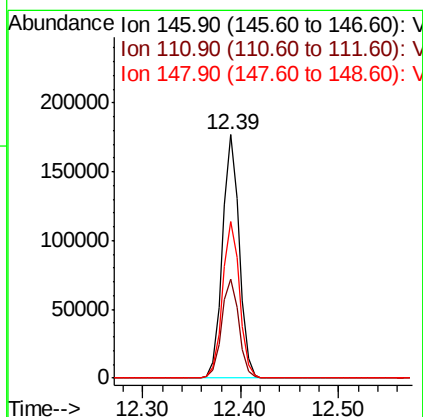
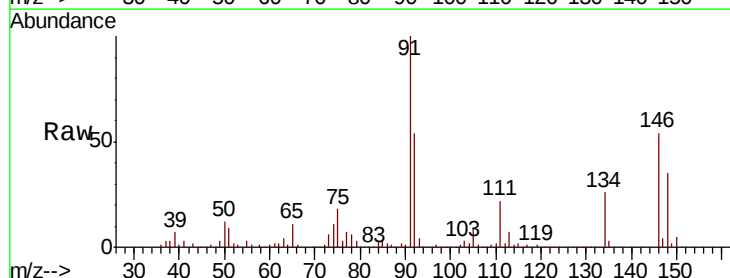
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

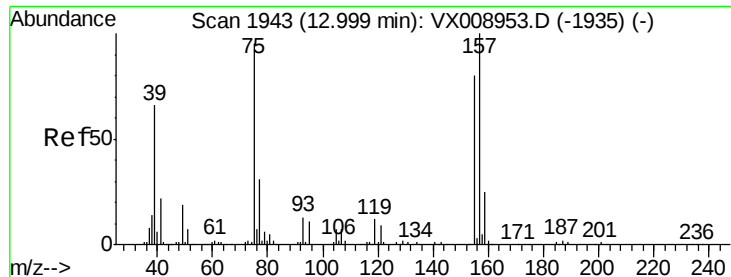
Tgt Ion:117 Resp: 74104
Ion Ratio Lower Upper
117 100
201 84.2 43.0 129.0



#91
1,2-Dichlorobenzene
Concen: 51.836 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009143.D
Acq: 24 Apr 2019 14:24

Tgt Ion:146 Resp: 209946
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 65.0 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.147 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

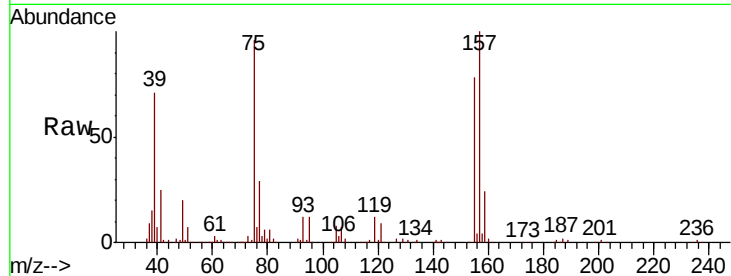
Tgt Ion: 75 Resp: 41839

Ion Ratio Lower Upper

75 100

155 82.6 41.2 123.6

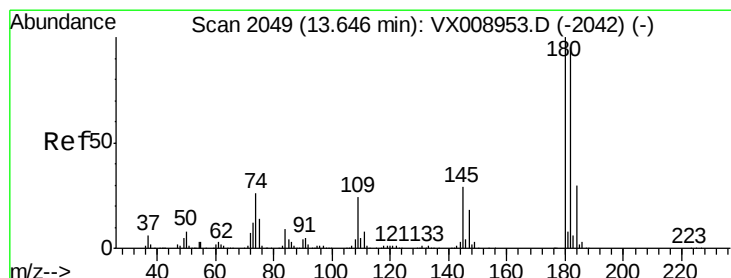
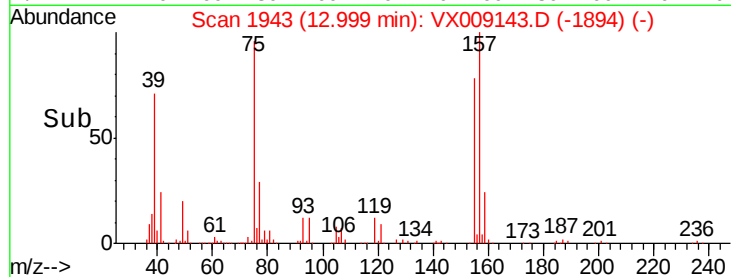
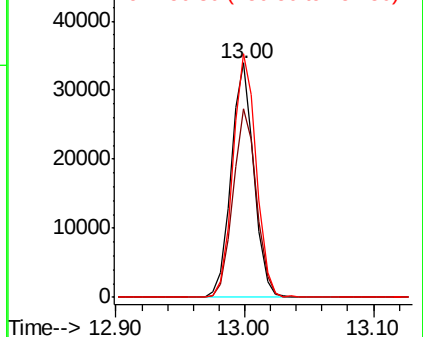
157 106.0 52.5 157.6



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: 51.910 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

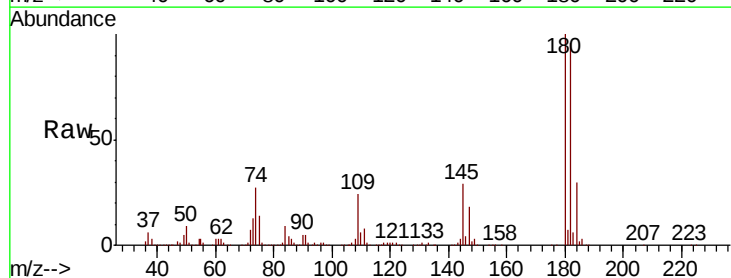
Tgt Ion: 180 Resp: 151767

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

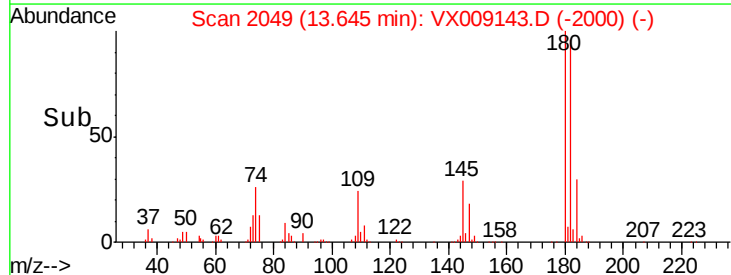
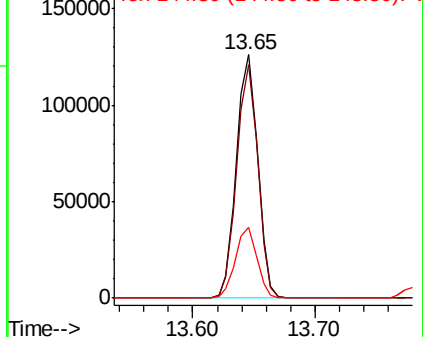
145 29.5 14.8 44.4

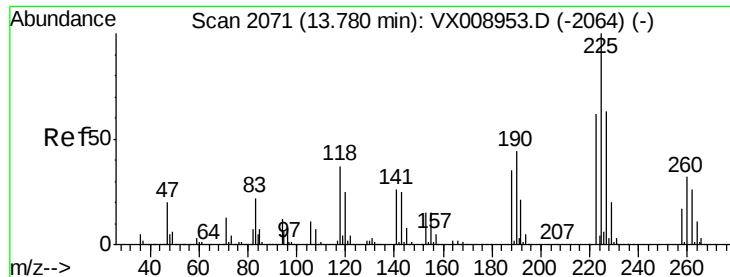


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 52.902 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

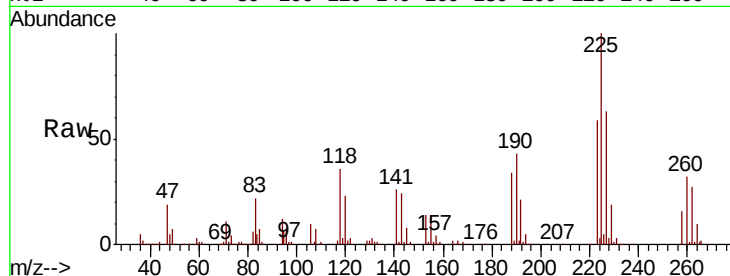
Tgt Ion:225 Resp: 77141

Ion Ratio Lower Upper

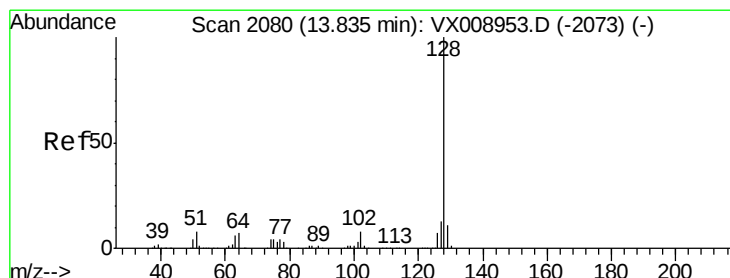
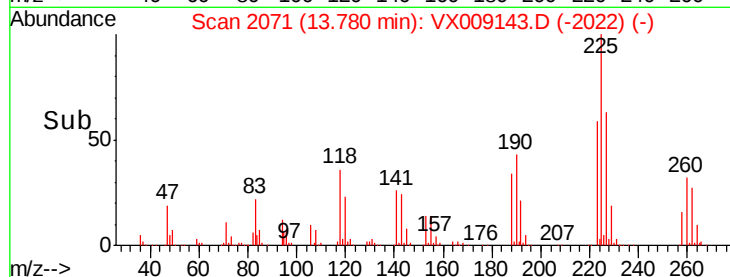
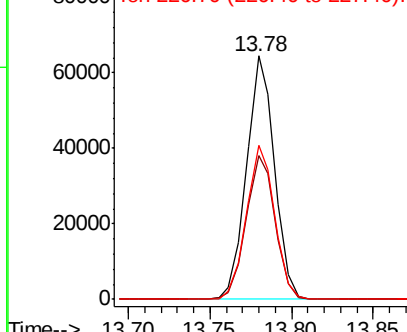
225 100

223 61.0 31.1 93.2

227 63.8 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.658 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009143.D

Acq: 24 Apr 2019 14:24

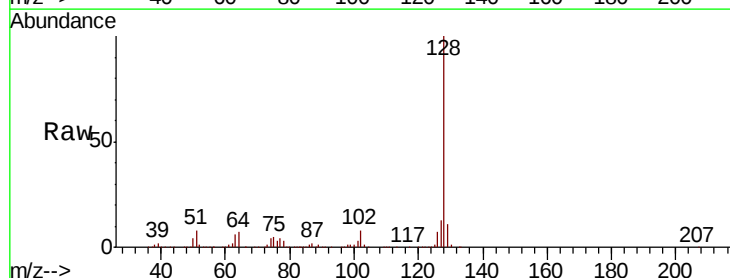
Tgt Ion:128 Resp: 502611

Ion Ratio Lower Upper

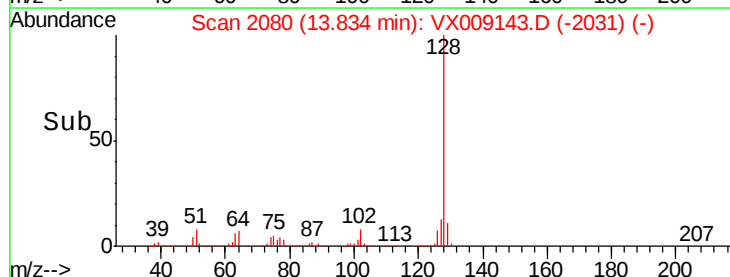
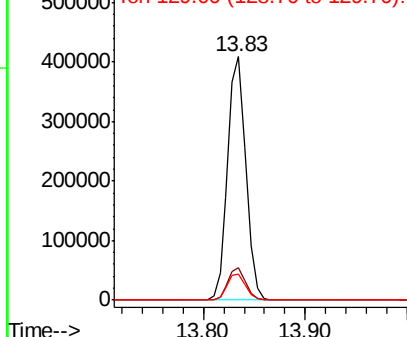
128 100

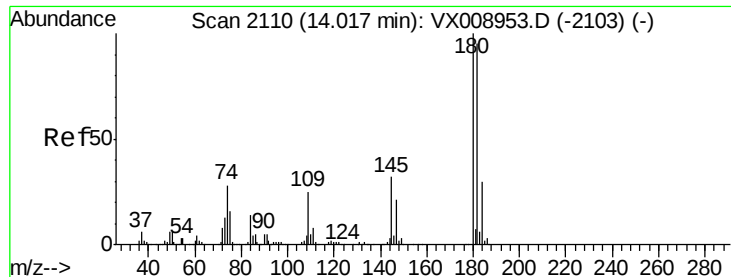
127 13.1 10.6 16.0

129 10.8 8.6 13.0



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





#96
 1,2,3-Trichlorobenzene
 Concen: 52.319 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009143.D
 Acq: 24 Apr 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

Tgt Ion	Resp	Lower	Upper
180	150926		
182	95.2	47.8	143.4
145	31.1	15.8	47.3

