

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009172.D
 Acq On : 25 Apr 2019 19:03
 Operator : JC/SP
 Sample : K2535-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

Quant Time: Apr 26 04:41:43 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	189517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135900	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	126690	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
35) Dibromofluoromethane	5.50	113	92925	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
50) Toluene-d8	8.71	98	366117	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	11.13	95	135366	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	107890	49.426	ug/l	99
3) Chloromethane	1.32	50	133105	49.668	ug/l	99
4) Vinyl Chloride	1.40	62	125956	48.290	ug/l	100
5) Bromomethane	1.64	94	67368	41.919	ug/l	98
6) Chloroethane	1.71	64	75579	49.276	ug/l	97
7) Trichlorofluoromethane	1.92	101	146058	47.961	ug/l	99
8) Diethyl Ether	2.19	74	67230	48.273	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90032	46.239	ug/l	100
10) Methyl Iodide	2.51	142	104913	49.344	ug/l	100
11) Tert butyl alcohol	3.06	59	164723	277.848	ug/l	98
12) 1,1-Dichloroethene	2.37	96	92818	45.670	ug/l	99
13) Acrolein	2.29	56	116118	226.683	ug/l	100
14) Allyl chloride	2.73	41	219090	49.412	ug/l	98
15) Acrylonitrile	3.14	53	398816	265.003	ug/l	100
16) Acetone	2.45	43	347452	250.862	ug/l	99
17) Carbon Disulfide	2.57	76	264571	44.443	ug/l	99
18) Methyl Acetate	2.78	43	157232	45.486	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	355614	49.108	ug/l	100
20) Methylene Chloride	2.85	84	112217	47.378	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	97709	45.074	ug/l	96
22) Diisopropyl ether	3.85	45	432934	50.248	ug/l	97
23) Vinyl Acetate	3.82	43	1692320	223.445	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209496	48.438	ug/l	99
25) 2-Butanone	4.68	43	587840	265.525	ug/l	100
26) 2,2-Dichloropropane	4.58	77	122629	37.825	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	115912	47.096	ug/l	98
28) Bromochloromethane	5.01	49	91340	50.878	ug/l	99
29) Tetrahydrofuran	5.13	42	392385	264.804	ug/l	99
30) Chloroform	5.21	83	188372	48.671	ug/l	99
31) Cyclohexane	5.58	56	203120	47.749	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	155268	48.404	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143724	44.216	ug/l	99
37) Ethyl Acetate	4.84	43	193593	46.285	ug/l	99
38) Carbon Tetrachloride	5.78	117	128377	46.587	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	186049	47.011	ug/l	98
40) Benzene	6.14	78	450069	46.935	ug/l	100
41) Methacrylonitrile	5.04	41	122831	51.168	ug/l	99
42) 1,2-Dichloroethane	6.20	62	161614	47.578	ug/l	99
43) Isopropyl Acetate	6.45	43	311764	46.254	ug/l	99
44) Trichloroethene	7.21	130	104121	44.316	ug/l	97
45) 1,2-Dichloropropane	7.51	63	128302	48.229	ug/l	99
46) Dibromomethane	7.66	93	73488	47.467	ug/l	99
47) Bromodichloromethane	7.90	83	145683	47.976	ug/l	99
48) Methyl methacrylate	7.77	41	170846	51.298	ug/l	99
49) 1,4-Dioxane	7.74	88	60331	967.841	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1152967	268.502	ug/l	99
52) Toluene	8.79	92	269804	46.948	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163182	46.694	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	180314	46.079	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111815	49.092	ug/l	98
56) Ethyl methacrylate	9.18	69	204846	50.157	ug/l	98
57) 1,3-Dichloropropane	9.37	76	196519	48.459	ug/l	99
59) 2-Hexanone	9.49	43	905135	273.401	ug/l	99
60) Dibromochloromethane	9.59	129	109261	50.052	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113311	48.202	ug/l	99
64) Tetrachloroethene	9.34	164	90108	41.768	ug/l	98
65) Chlorobenzene	10.14	112	277044	46.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	100928	47.797	ug/l	99
67) Ethyl Benzene	10.25	91	513102	46.827	ug/l	99
68) m/p-Xylenes	10.36	106	376072	94.439	ug/l	99
69) o-Xylene	10.70	106	184412	47.594	ug/l	99
70) Styrene	10.71	104	321147	47.828	ug/l	99
71) Bromoform	10.86	173	82786	49.210	ug/l #	98
73) Isopropylbenzene	11.02	105	489375	47.507	ug/l	100
74) N-amyl acetate	10.90	43	269376	45.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	188732	50.144	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	217622	65.580	ug/l	80
77) Bromobenzene	11.26	156	119708	46.059	ug/l	99
78) n-propylbenzene	11.36	91	564538	47.748	ug/l	100
79) 2-Chlorotoluene	11.42	91	336522	47.233	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412919	47.768	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59197	45.798	ug/l	96
82) 4-Chlorotoluene	11.51	91	388860	46.995	ug/l	100
83) tert-Butylbenzene	11.77	119	397922	47.947	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	418272	47.536	ug/l	99
85) sec-Butylbenzene	11.94	105	475246	48.013	ug/l	100
86) p-Isopropyltoluene	12.06	119	431378	47.403	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211452	46.484	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210184	45.581	ug/l	100
89) n-Butylbenzene	12.38	91	387883	45.767	ug/l	100
90) Hexachloroethane	12.60	117	72776	48.481	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	216190	48.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43941	51.276	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	148968	45.942	ug/l	100

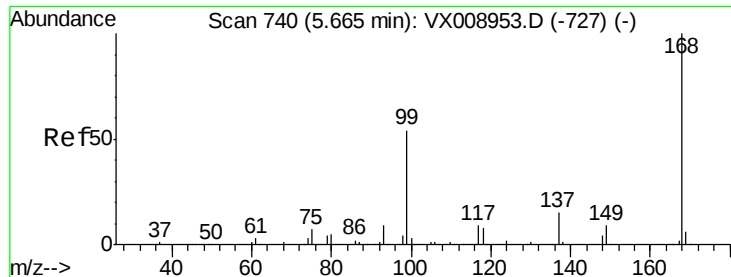
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	74030	45.776	ug/l	99
95) Naphthalene	13.83	128	505531	48.662	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	150580	47.066	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: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

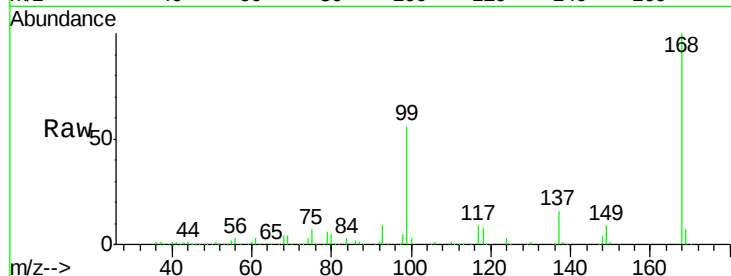
S37-0016MS

Tot Ion:168 Resp: 189517

Ion Ratio Lower Upper

168 100

99 55.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

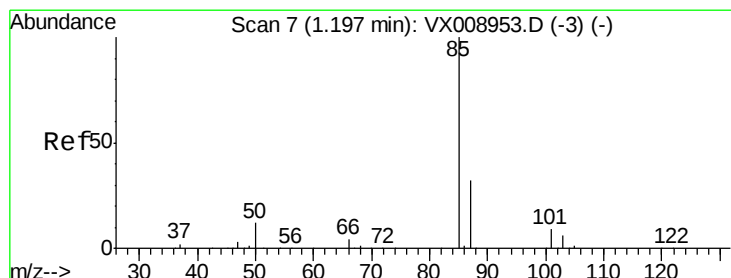
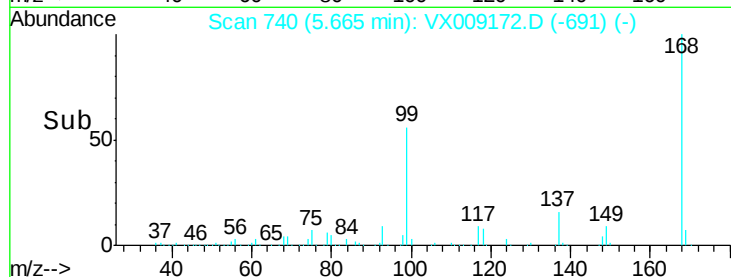
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.426 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009172.D

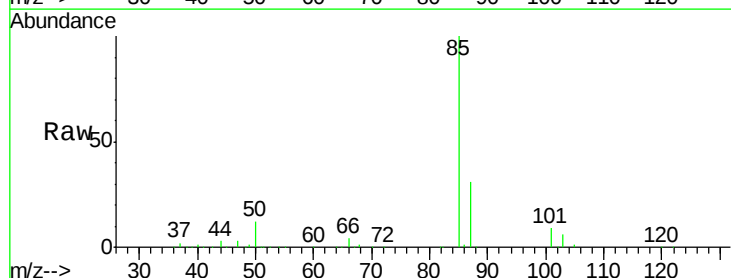
Acq: 25 Apr 2019 19:03

Tgt Ion: 85 Resp: 107890

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

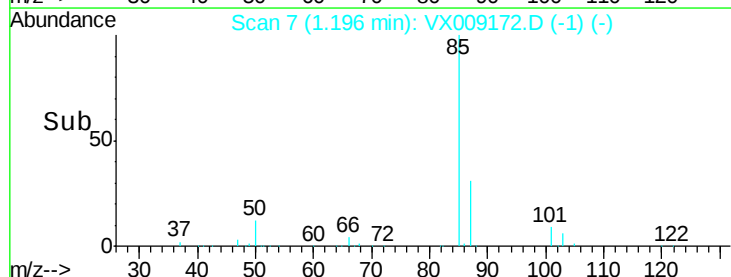
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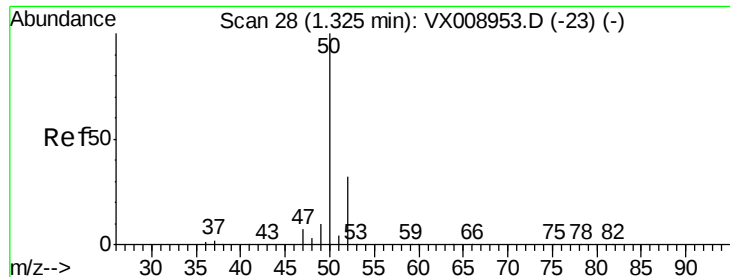
20000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 49.668 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

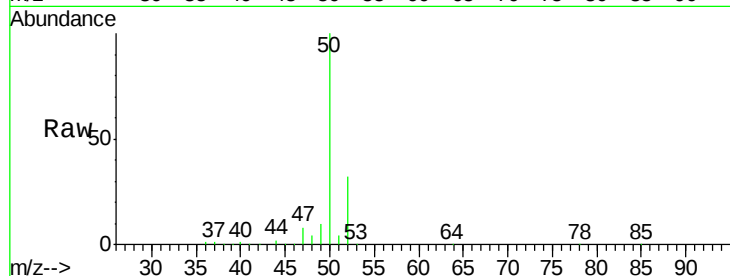
S37-0016MS

Tot Ion: 50 Resp: 133105

Ion Ratio Lower Upper

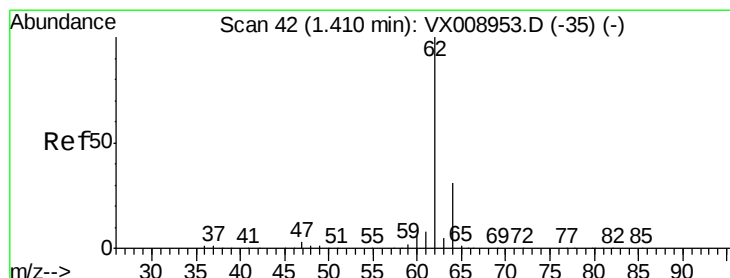
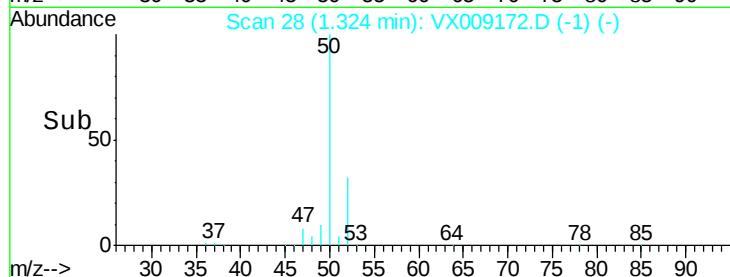
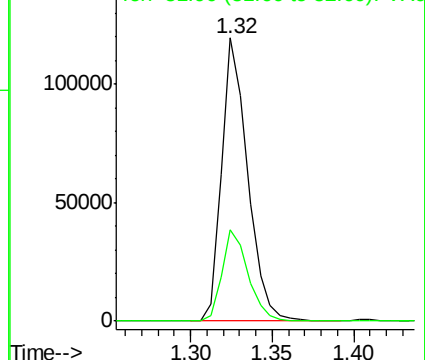
50 100

52 32.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.290 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009172.D

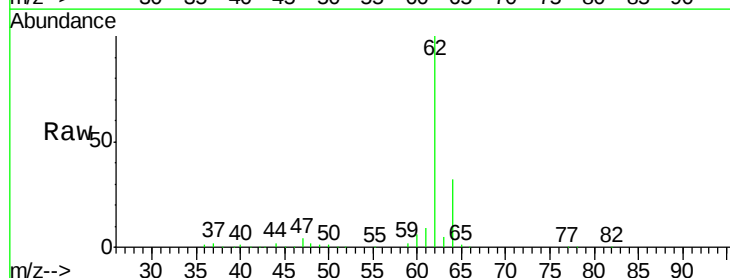
Acq: 25 Apr 2019 19:03

Tgt Ion: 62 Resp: 125956

Ion Ratio Lower Upper

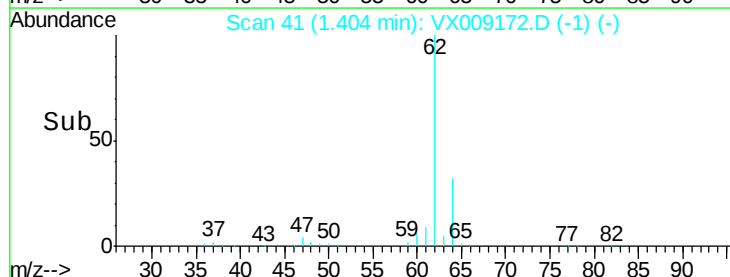
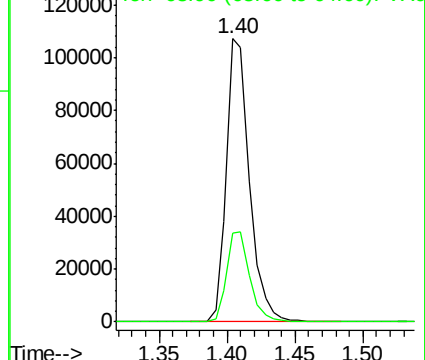
62 100

64 31.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.919 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

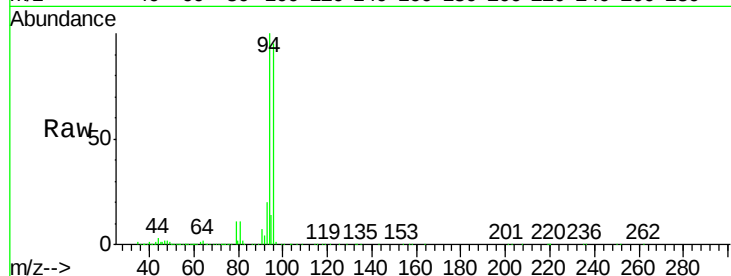
S37-0016MS

Tot Ion: 94 Resp: 67368

Ion Ratio Lower Upper

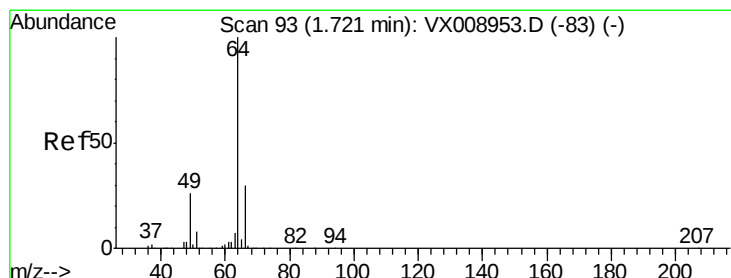
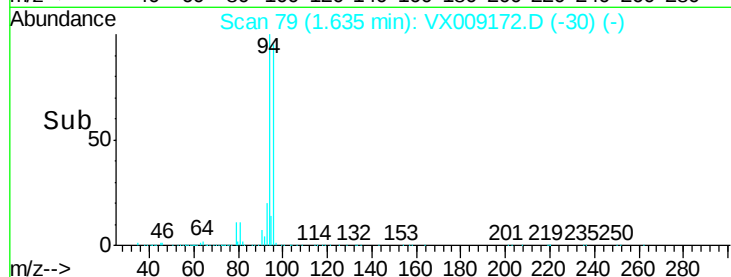
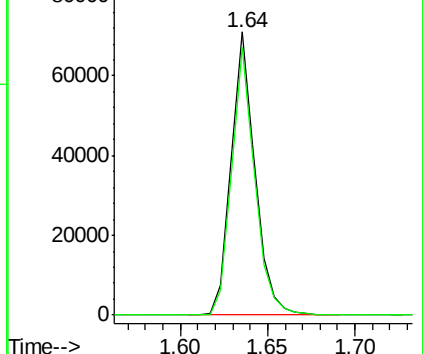
94 100

96 94.5 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: 49.276 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009172.D

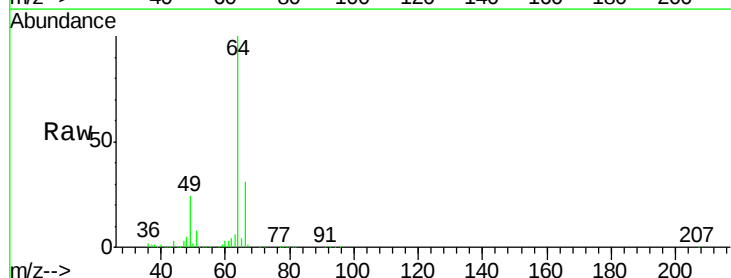
Acq: 25 Apr 2019 19:03

Tgt Ion: 64 Resp: 75579

Ion Ratio Lower Upper

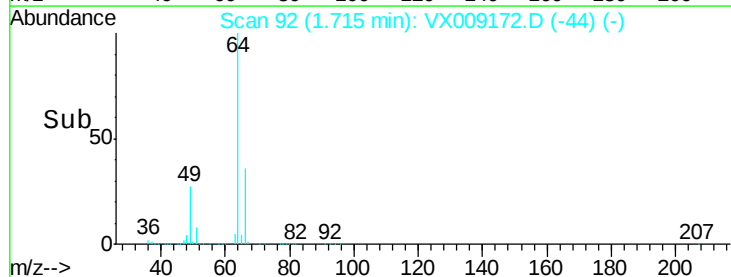
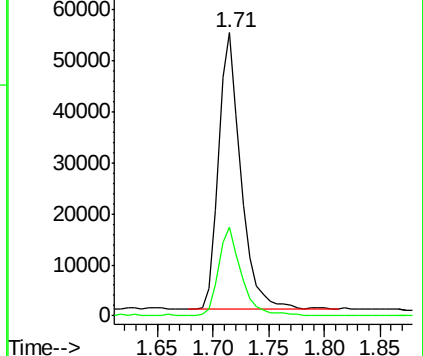
64 100

66 31.8 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



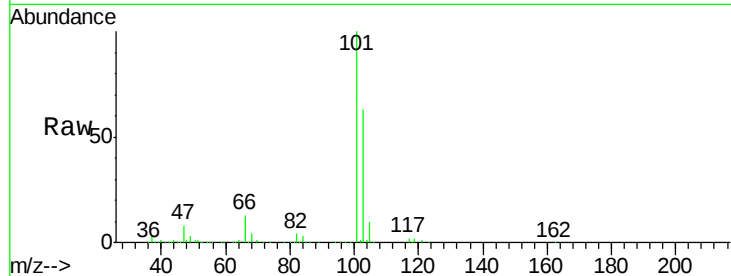


#7

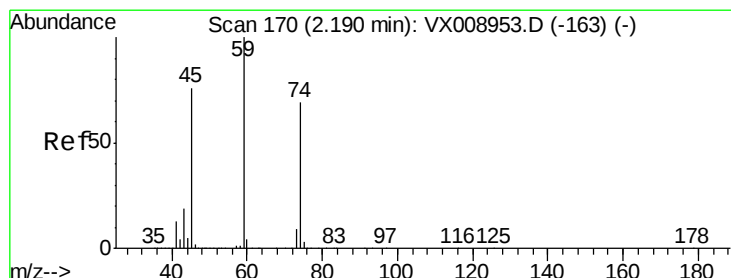
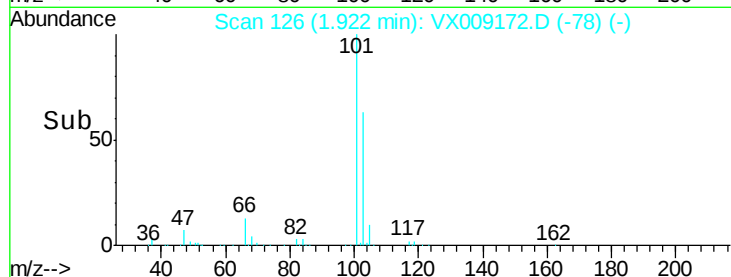
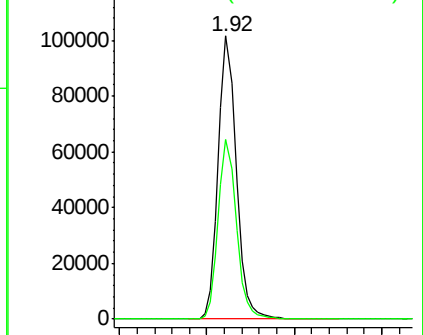
Trichlorofluoromethane
 Concen: 47.961 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Instrument :
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 ClientSampleId :
 S37-0016MS

Tot Ion:101 Resp: 146058
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.0 76.6



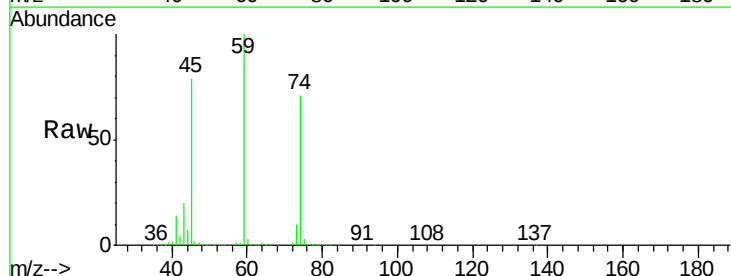
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



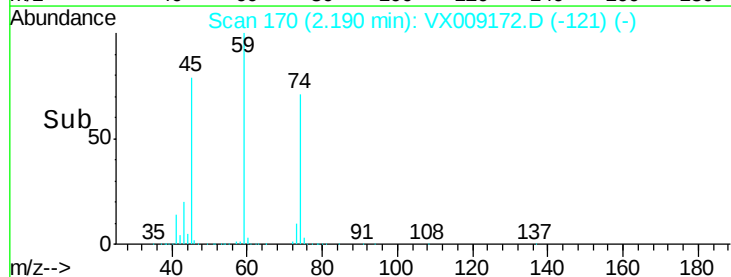
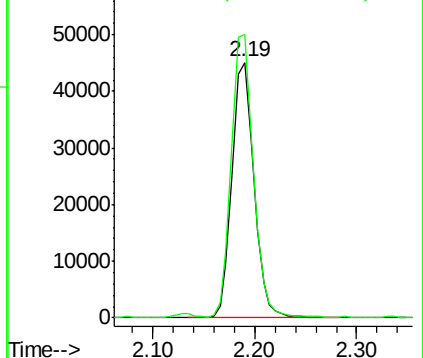
#8

Diethyl Ether
 Concen: 48.273 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Tgt Ion: 74 Resp: 67230
 Ion Ratio Lower Upper
 74 100
 45 110.3 54.9 164.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.239 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

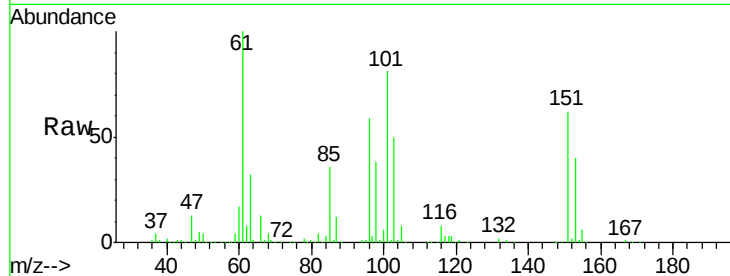
Tot Ion:101 Resp: 90032

Ion Ratio Lower Upper

101 100

85 45.2 35.7 53.5

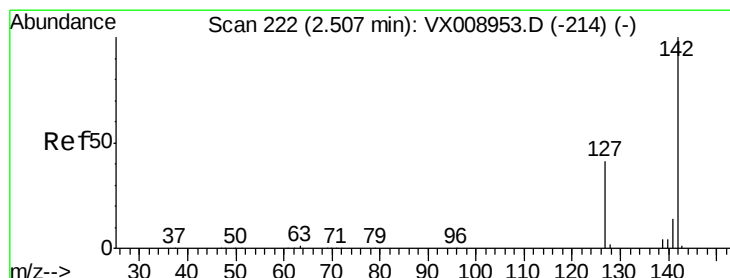
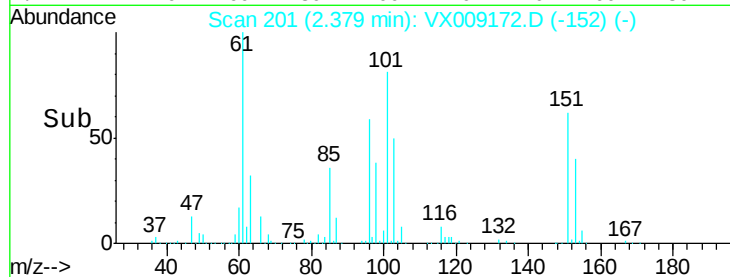
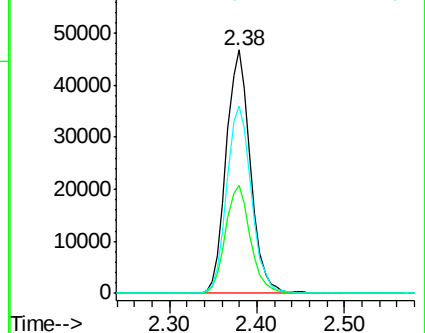
151 78.4 62.7 94.1



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: 49.344 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

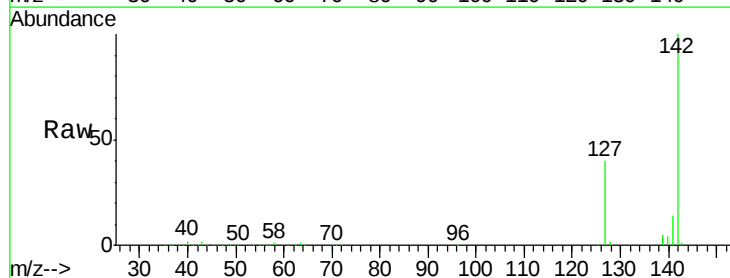
Tgt Ion:142 Resp: 104913

Ion Ratio Lower Upper

142 100

127 40.8 32.8 49.2

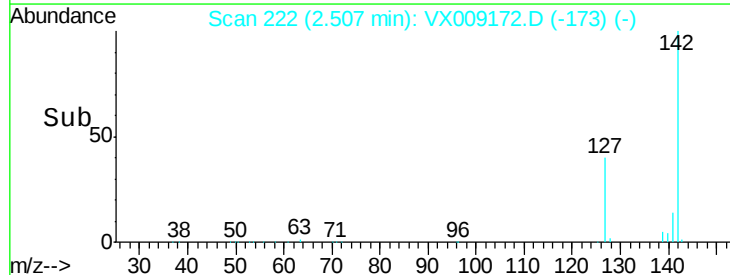
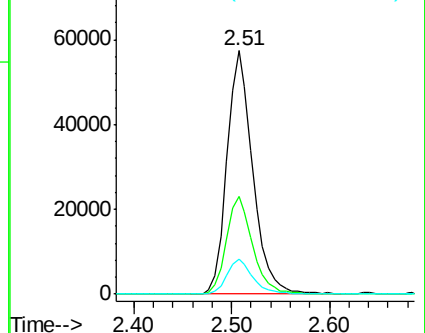
141 14.3 11.4 17.2

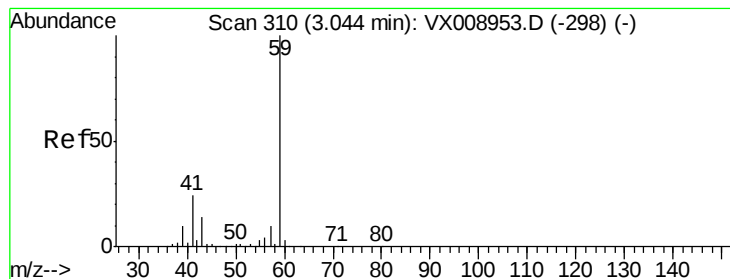


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



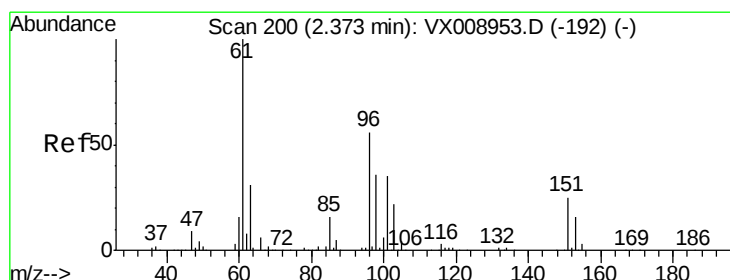
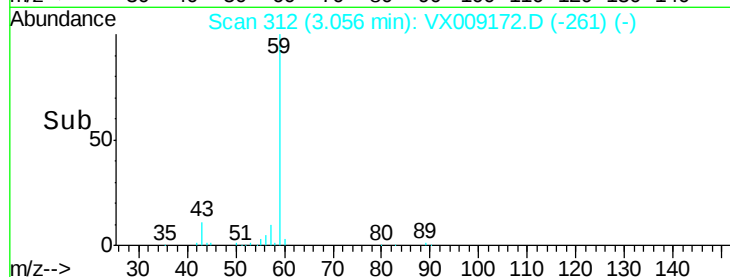
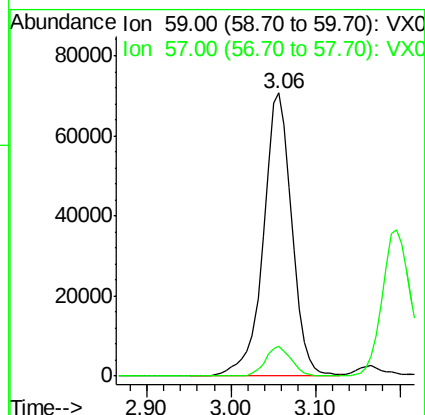
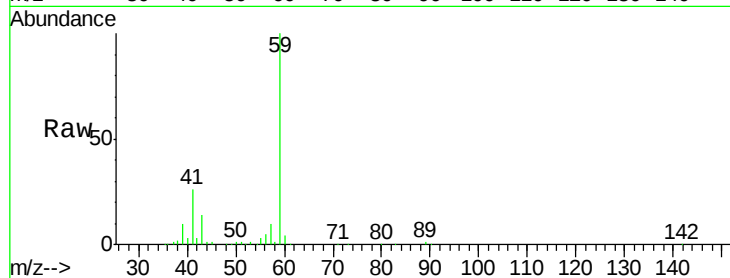


#11

Tert butyl alcohol
Concen: 277.848 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

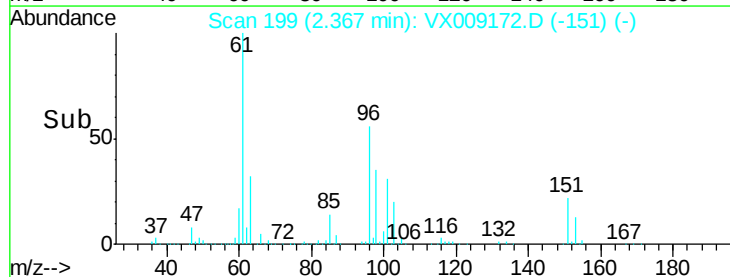
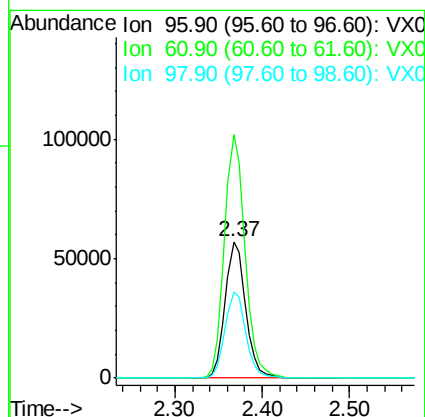
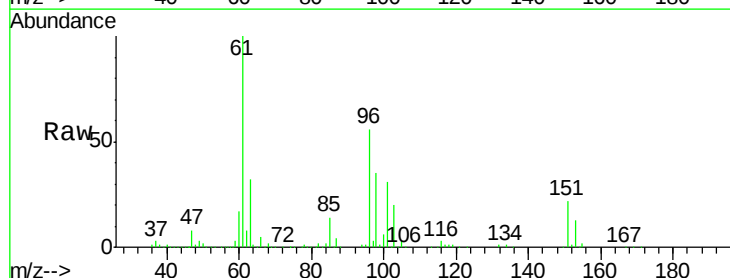
Tot Ion: 59 Resp: 164723
Ion Ratio Lower Upper
59 100
57 9.9 8.4 12.6

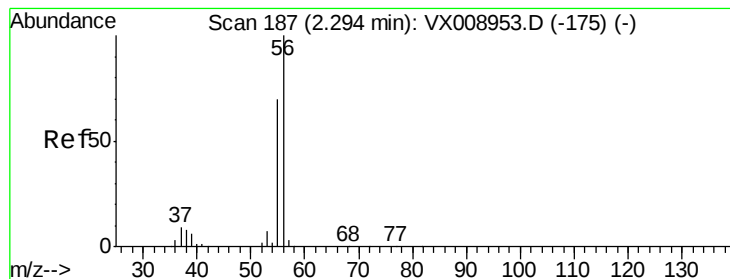


#12

1,1-Dichloroethene
Concen: 45.670 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 96 Resp: 92818
Ion Ratio Lower Upper
96 100
61 178.2 142.2 213.2
98 62.7 50.9 76.3





#13

Acrolein

Concen: 226.683 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

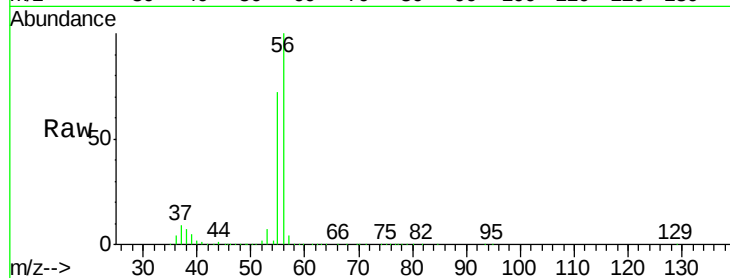
S37-0016MS

Tot Ion: 56 Resp: 116118

Ion Ratio Lower Upper

56 100

55 71.1 56.6 84.8

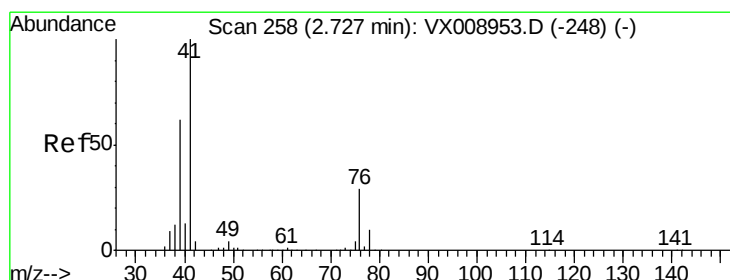
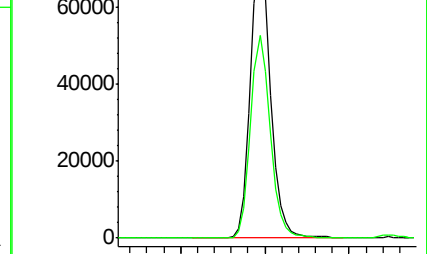
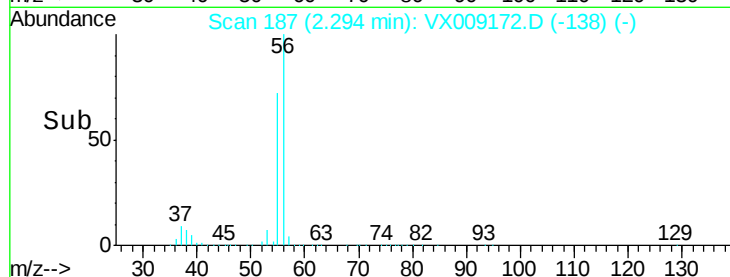


Abundance Ion 56.00 (55.70 to 56.70): VX008953.D (-175) (-)

Ion 55.00 (54.70 to 55.70): VX008953.D (-175) (-)

2.29

Time-->



#14

Allyl chloride

Concen: 49.412 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

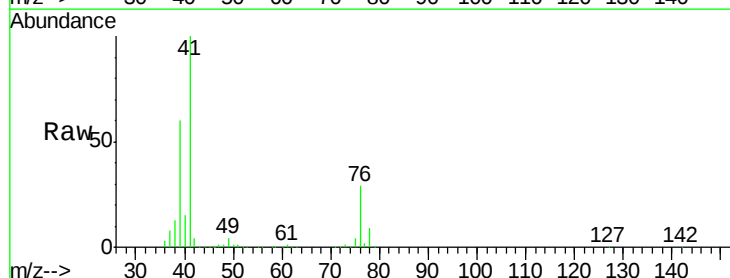
Tgt Ion: 41 Resp: 219090

Ion Ratio Lower Upper

41 100

39 57.1 46.7 70.1

76 26.2 22.0 33.0



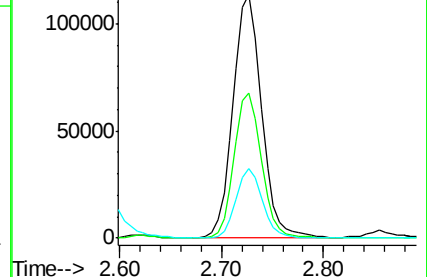
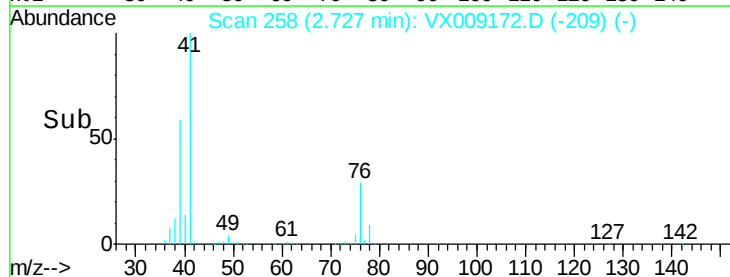
Abundance Ion 41.00 (40.70 to 41.70): VX008953.D (-248) (-)

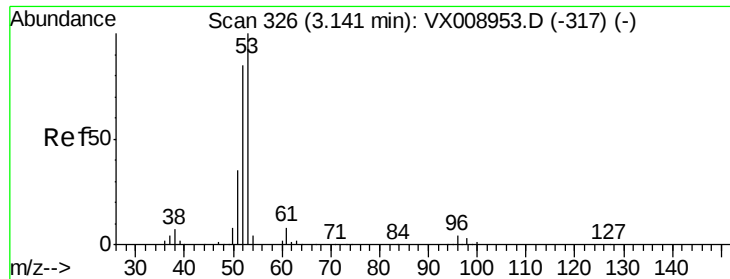
Ion 39.00 (38.70 to 39.70): VX008953.D (-248) (-)

Ion 75.90 (75.60 to 76.60): VX008953.D (-248) (-)

2.73

Time-->





#15

Acrylonitrile

Concen: 265.003 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

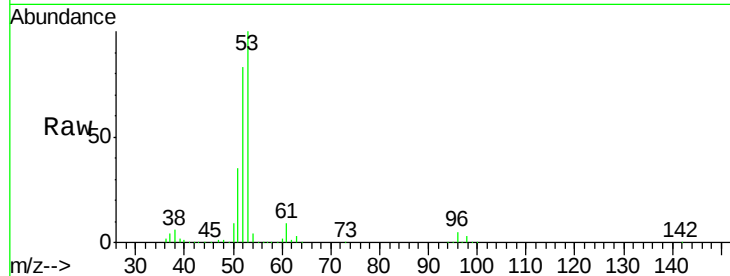
Tot Ion: 53 Resp: 398816

Ion Ratio Lower Upper

53 100

52 83.5 66.6 100.0

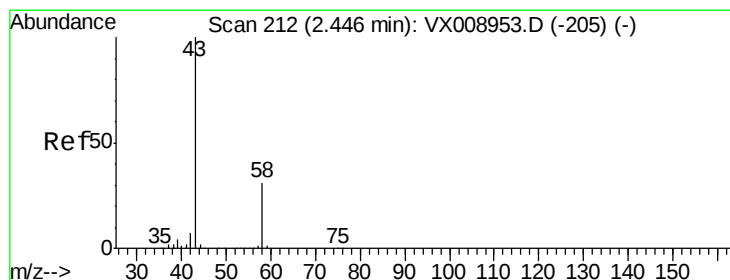
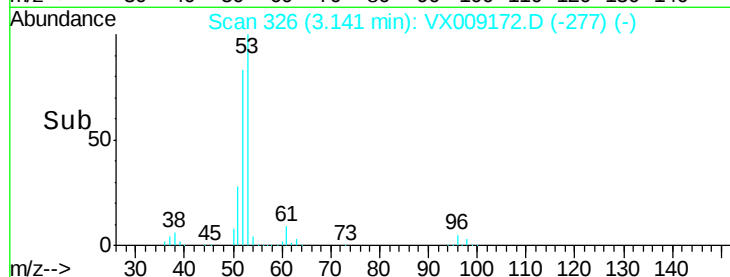
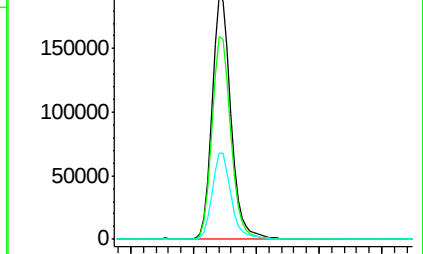
51 35.5 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX009172.D (-277) (-)

Ion 52.00 (51.70 to 52.70): VX009172.D (-277) (-)

Ion 51.00 (50.70 to 51.70): VX009172.D (-277) (-)



#16

Acetone

Concen: 250.862 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009172.D

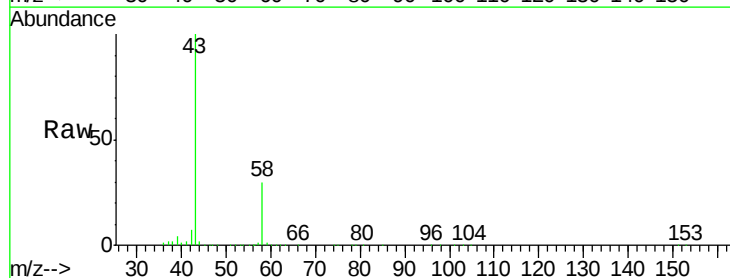
Acq: 25 Apr 2019 19:03

Tgt Ion: 43 Resp: 347452

Ion Ratio Lower Upper

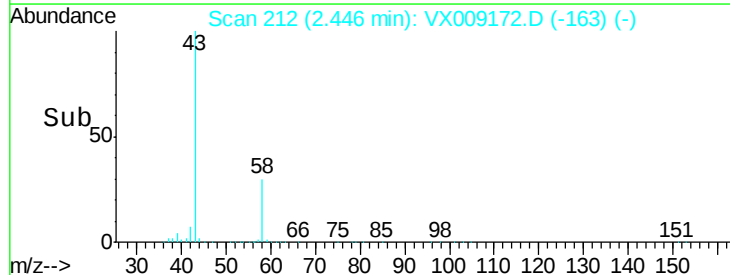
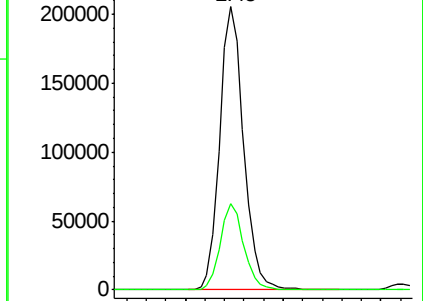
43 100

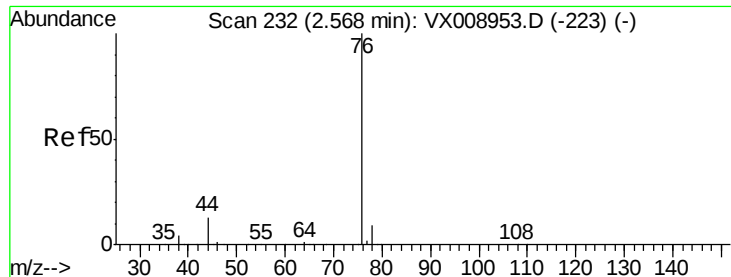
58 30.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX009172.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX009172.D (-163) (-)

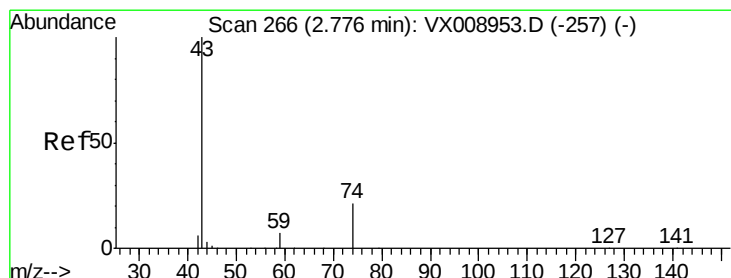
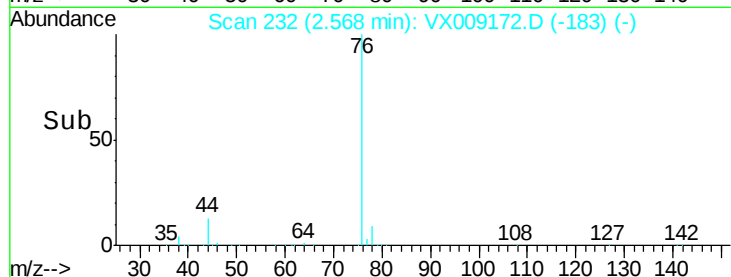
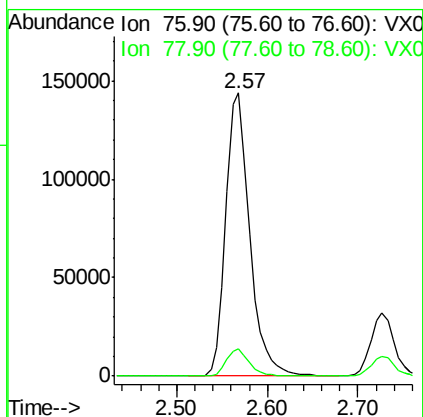
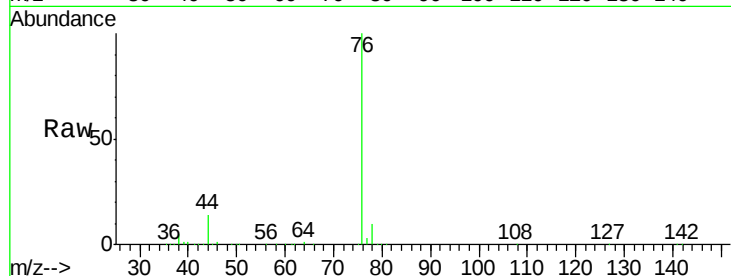




#17
Carbon Disulfide
Concen: 44.443 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

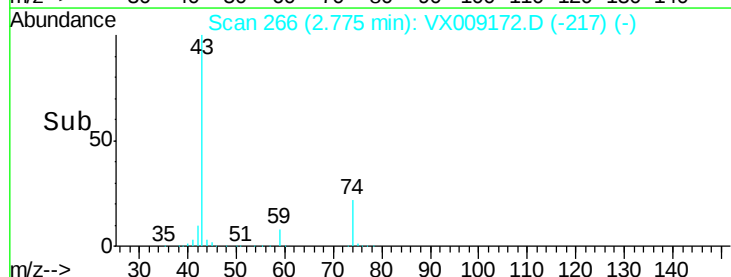
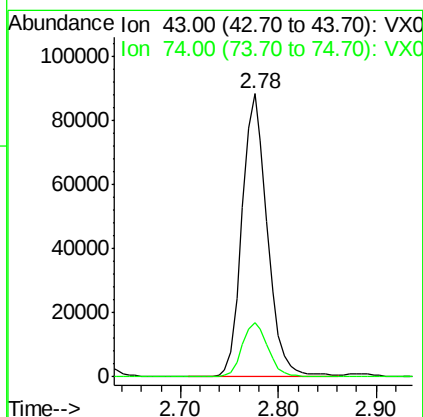
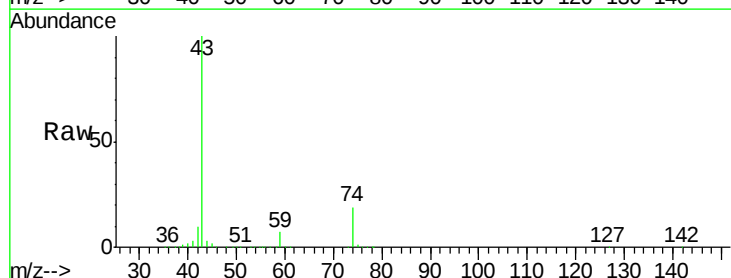
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

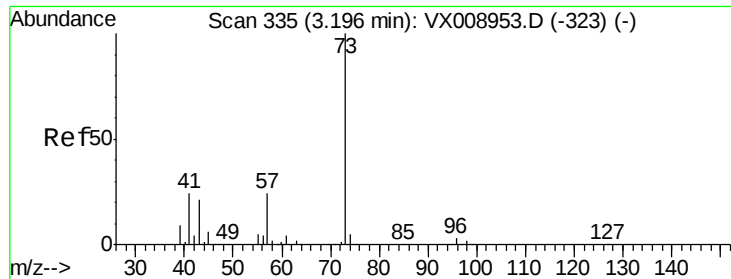
Tot Ion: 76 Resp: 264571
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 45.486 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 43 Resp: 157232
Ion Ratio Lower Upper
43 100
74 20.0 16.6 25.0

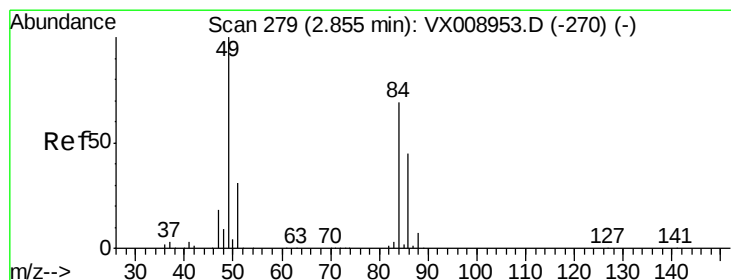
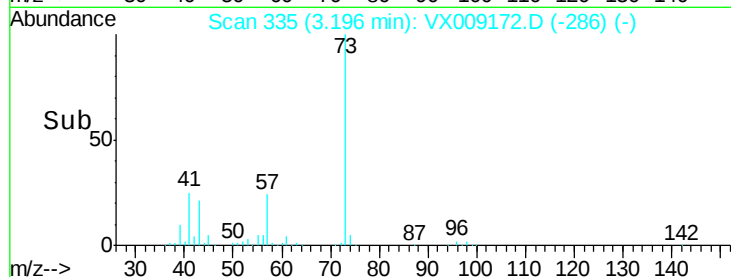
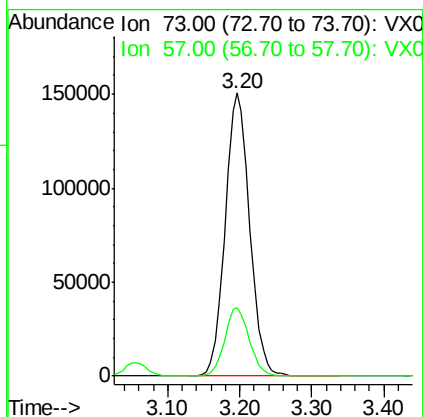
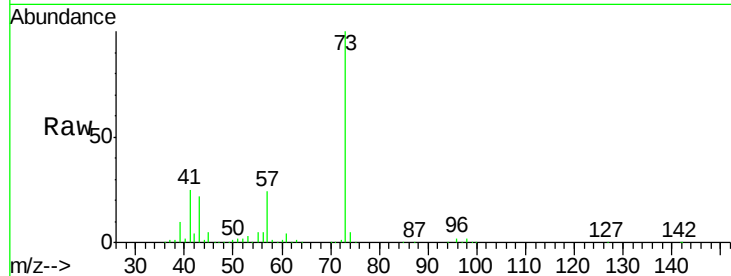




#19
Methvl tert-butvl Ether
Concen: 49.108 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

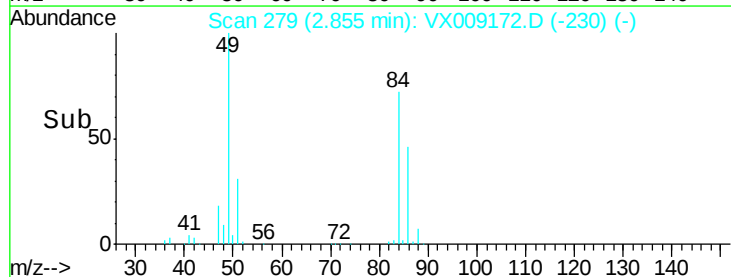
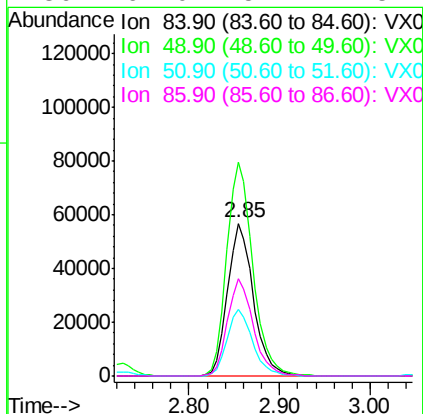
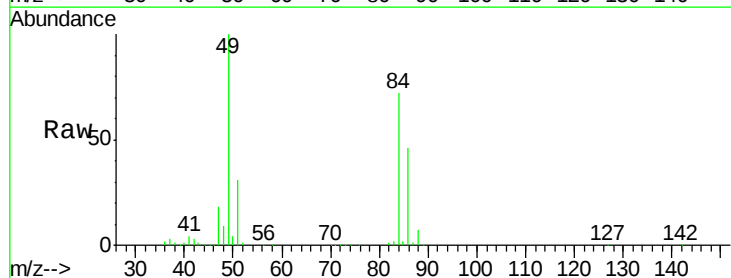
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

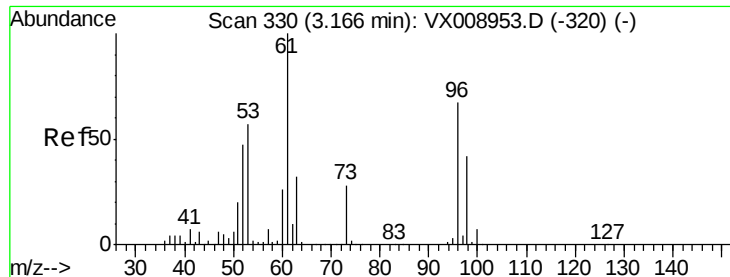
Tot Ion: 73 Resp: 355614
Ion Ratio Lower Upper
73 100
57 24.2 19.2 28.8



#20
Methylene Chloride
Concen: 47.378 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 84 Resp: 112217
Ion Ratio Lower Upper
84 100
49 139.7 115.4 173.0
51 43.8 35.8 53.6
86 64.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 45.074 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

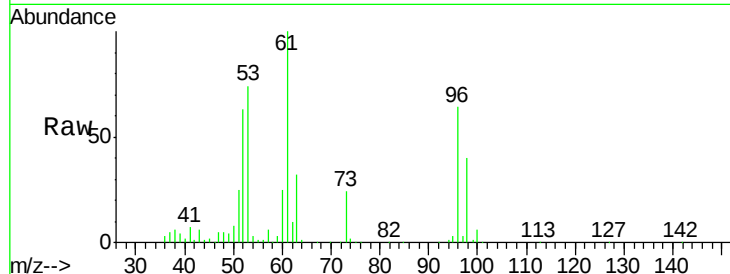
Tot Ion: 96 Resp: 97709

Ion Ratio Lower Upper

96 100

61 157.3 120.3 180.5

98 63.7 50.2 75.2

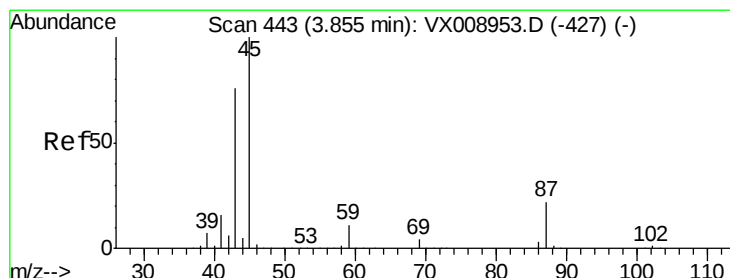
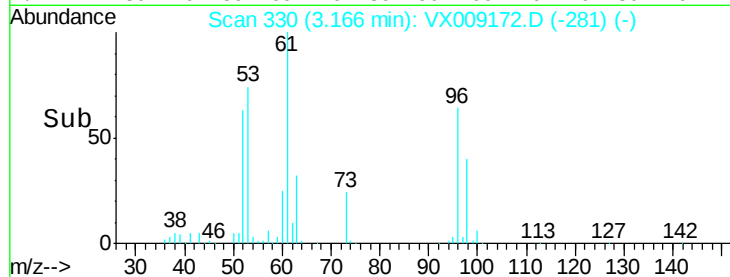
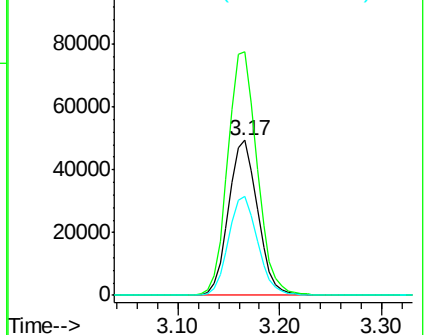


Abundance

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: 50.248 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Tgt Ion: 45 Resp: 432934

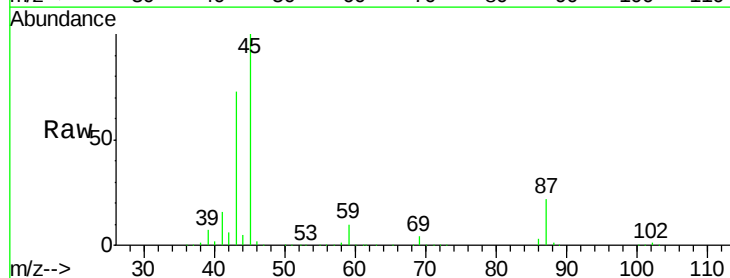
Ion Ratio Lower Upper

45 100

43 72.8 60.6 91.0

87 21.8 17.8 26.8

59 10.2 8.7 13.1



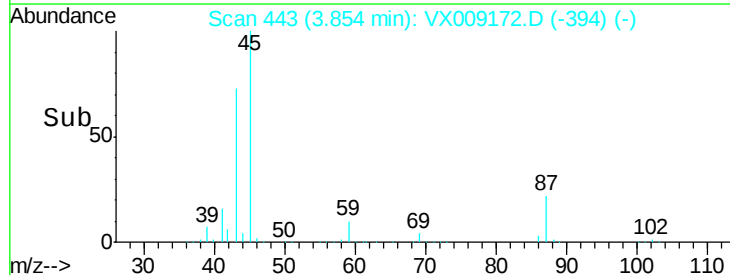
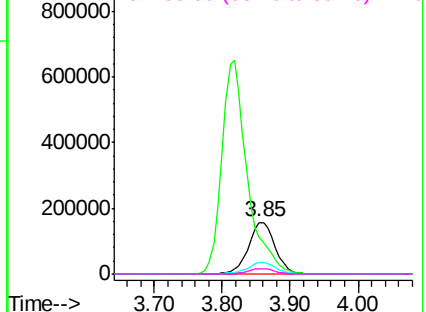
Abundance

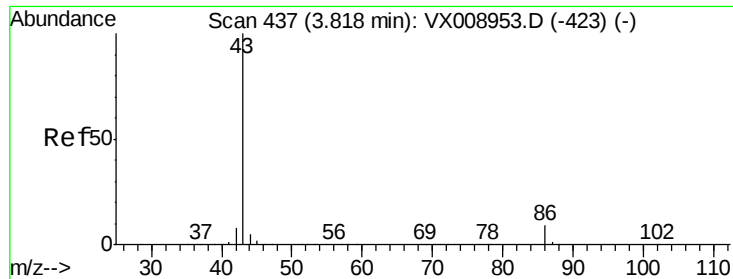
Ion 45.00 (44.70 to 45.70): VX0

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: 223.445 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

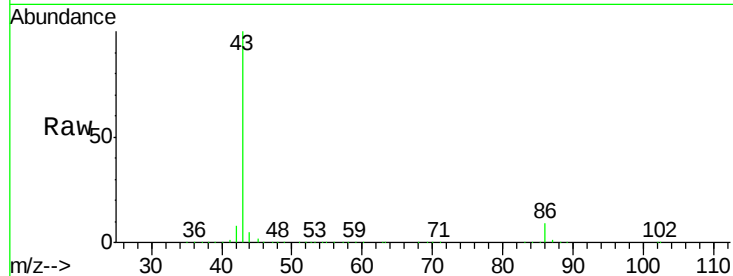
S37-0016MS

Tot Ion: 43 Resp: 1692320

Ion Ratio Lower Upper

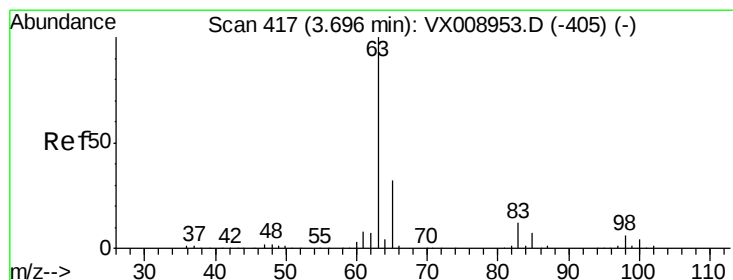
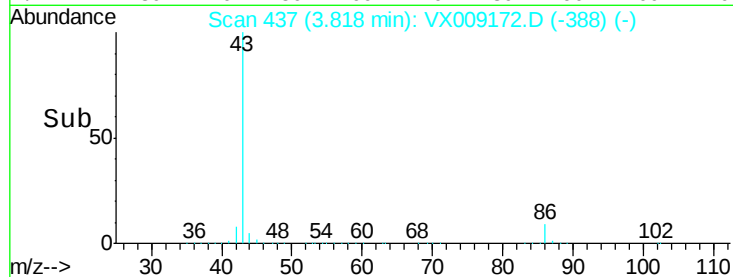
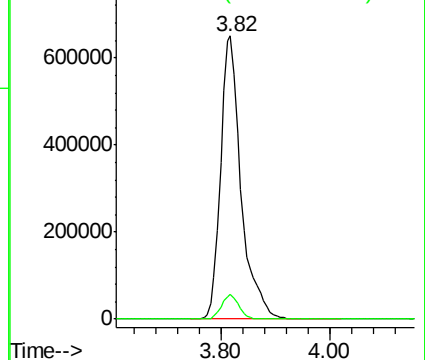
43 100

86 8.6 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.438 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

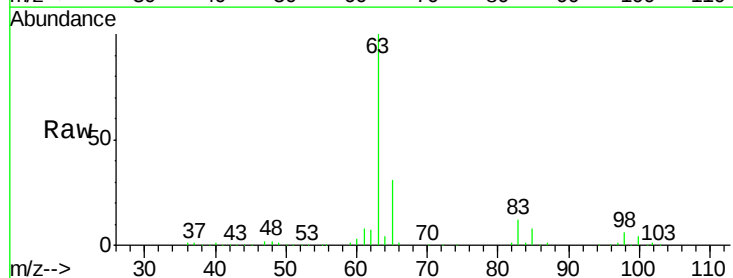
Tgt Ion: 63 Resp: 209496

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.3

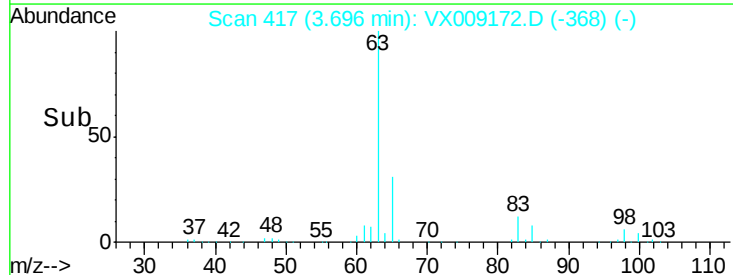
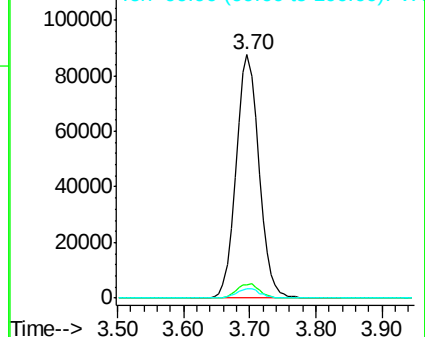
100 3.9 1.9 5.7

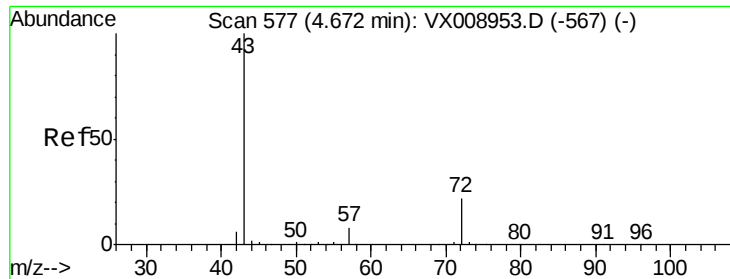


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 265.525 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

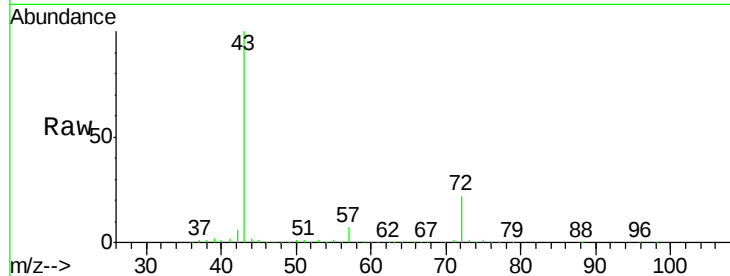
S37-0016MS

Tot Ion: 43 Resp: 587840

Ion Ratio Lower Upper

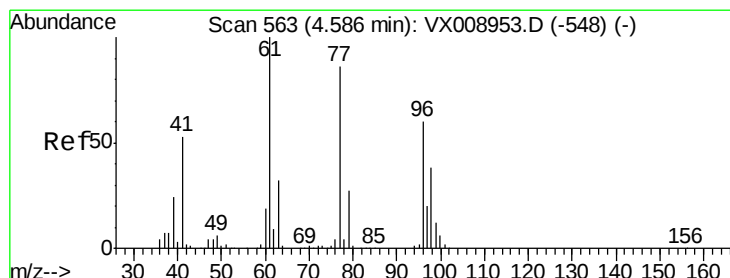
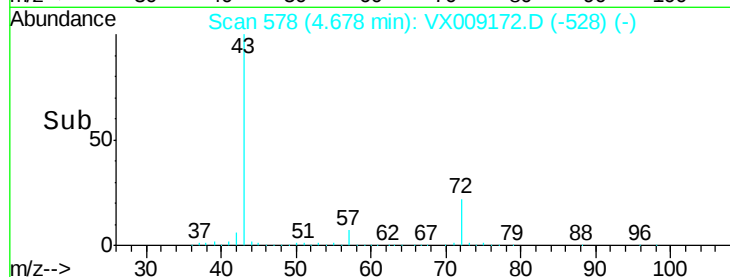
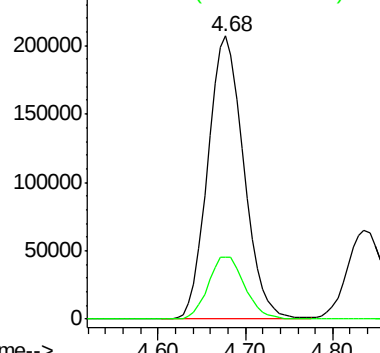
43 100

72 21.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.825 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009172.D

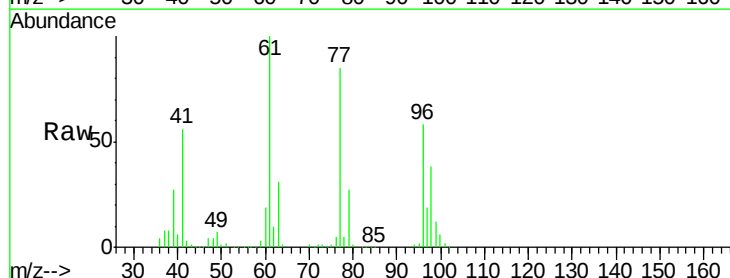
Acq: 25 Apr 2019 19:03

Tgt Ion: 77 Resp: 122629

Ion Ratio Lower Upper

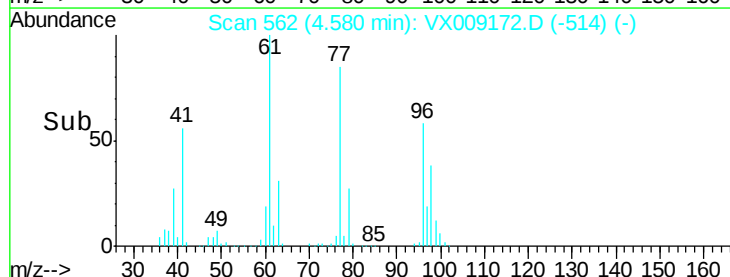
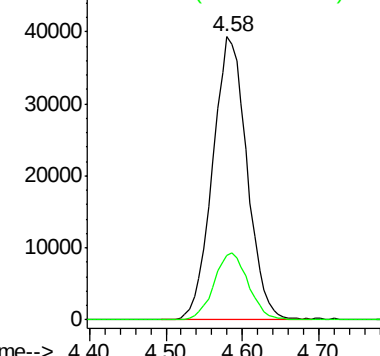
77 100

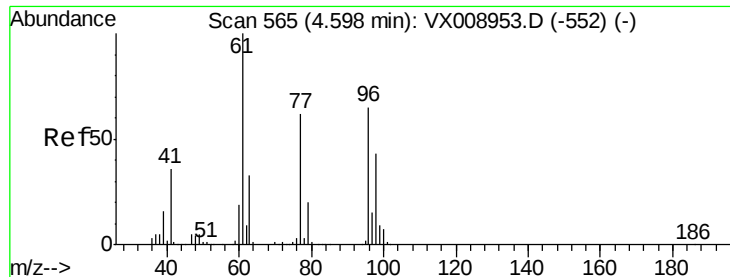
97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



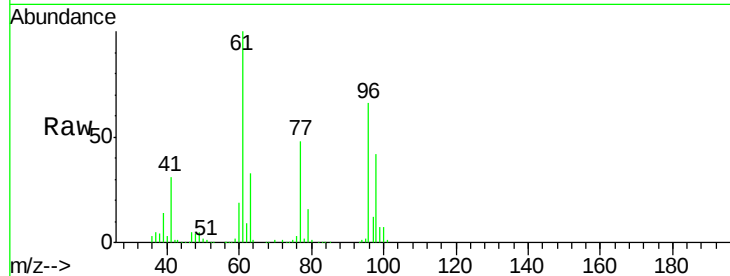


#27

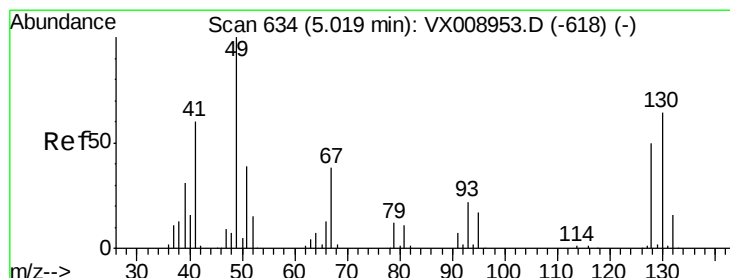
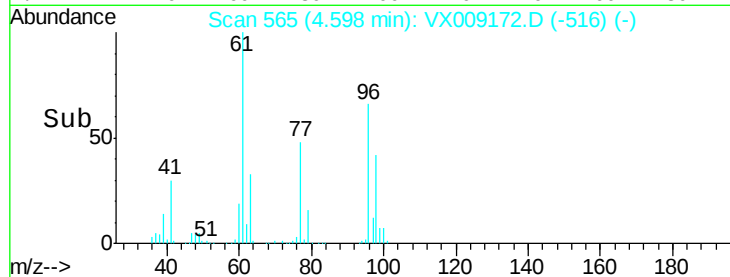
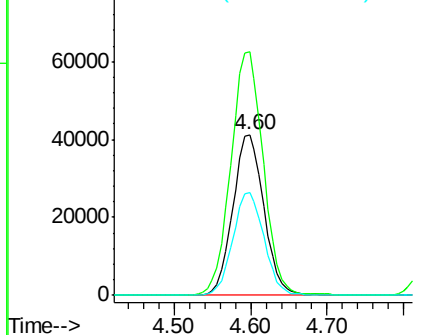
cis-1,2-Dichloroethene
 Concen: 47.096 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	322.0
98	64.5	0.0	128.4



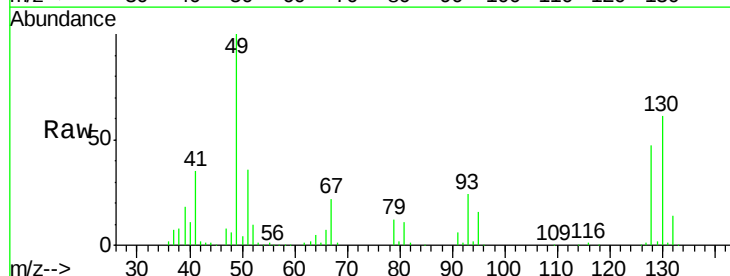
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



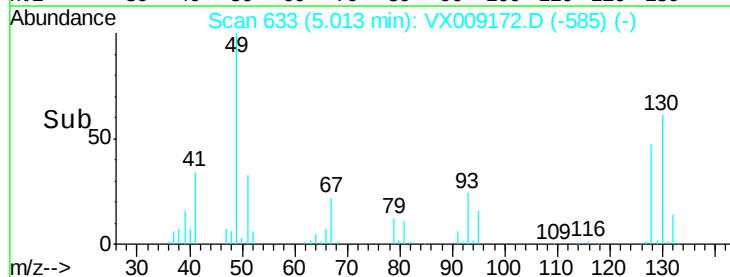
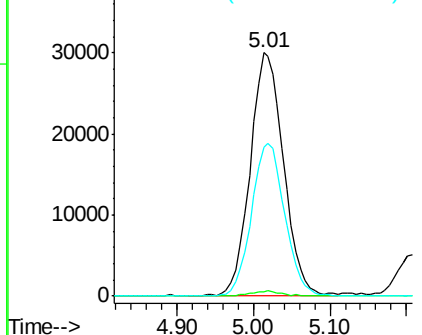
#28

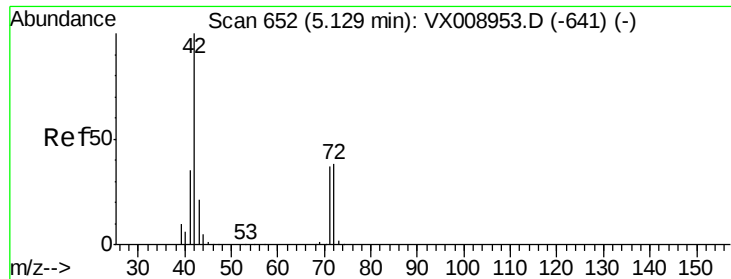
Bromochloromethane
 Concen: 50.878 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	62.3	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

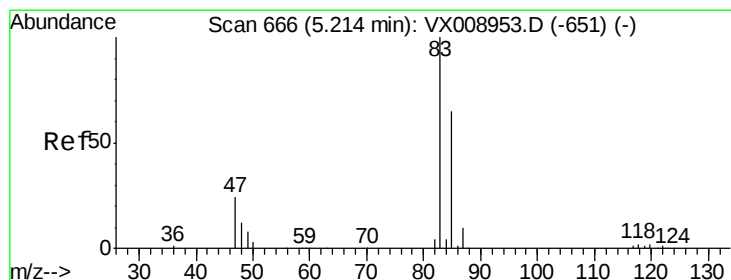
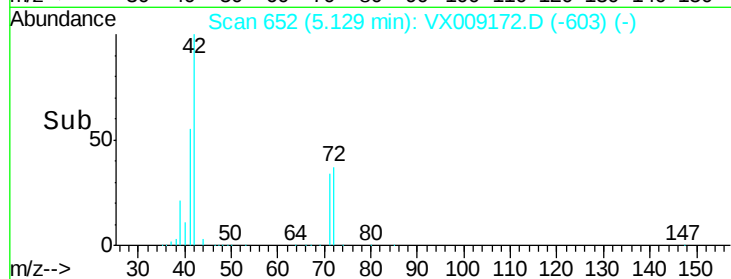
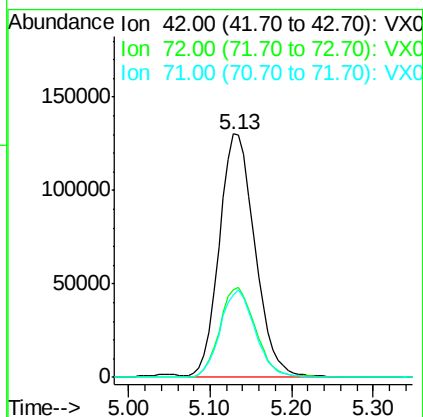
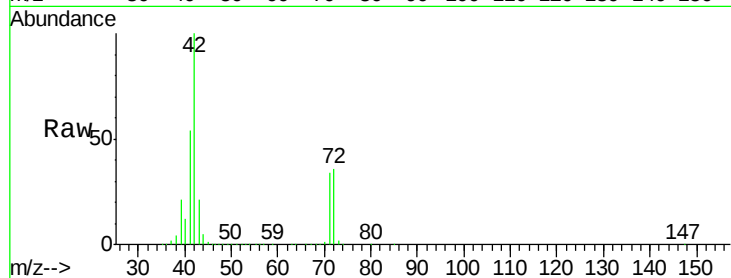




#29
Tetrahydrofuran
Concen: 264.804 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

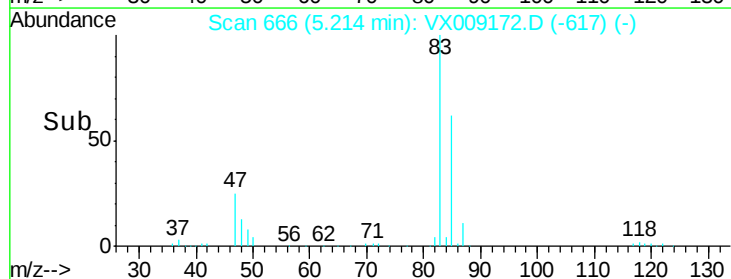
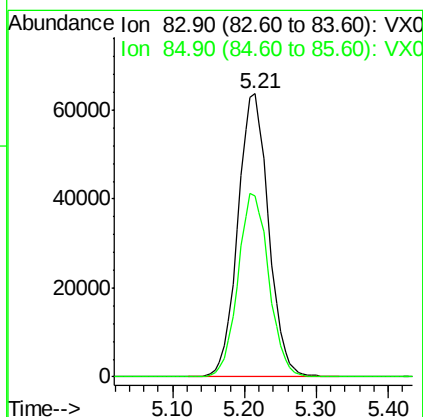
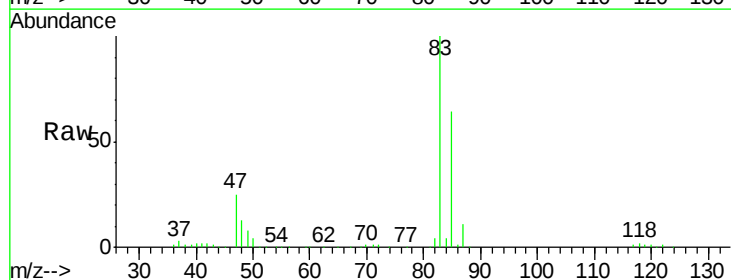
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

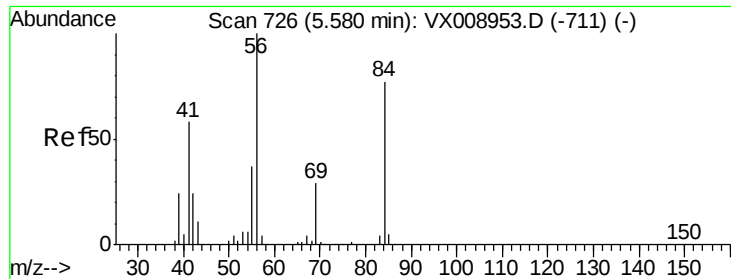
Tot Ion: 42 Resp: 392385
Ion Ratio Lower Upper
42 100
72 37.3 30.6 45.8
71 35.2 28.8 43.2



#30
Chloroform
Concen: 48.671 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 83 Resp: 188372
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9

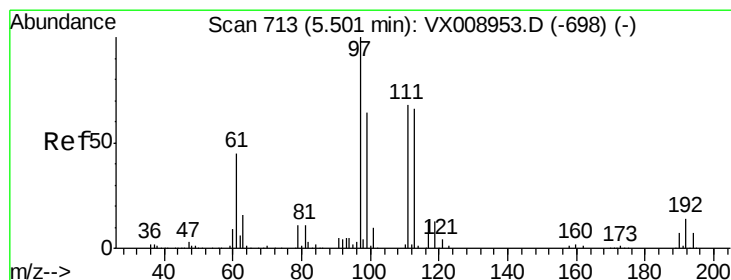
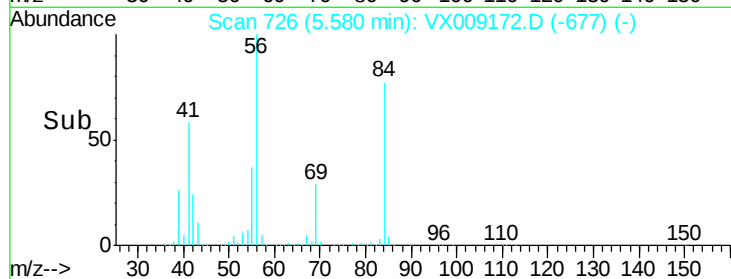
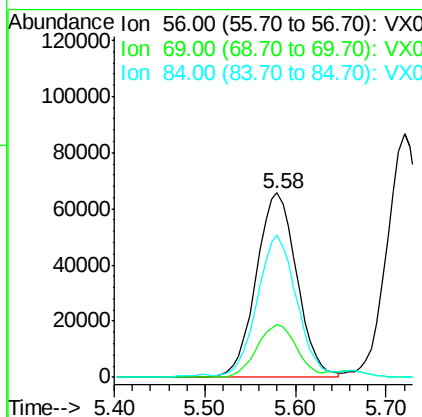
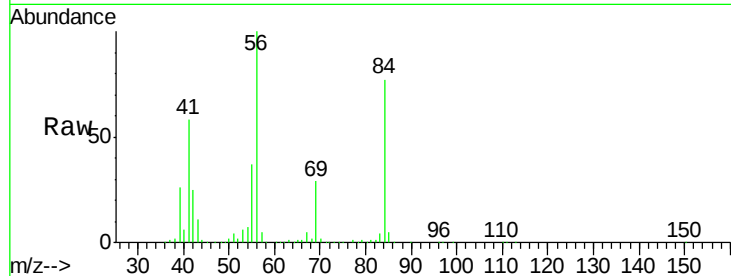




#31
Cyclohexane
Concen: 47.749 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

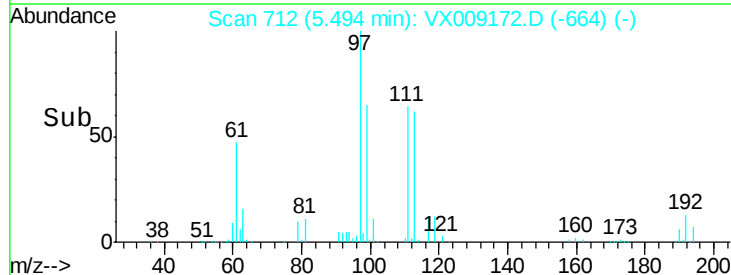
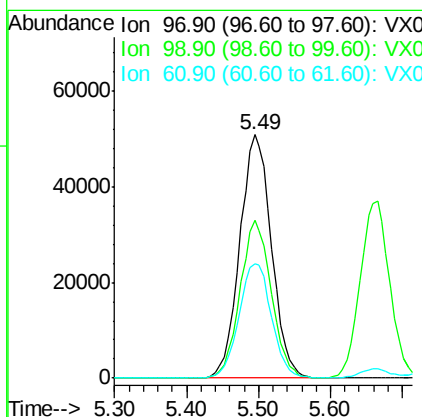
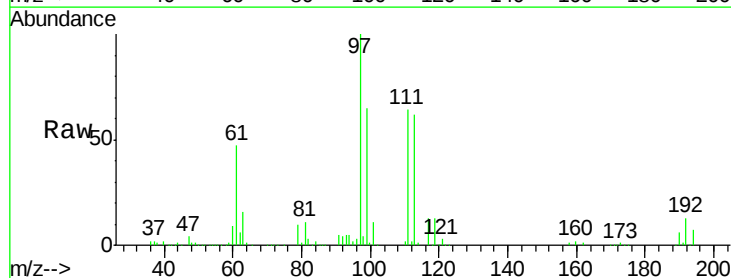
Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

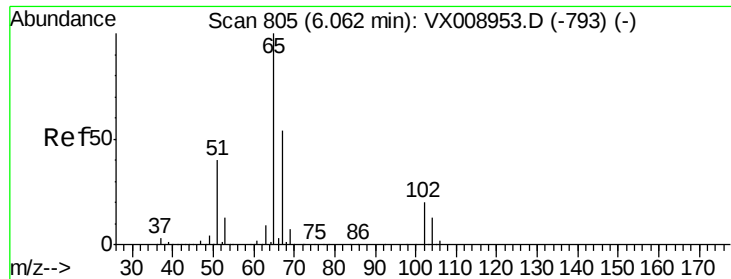
Tot Ion: 56 Resp: 203120
Ion Ratio Lower Upper
56 100
69 29.0 23.3 34.9
84 76.1 61.7 92.5



#32
1,1,1-Trichloroethane
Concen: 48.404 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 97 Resp: 155268
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 48.3 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 47.435 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

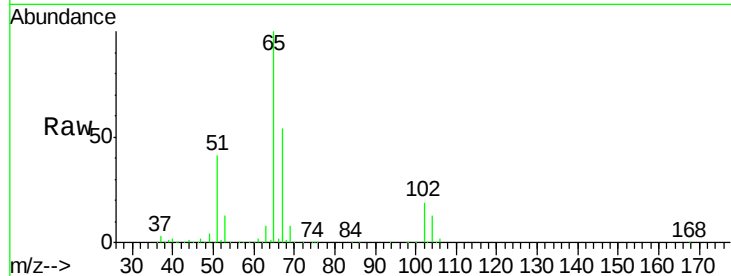
S37-0016MS

Tot Ion: 65 Resp: 126690

Ion Ratio Lower Upper

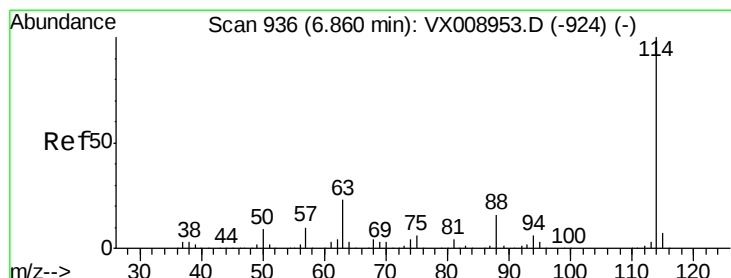
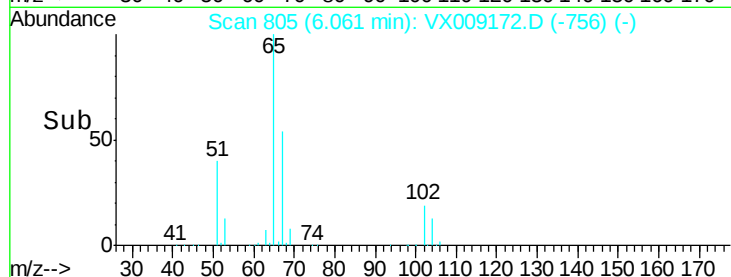
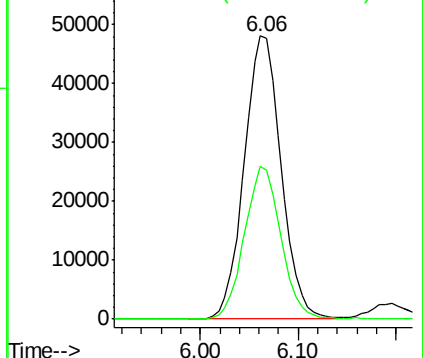
65 100

67 53.2 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: VX009172.D

Acq: 25 Apr 2019 19:03

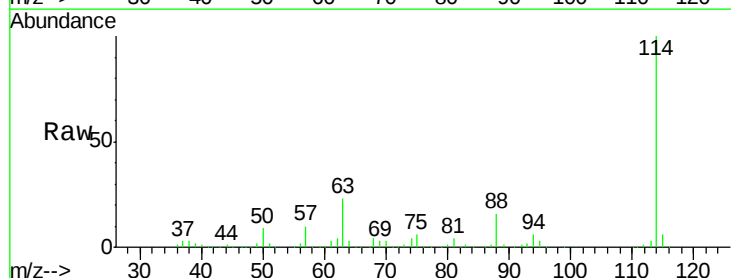
Tgt Ion: 114 Resp: 314293

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.0

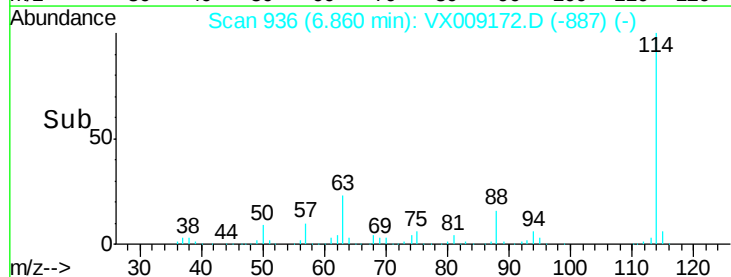
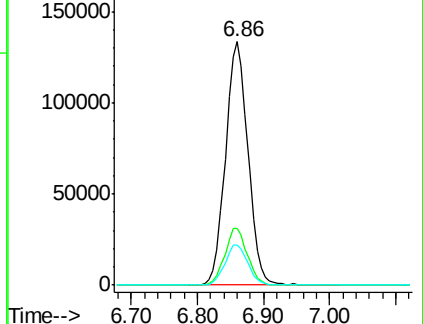
88 16.3 0.0 32.6

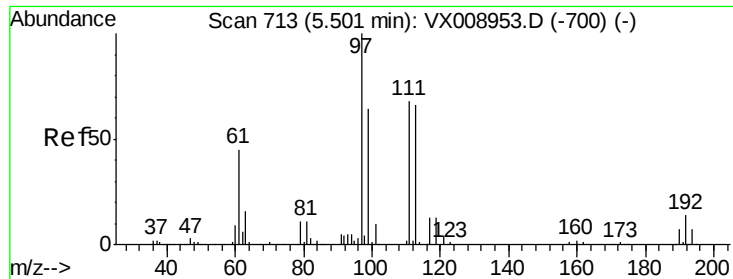


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.070 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

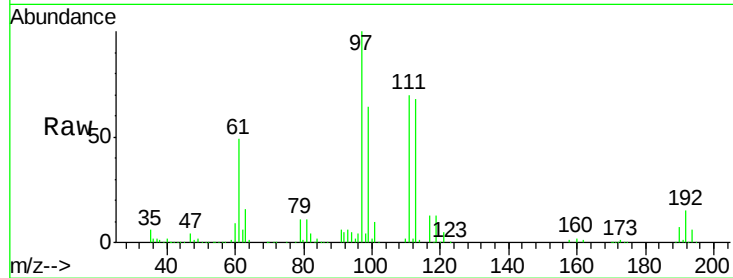
Tot Ion:113 Resp: 92925

Ion Ratio Lower Upper

113 100

111 105.0 82.9 124.3

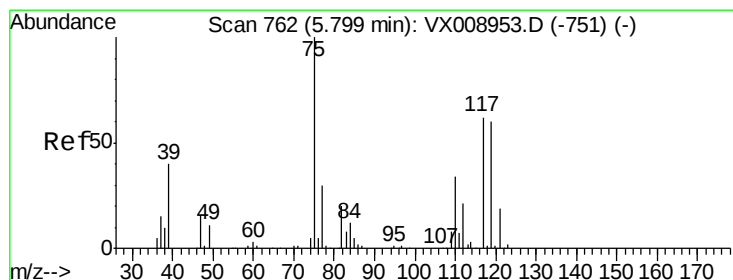
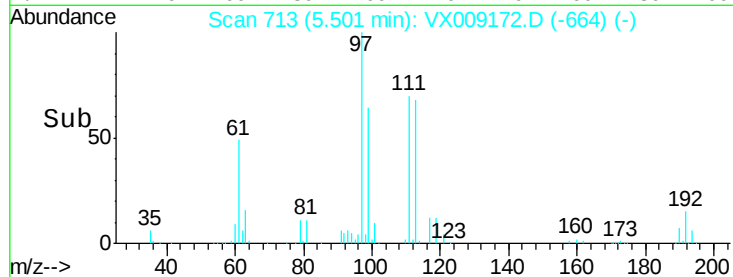
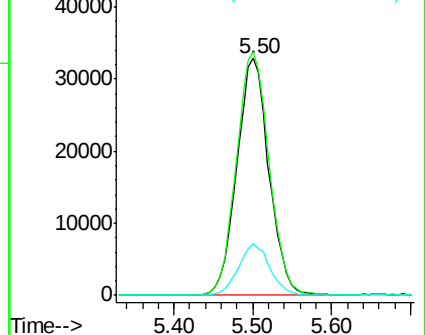
192 21.5 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.216 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

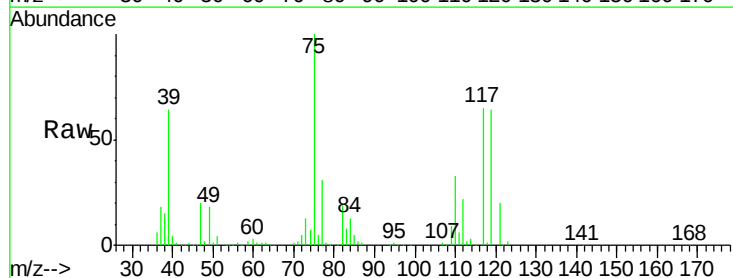
Tgt Ion: 75 Resp: 143724

Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.7

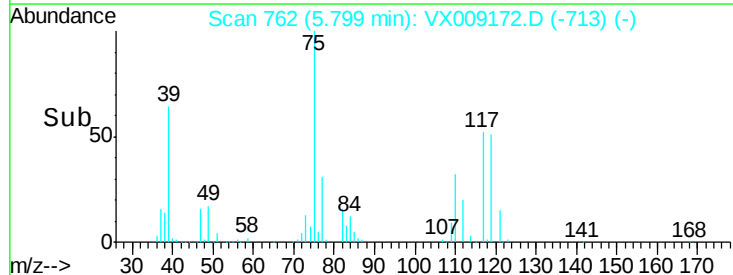
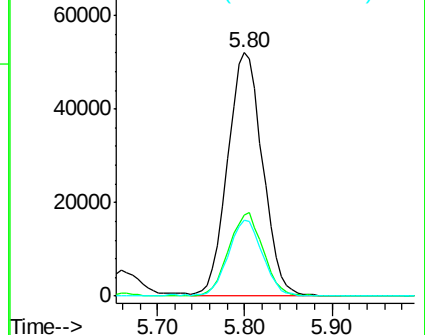
77 30.7 25.0 37.4

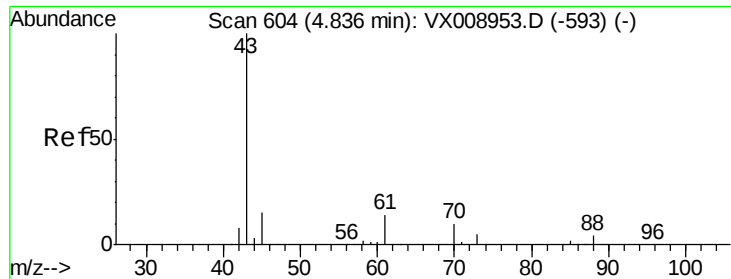


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.285 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampled :

S37-0016MS

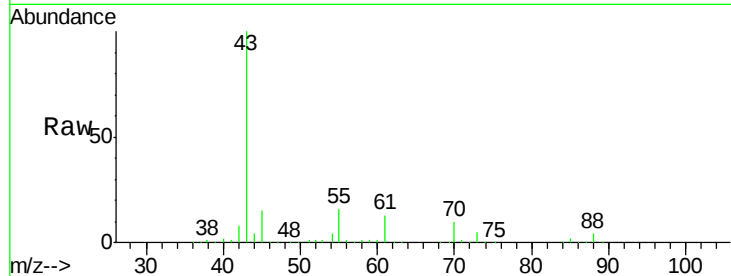
Tot Ion: 43 Resp: 193593

Ion Ratio Lower Upper

43 100

61 12.9 10.6 15.8

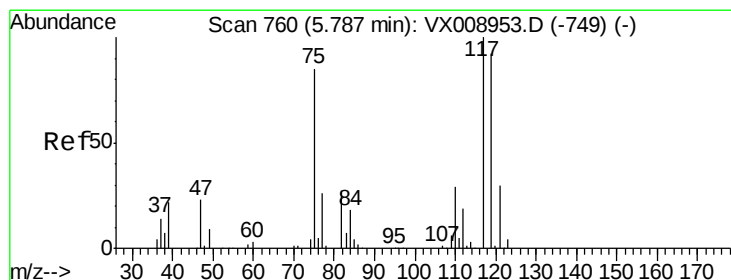
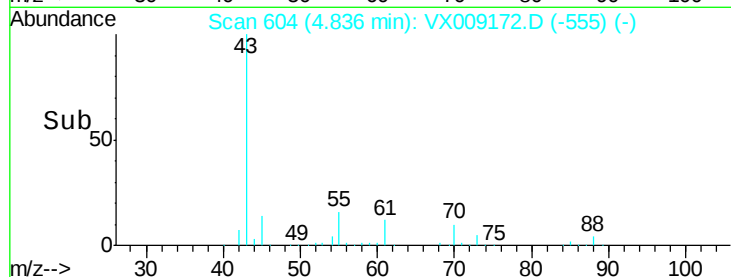
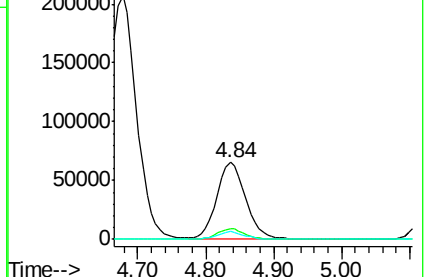
70 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX008953.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008953.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008953.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 46.587 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

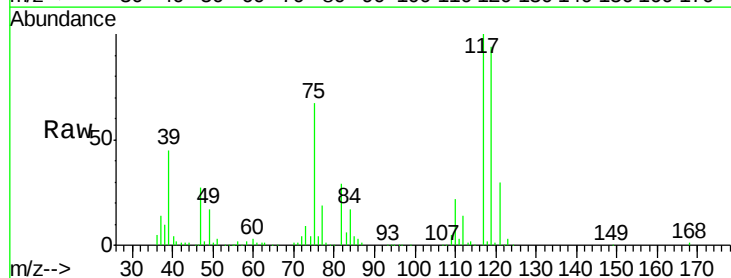
Tgt Ion: 117 Resp: 128377

Ion Ratio Lower Upper

117 100

119 93.9 73.8 110.8

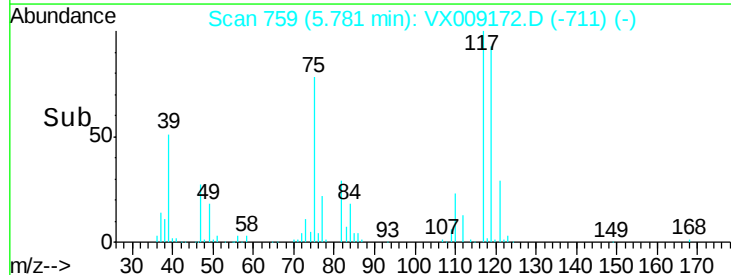
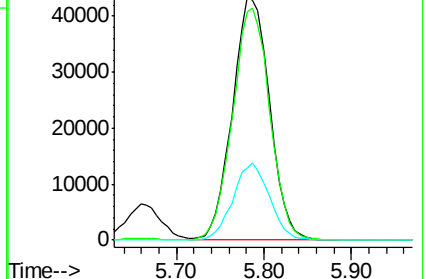
121 29.8 23.6 35.4



Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008953.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008953.D (-749) (-)

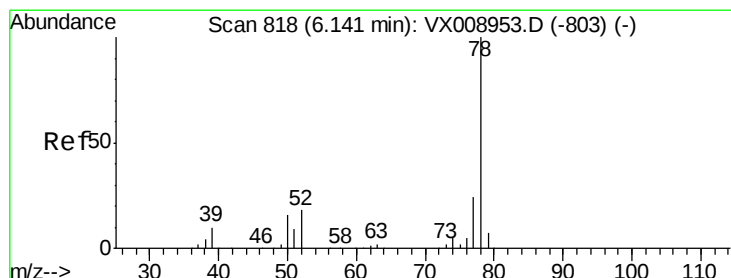
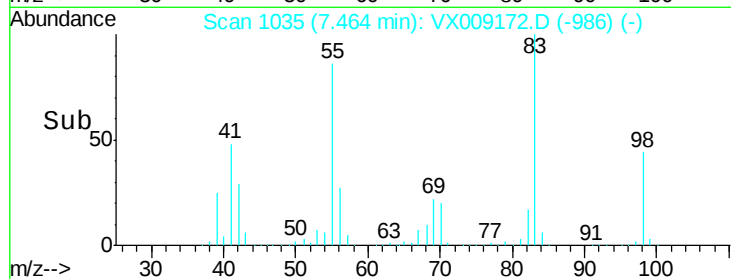
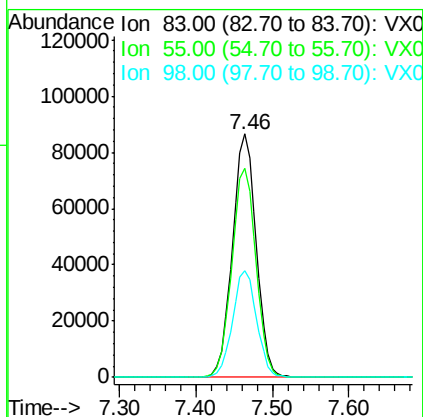
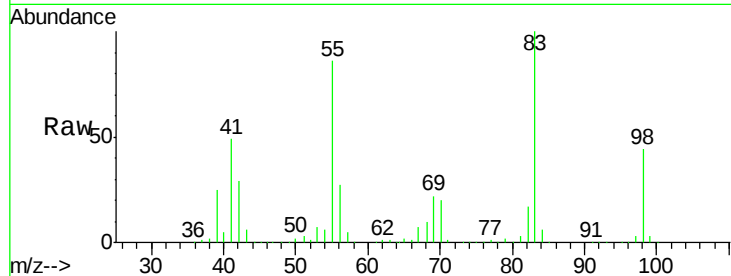




#39
Methvlcvclohexane
Concen: 47.011 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

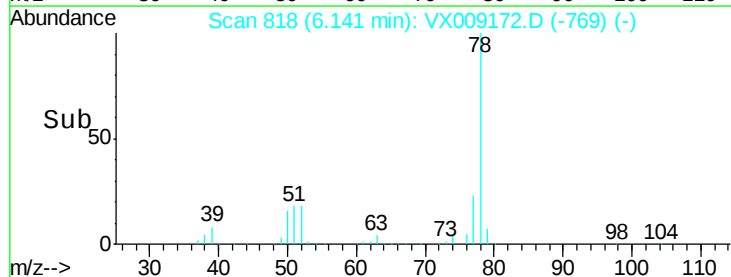
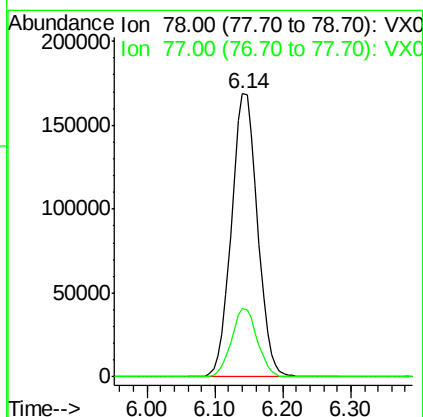
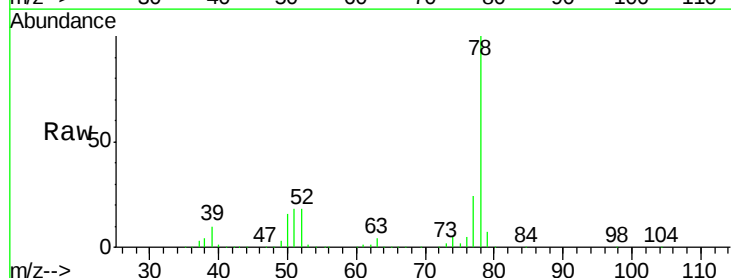
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

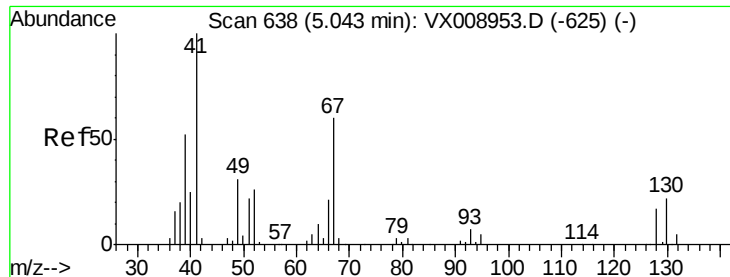
Tot Ion: 83 Resp: 186049
Ion Ratio Lower Upper
83 100
55 86.0 67.1 100.7
98 43.6 35.1 52.7



#40
Benzene
Concen: 46.935 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 78 Resp: 450069
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

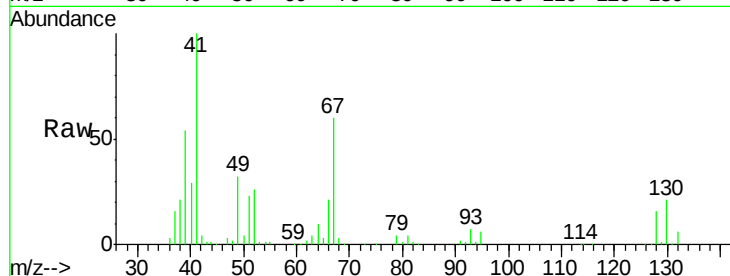




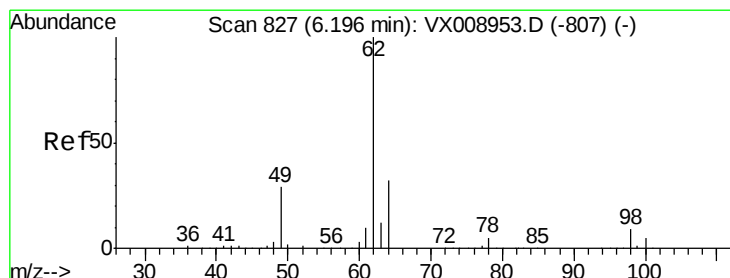
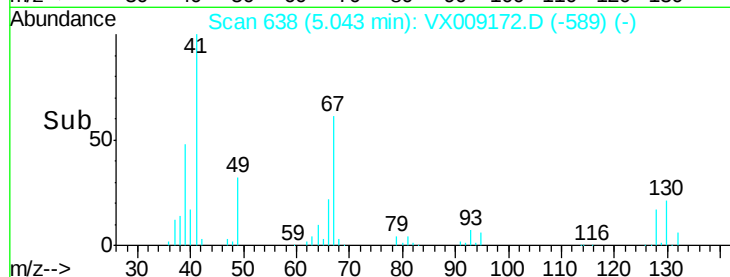
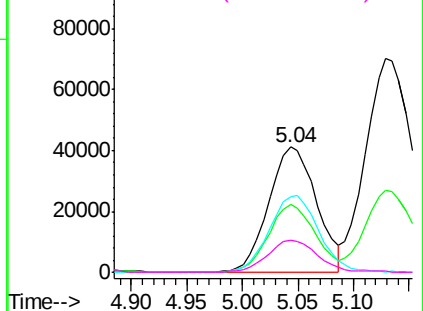
#41
Methacrylonitrile
Concen: 51.168 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

Tot Ion:	41	Resp:	122831
Ion	Ratio	Lower	Upper
41	100		
39	52.7	41.8	62.6
67	63.6	50.2	75.4
52	26.5	21.1	31.7

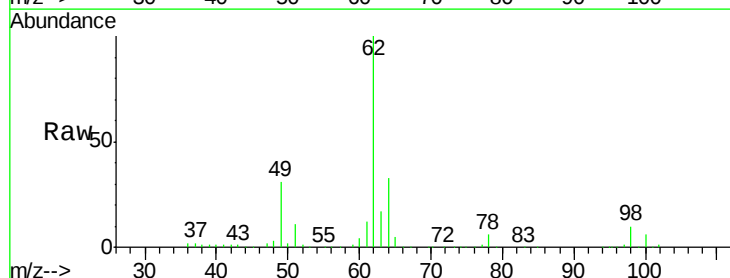


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

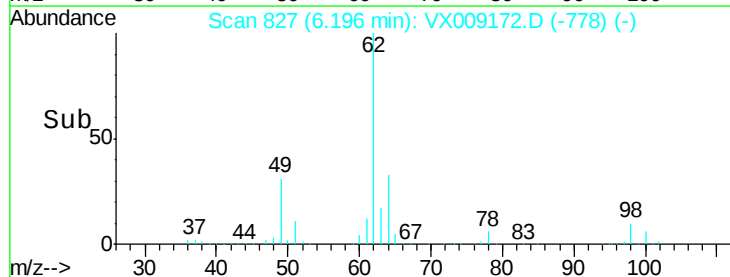
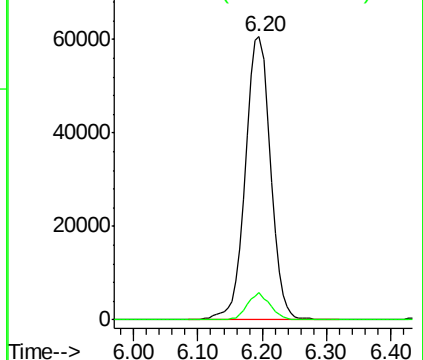


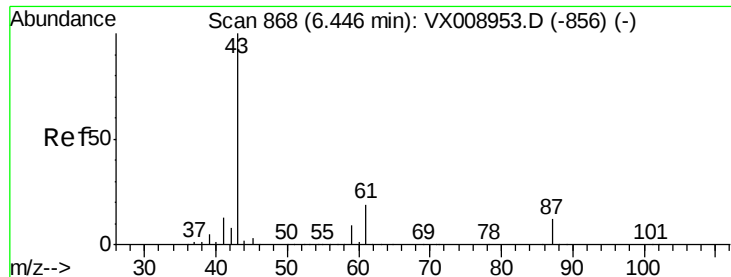
#42
1,2-Dichloroethane
Concen: 47.578 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion:	62	Resp:	161614
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



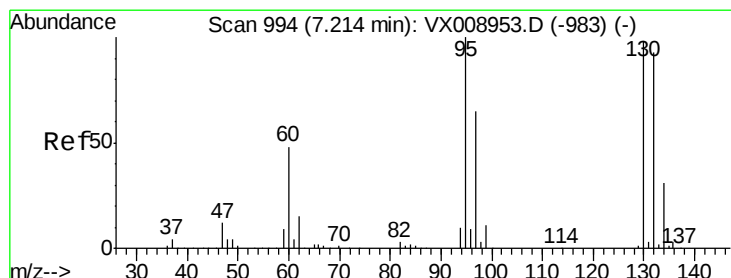
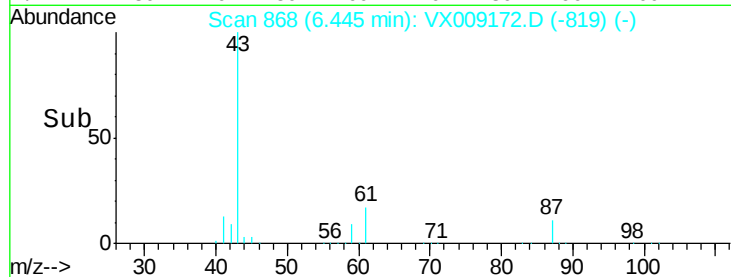
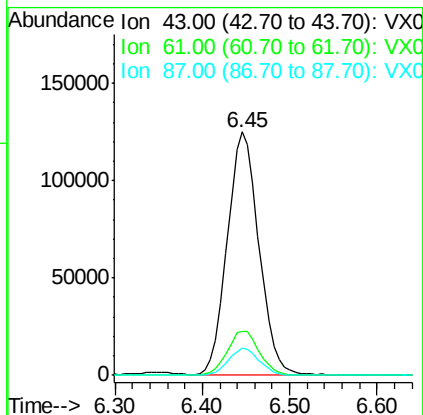
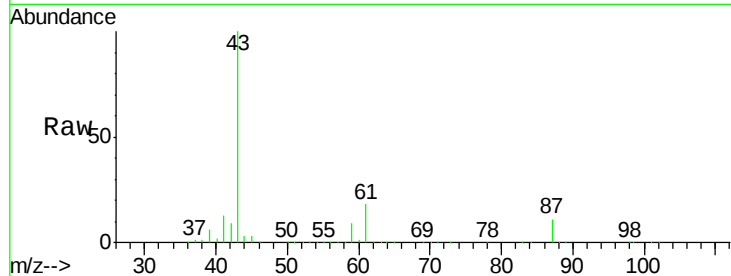


#43

Isopropyl Acetate
 Concen: 46.254 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

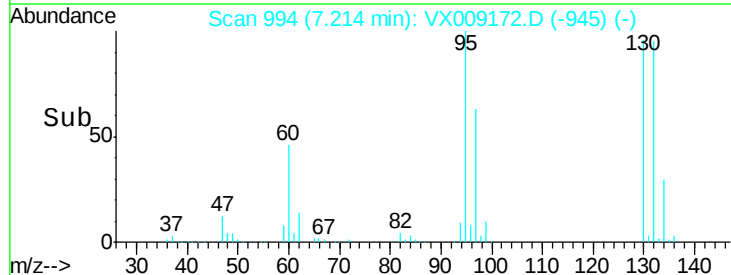
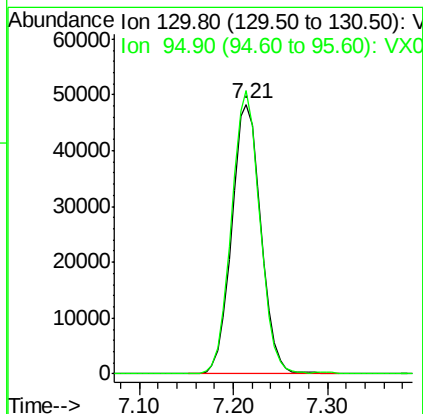
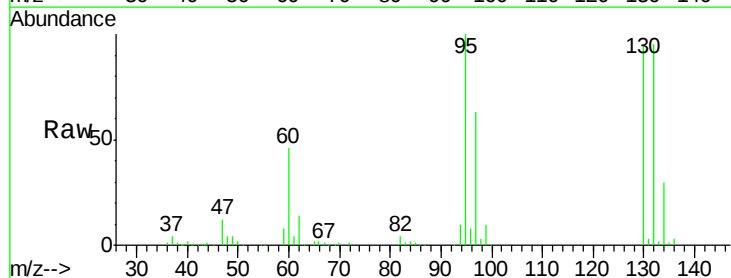
Tot Ion	43	Resp	311764
Ion Ratio	Lower	Upper	
43	100		
61	18.7	15.4	23.0
87	11.2	9.0	13.4

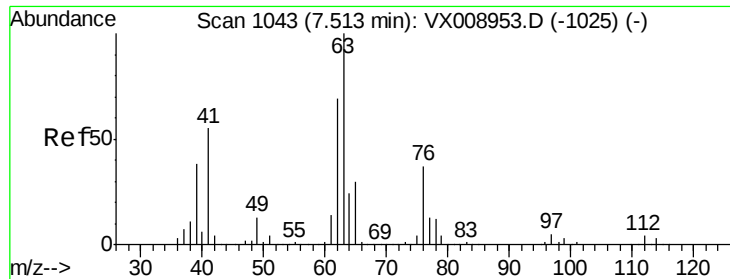


#44

Trichloroethene
 Concen: 44.316 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Tgt Ion	130	Resp	104121
Ion Ratio	Lower	Upper	
130	100		
95	104.9	0.0	203.2





#45

1,2-Dichloropropane

Concen: 48.229 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

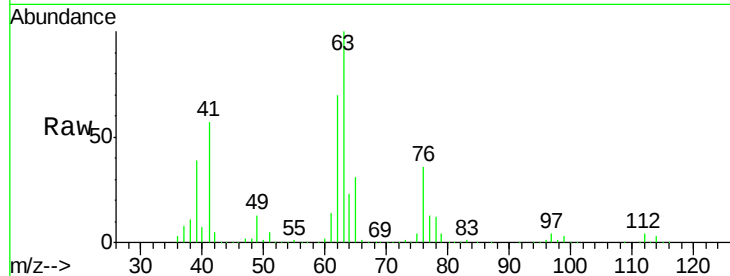
S37-0016MS

Tot Ion: 63 Resp: 128302

Ion Ratio Lower Upper

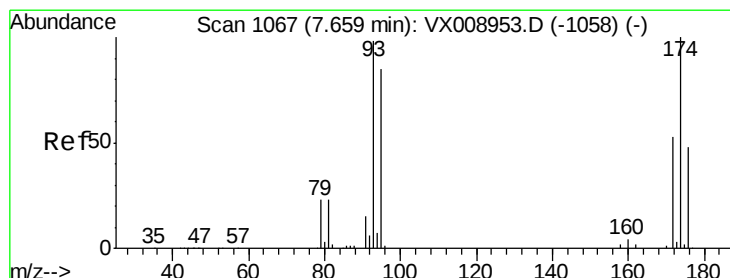
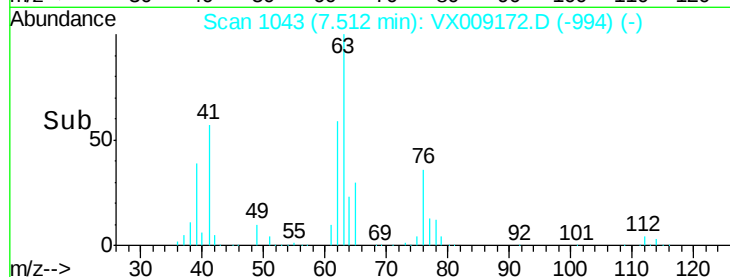
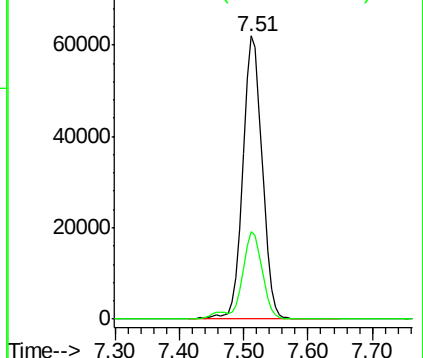
63 100

65 30.9 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.467 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

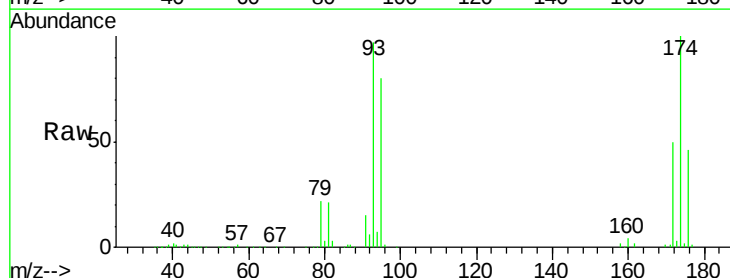
Tgt Ion: 93 Resp: 73488

Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.4

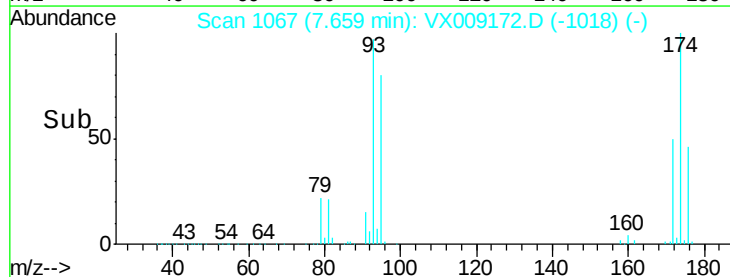
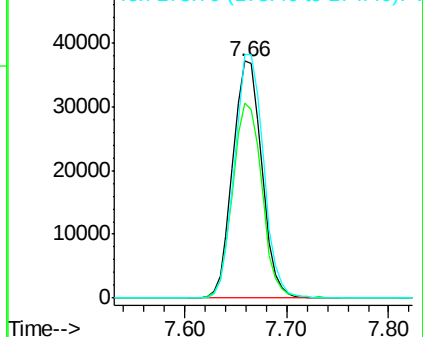
174 102.7 81.6 122.4

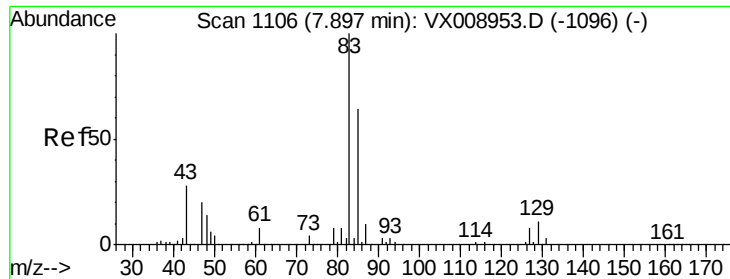


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.976 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampled :

S37-0016MS

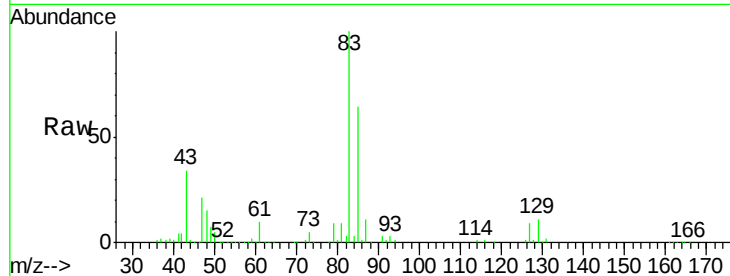
Tot Ion: 83 Resp: 145683

Ion Ratio Lower Upper

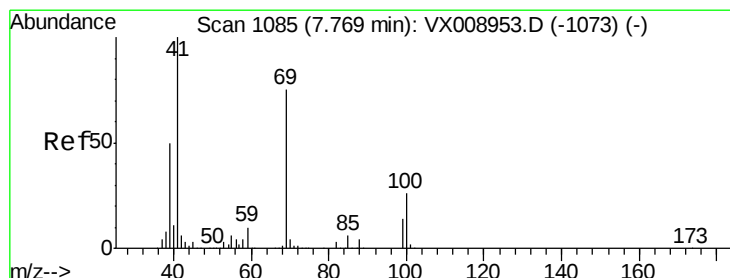
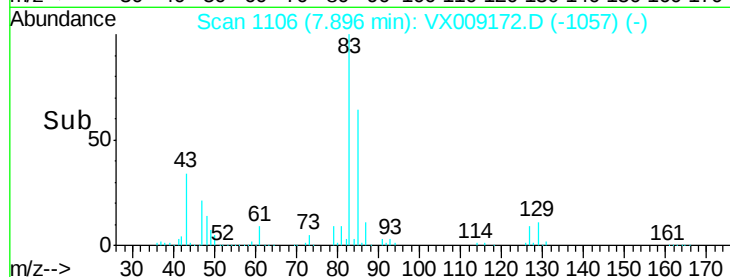
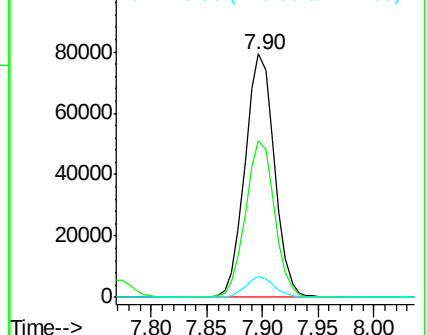
83 100

85 64.0 50.8 76.2

127 8.5 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: 51.298 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

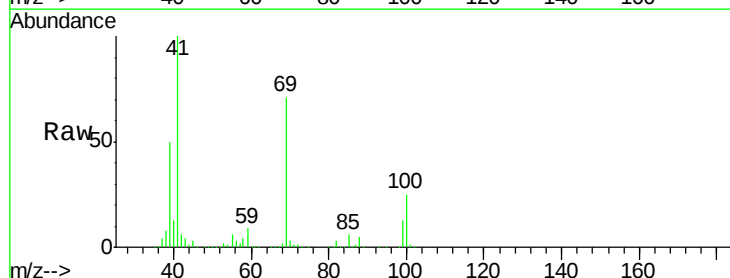
Tgt Ion: 41 Resp: 170846

Ion Ratio Lower Upper

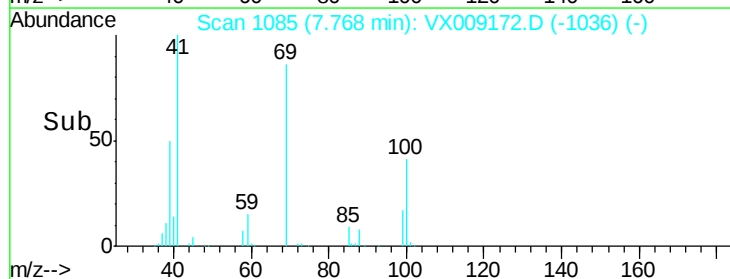
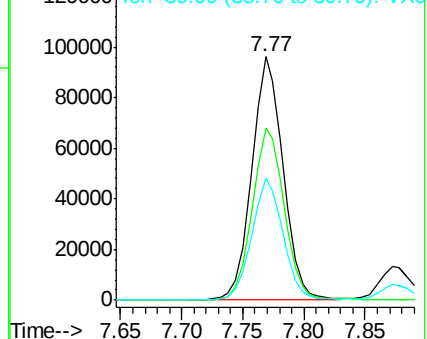
41 100

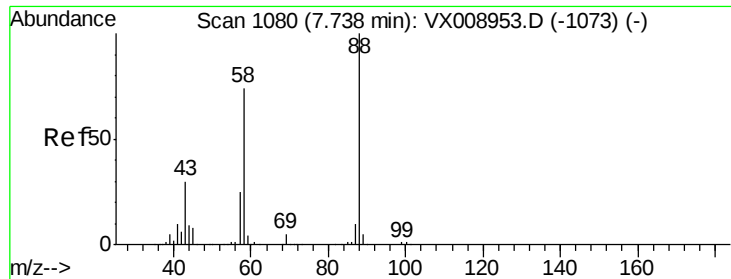
69 72.6 59.4 89.2

39 50.0 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

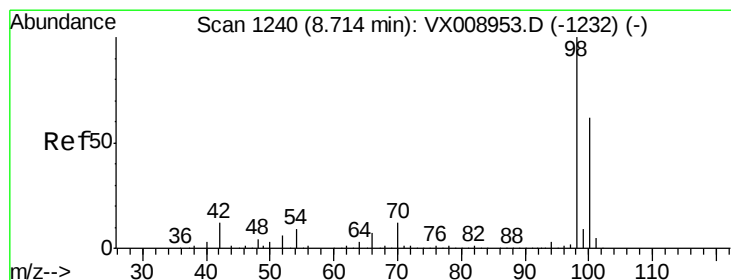
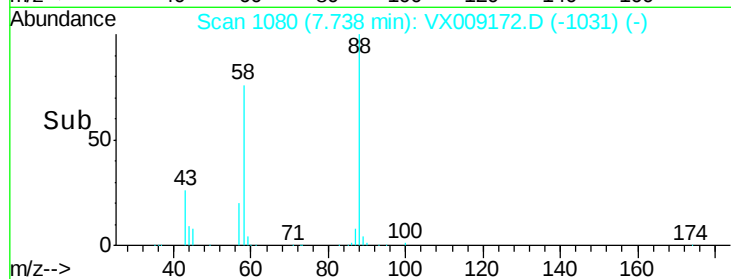
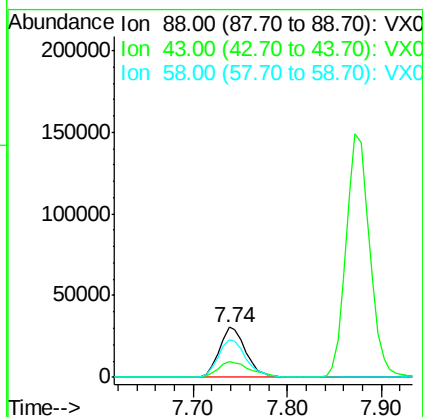
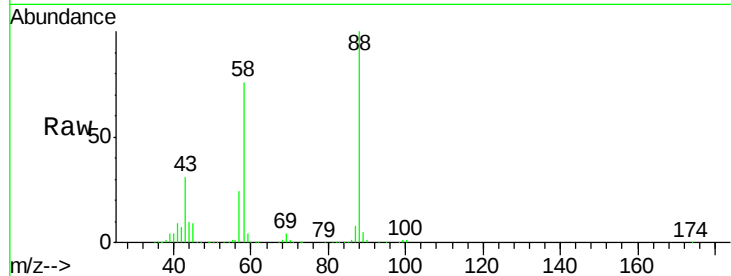




#49
1,4-Dioxane
Concen: 967.841 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

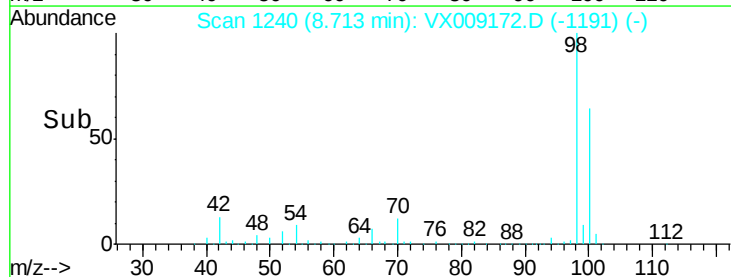
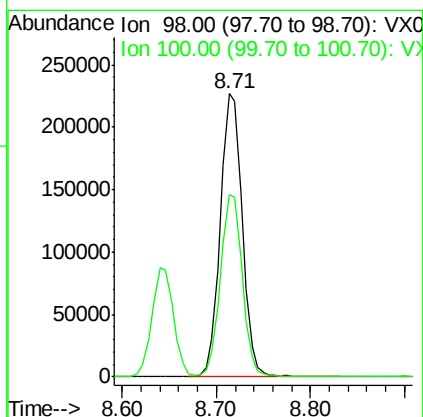
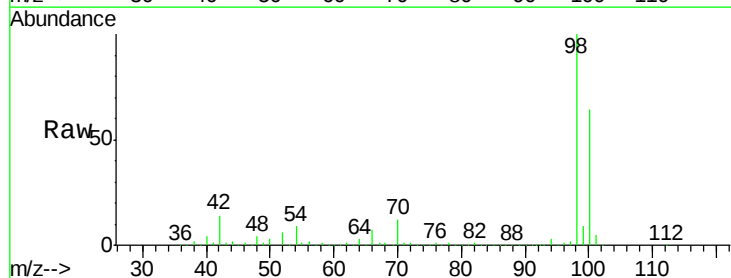
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

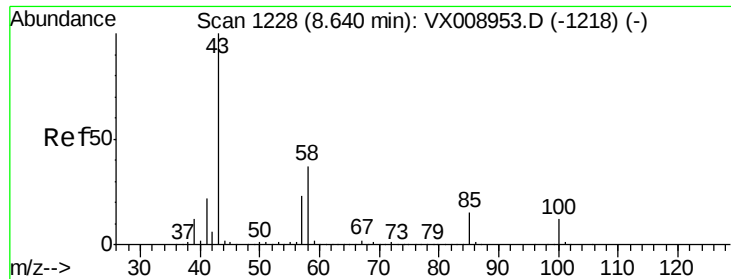
Tot Ion: 88 Resp: 60331
Ion Ratio Lower Upper
88 100
43 36.9 29.3 43.9
58 80.0 62.6 93.8



#50
Toluene-d8
Concen: 45.514 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 98 Resp: 366117
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 268.502 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

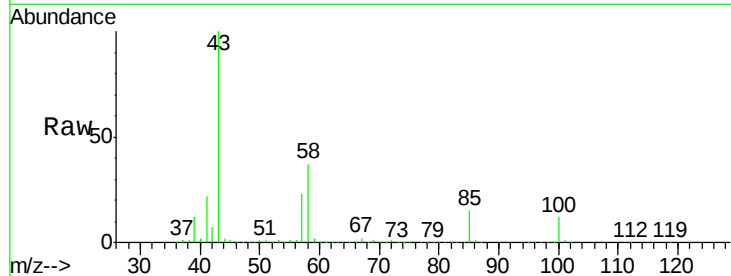
S37-0016MS

Tot Ion: 43 Resp: 1152967

Ion Ratio Lower Upper

43 100

58 36.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

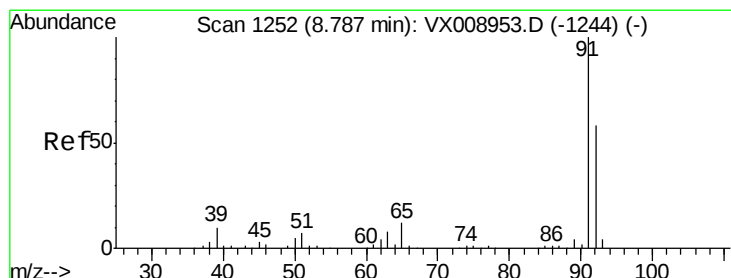
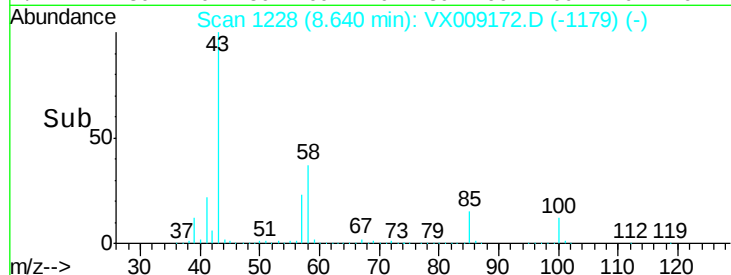
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 46.948 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009172.D

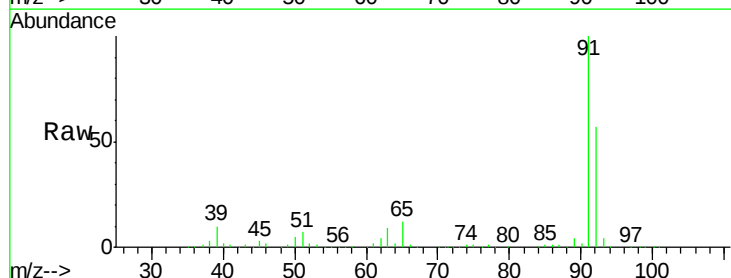
Acq: 25 Apr 2019 19:03

Tgt Ion: 92 Resp: 269804

Ion Ratio Lower Upper

92 100

91 174.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

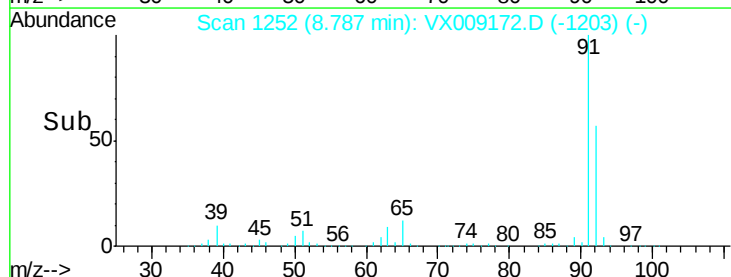
300000

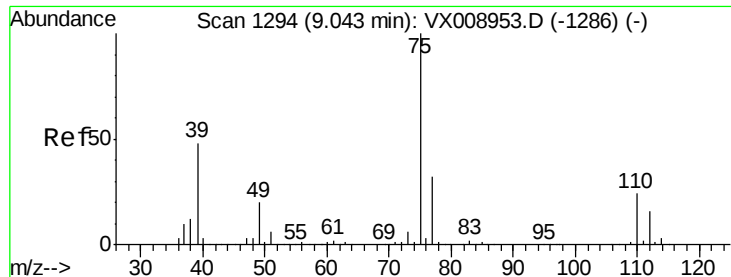
200000

100000

0

Time--> 8.70 8.80 8.90 9.00

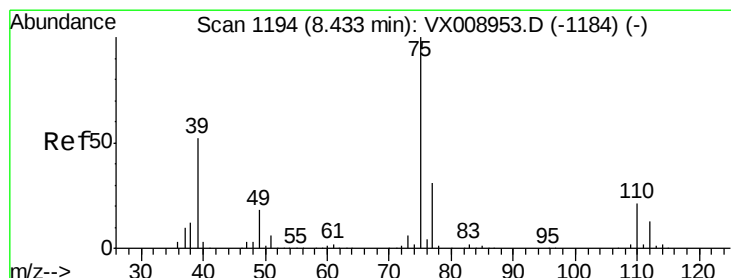
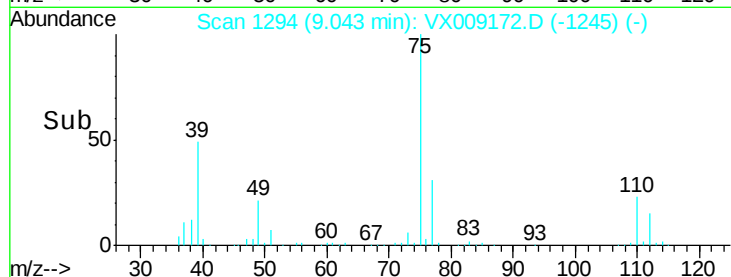
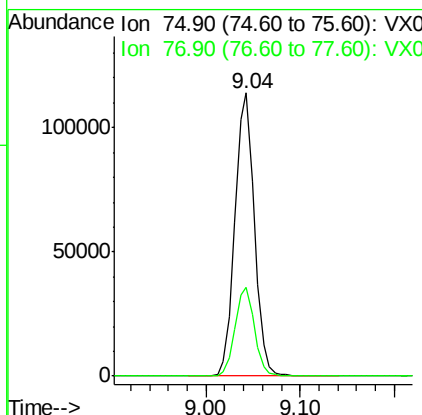
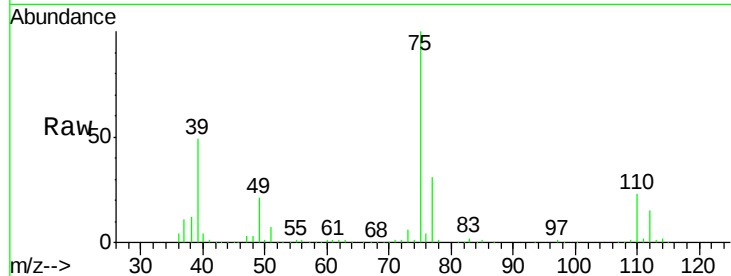




#53
 t-1,3-Dichloropropene
 Concen: 46.694 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

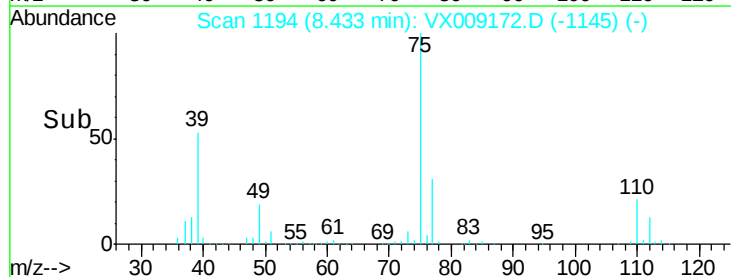
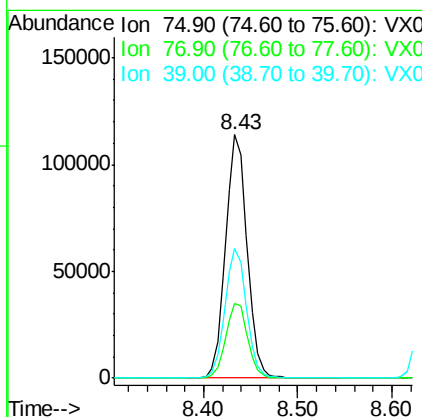
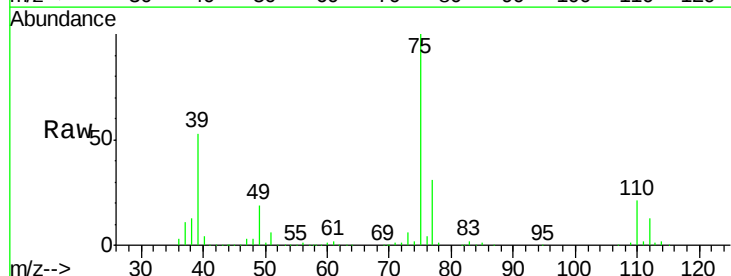
Instrument :
 MSVOA_X
 ClientSampleID :
 S37-0016MS

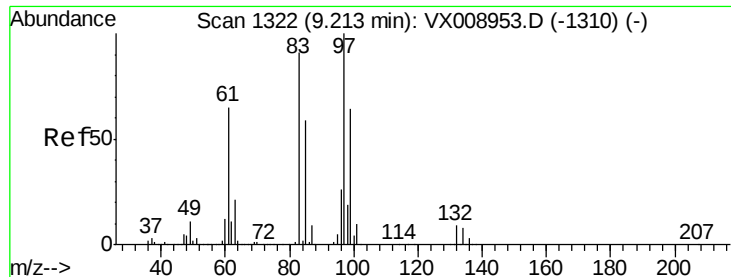
Tot Ion: 75 Resp: 163182
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 46.079 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Tgt Ion: 75 Resp: 180314
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.8 37.2
 39 52.9 41.8 62.6

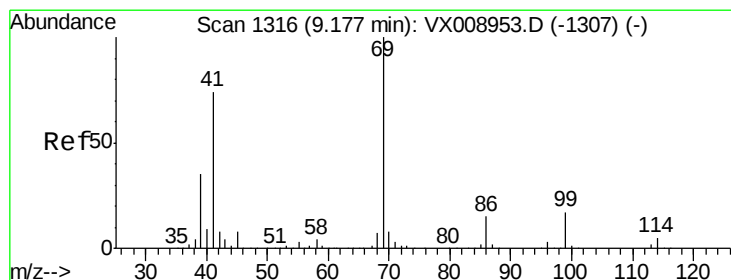
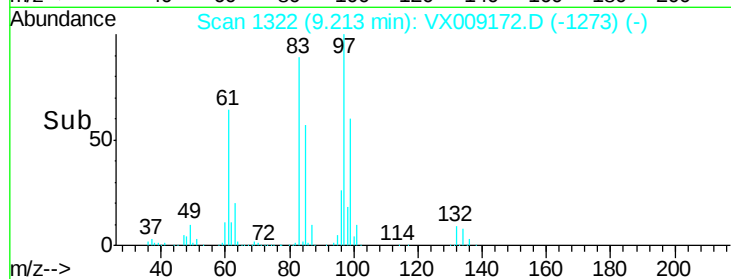
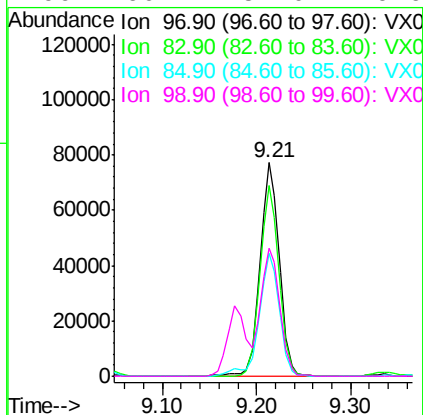
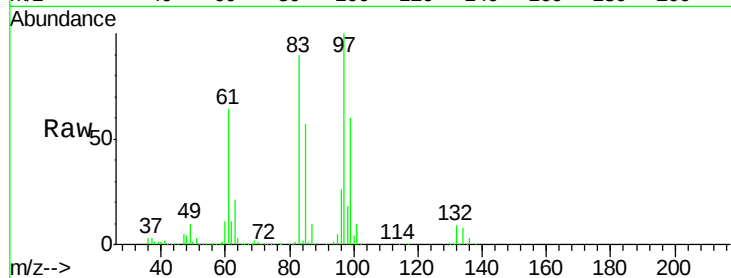




#55
 1,1,2-Trichloroethane
 Concen: 49.092 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

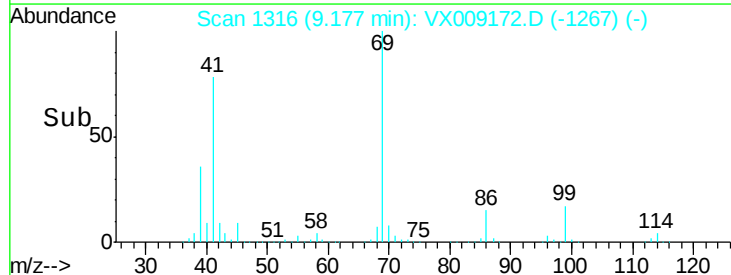
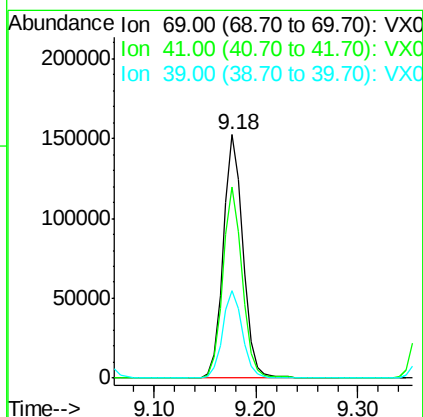
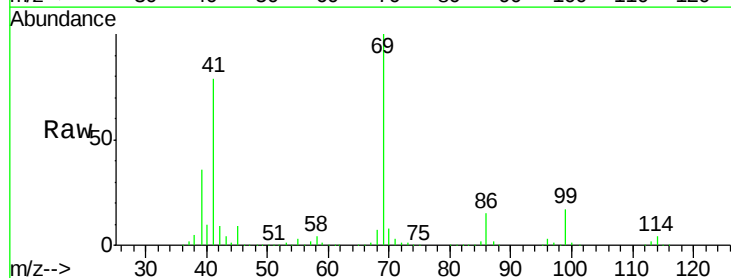
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

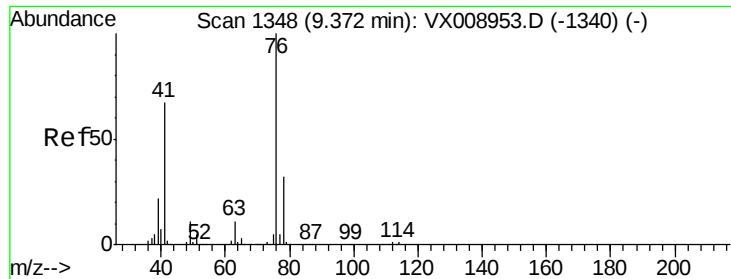
Tot Ion	97	Resp	111815
Ion Ratio	Lower	Upper	
97	100		
83	89.6	72.6	108.8
85	57.3	46.9	70.3
99	60.2	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 50.157 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Tgt Ion	69	Resp	204846
Ion Ratio	Lower	Upper	
69	100		
41	77.3	60.2	90.2
39	35.9	27.9	41.9





#57

1,3-Dichloropropane

Concen: 48.459 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

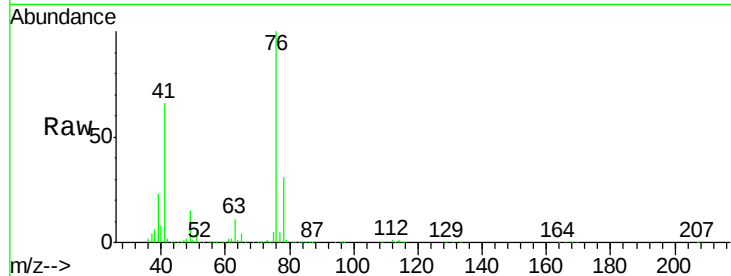
S37-0016MS

Tot Ion: 76 Resp: 196519

Ion Ratio Lower Upper

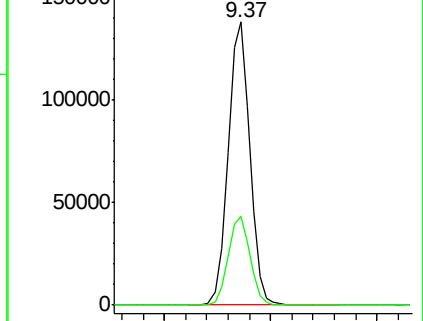
76 100

78 31.7 25.7 38.5

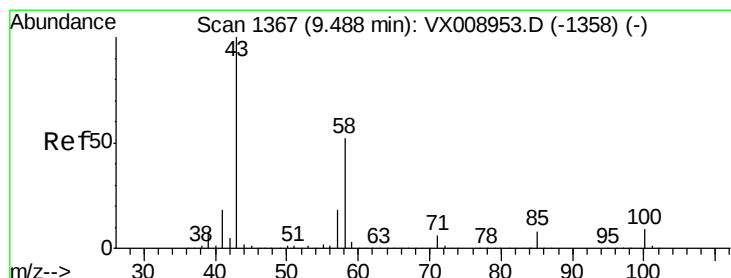
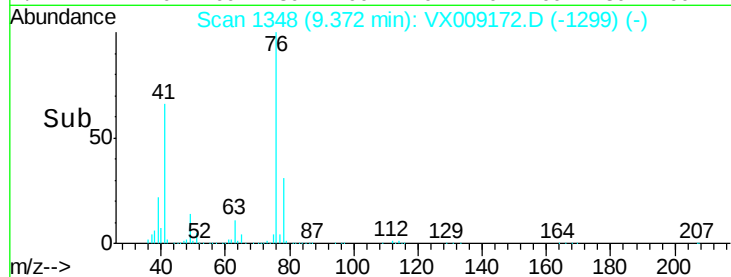


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#59

2-Hexanone

Concen: 273.401 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009172.D

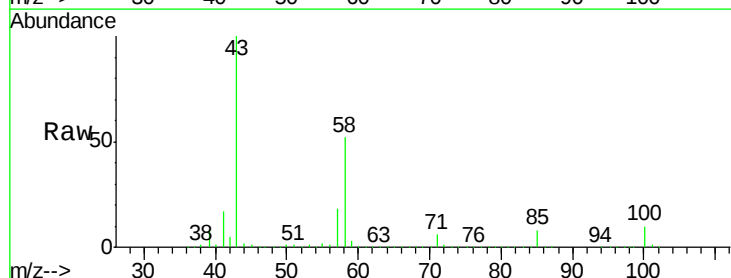
Acq: 25 Apr 2019 19:03

Tgt Ion: 43 Resp: 905135

Ion Ratio Lower Upper

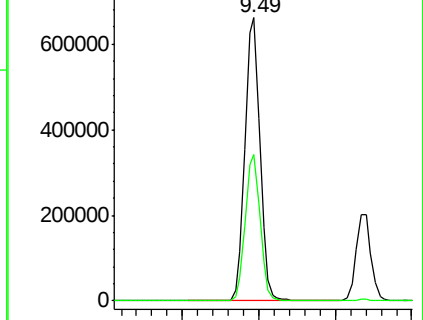
43 100

58 51.4 25.9 77.8

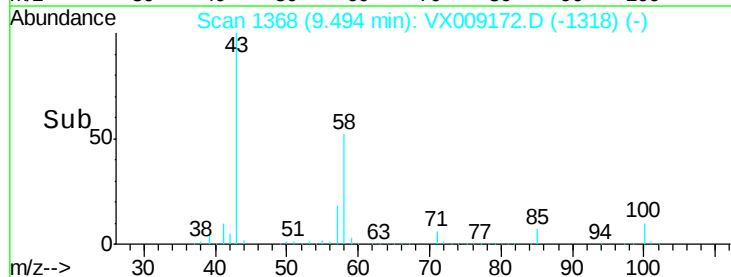


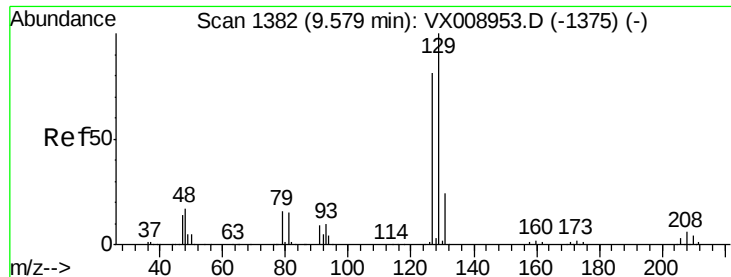
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#60

Dibromochloromethane

Concen: 50.052 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

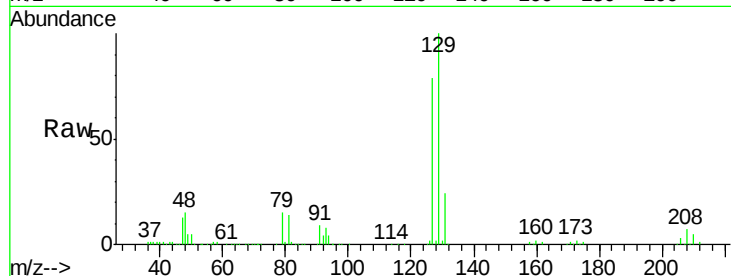
S37-0016MS

Tot Ion:129 Resp: 109261

Ion Ratio Lower Upper

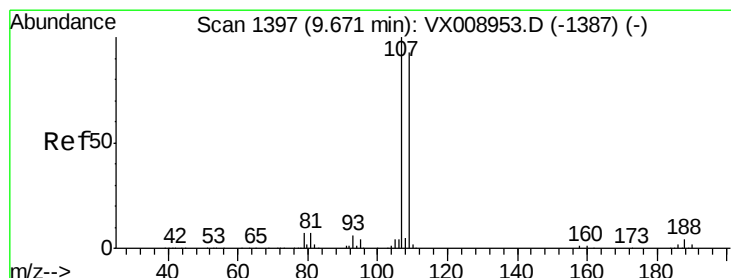
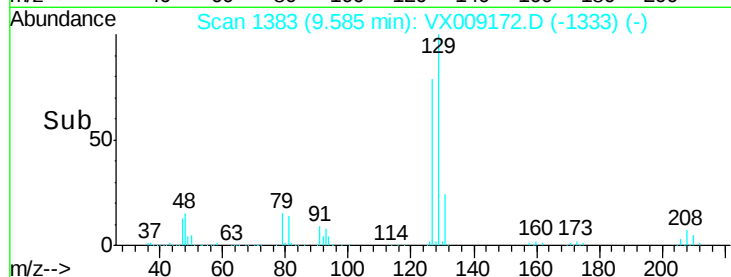
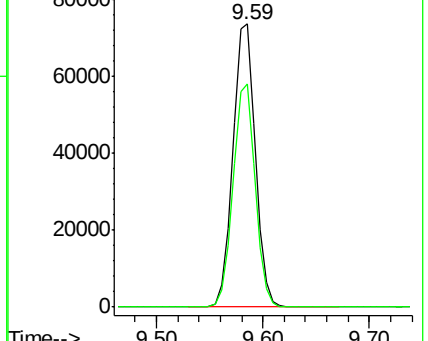
129 100

127 78.0 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: 48.202 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009172.D

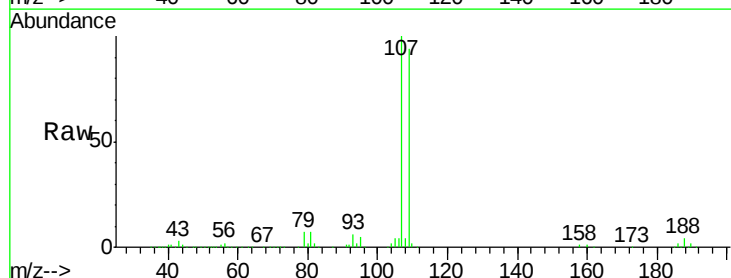
Acq: 25 Apr 2019 19:03

Tgt Ion:107 Resp: 113311

Ion Ratio Lower Upper

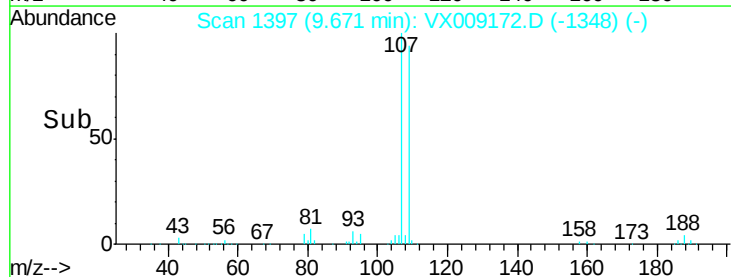
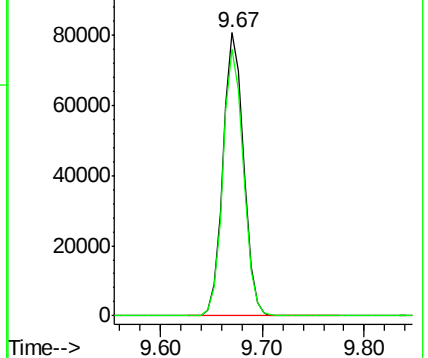
107 100

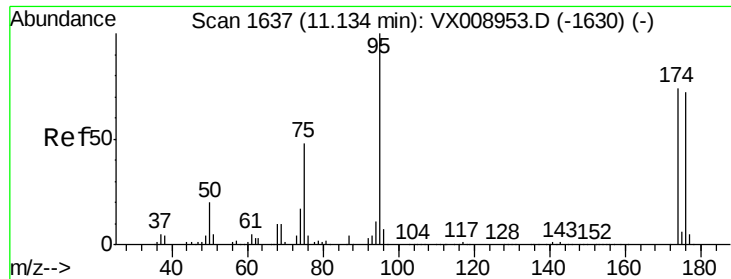
109 94.2 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

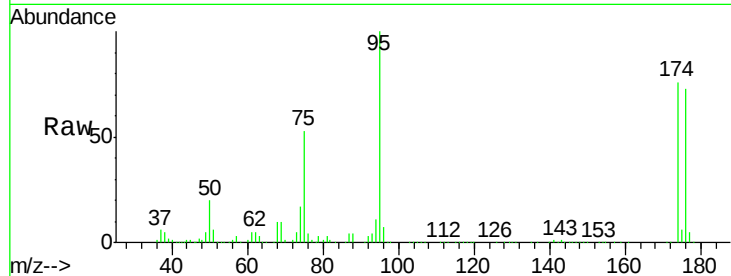




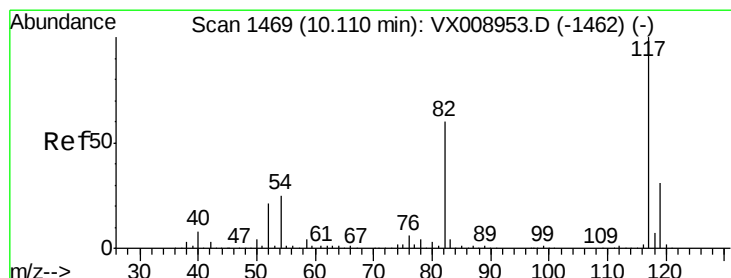
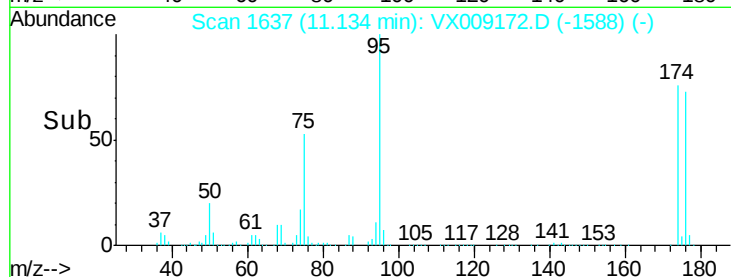
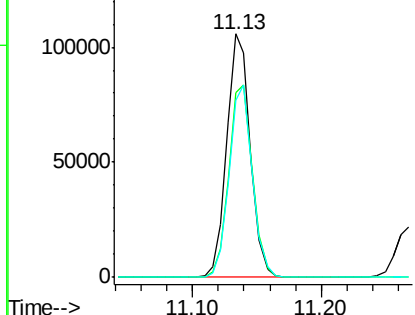
#62
4-Bromofluorobenzene
Concen: 47.671 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

Tot Ion: 95 Resp: 135366
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.6
176 78.0 0.0 154.8

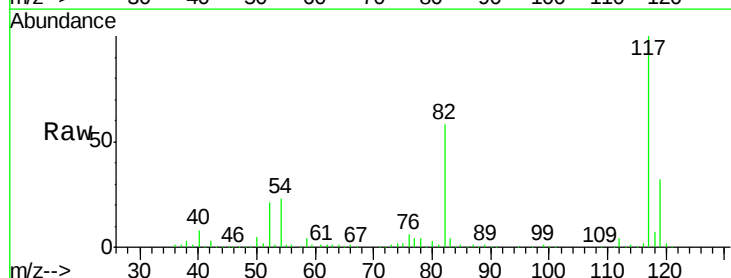


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

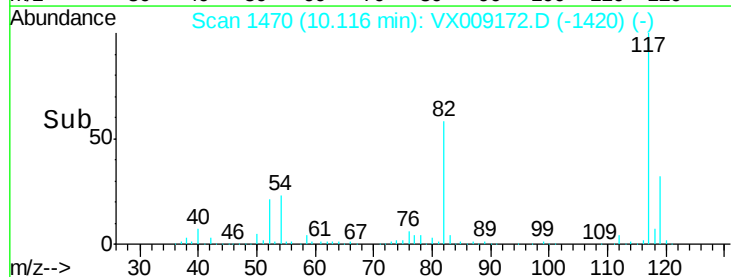
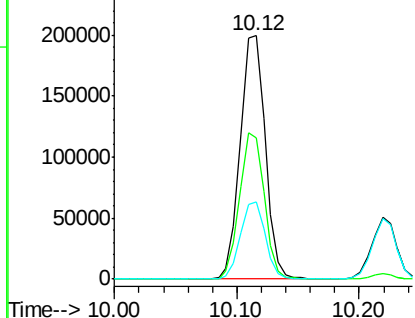


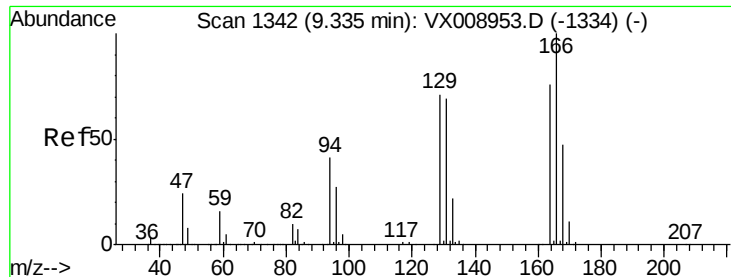
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 117 Resp: 283979
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 31.8 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

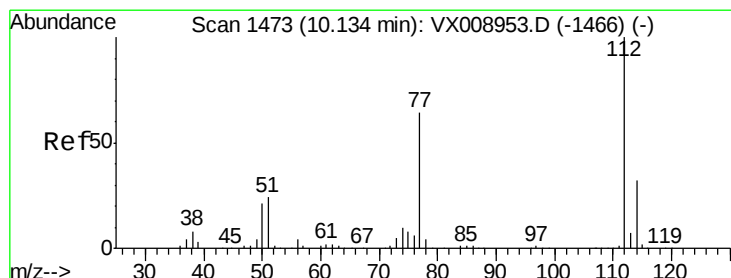
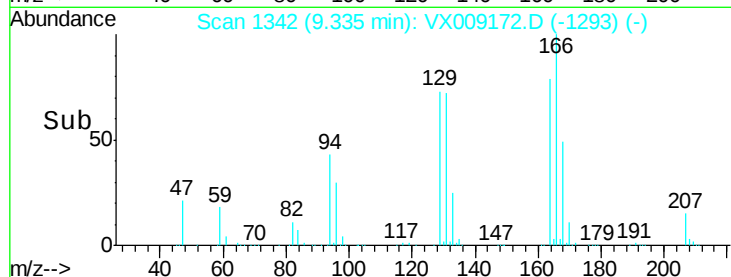
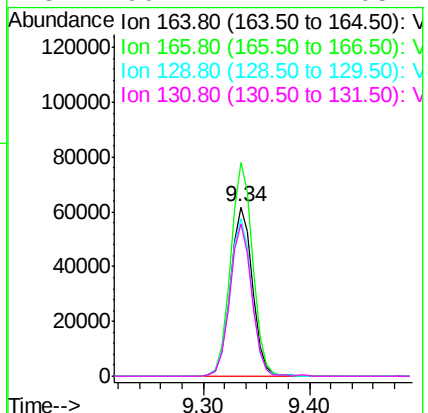
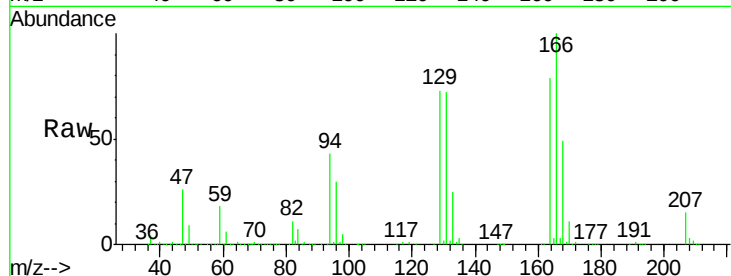




#64
Tetrachloroethene
Concen: 41.768 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

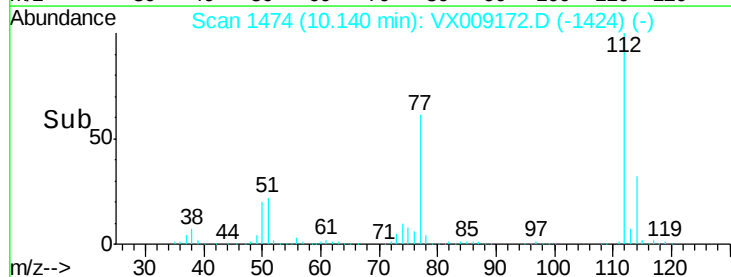
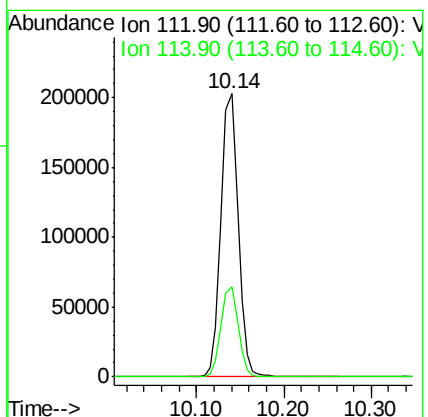
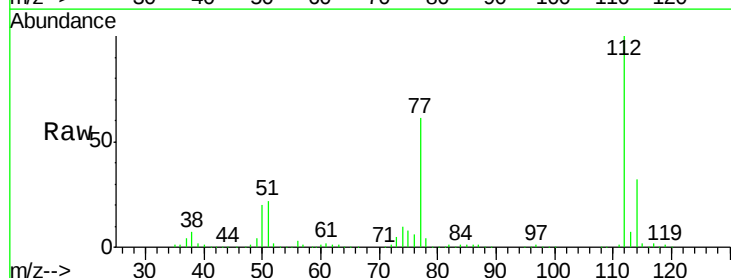
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

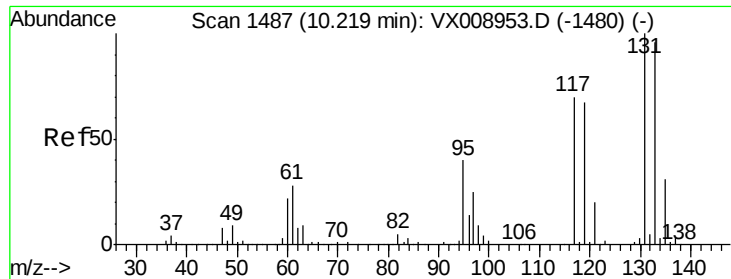
Tot Ion:164 Resp: 90108
Ion Ratio Lower Upper
164 100
166 126.4 105.0 157.4
129 92.9 74.2 111.4
131 90.4 72.2 108.2



#65
Chlorobenzene
Concen: 46.220 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion:112 Resp: 277044
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 47.797 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

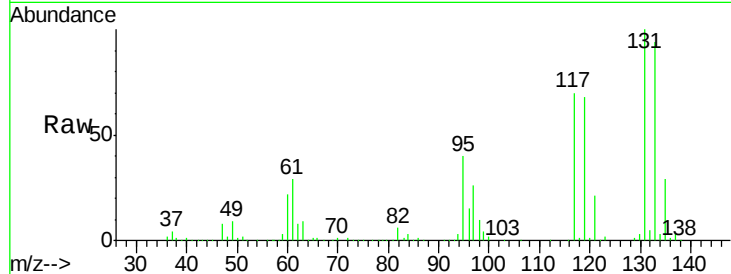
Tot Ion:131 Resp: 100928

Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

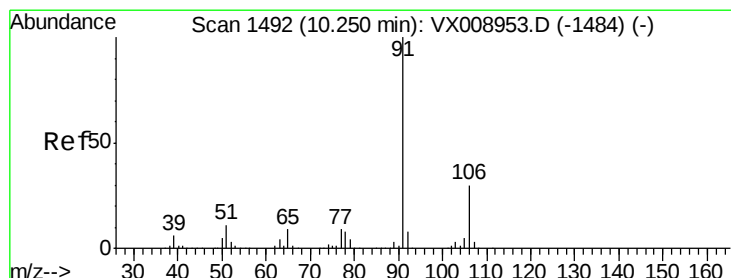
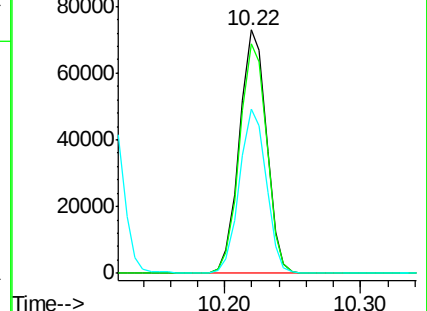
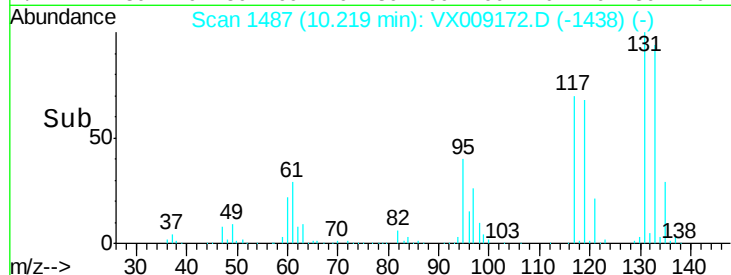
119 67.0 33.7 101.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 46.827 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009172.D

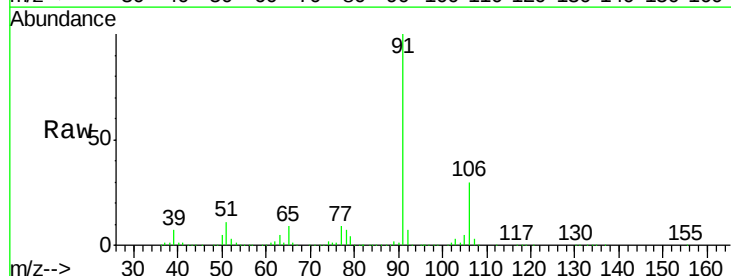
Acq: 25 Apr 2019 19:03

Tgt Ion: 91 Resp: 513102

Ion Ratio Lower Upper

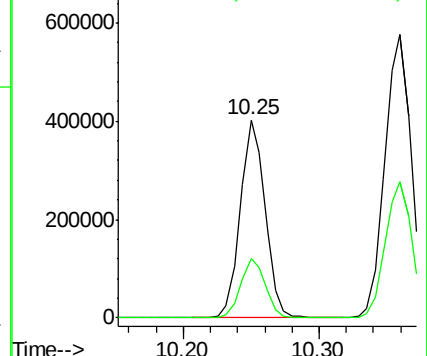
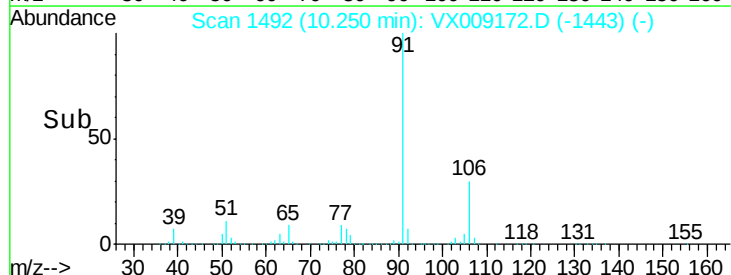
91 100

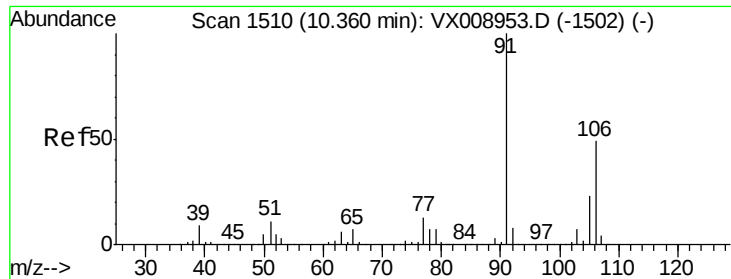
106 30.0 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

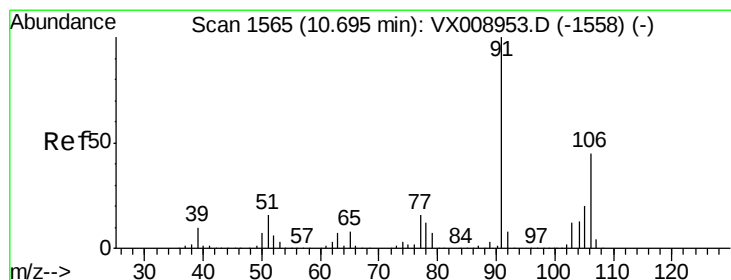
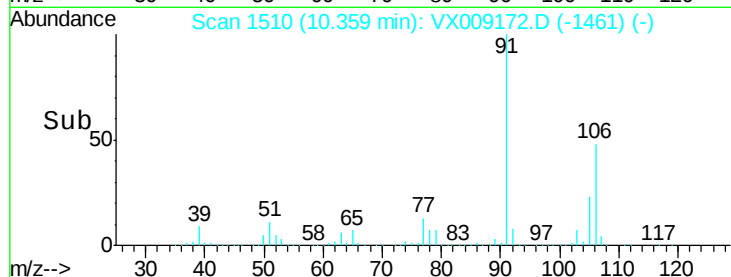
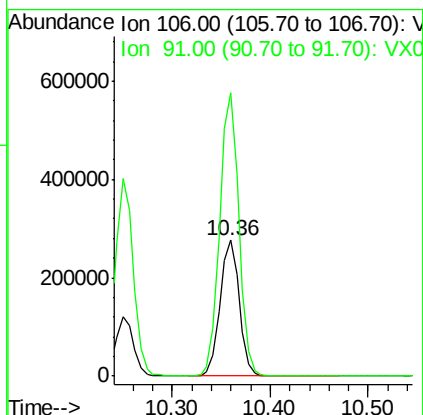
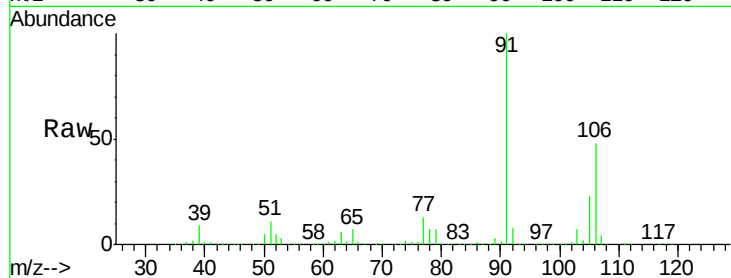




#68
m/p-Xvlenes
Concen: 94.439 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

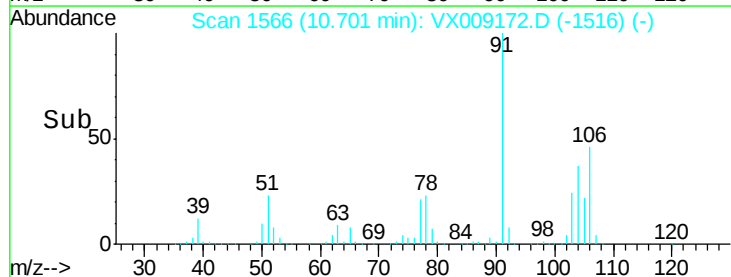
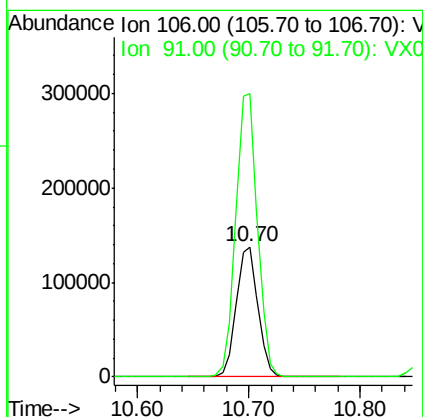
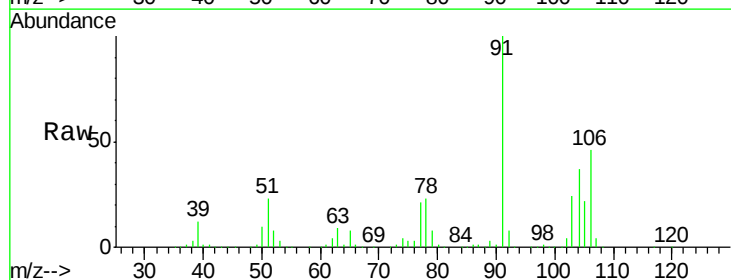
Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

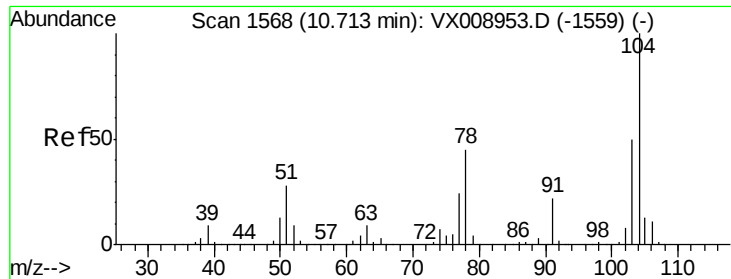
Tot Ion:106 Resp: 376072
Ion Ratio Lower Upper
106 100
91 208.1 165.4 248.2



#69
o-Xylene
Concen: 47.594 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion:106 Resp: 184412
Ion Ratio Lower Upper
106 100
91 219.3 108.9 326.7

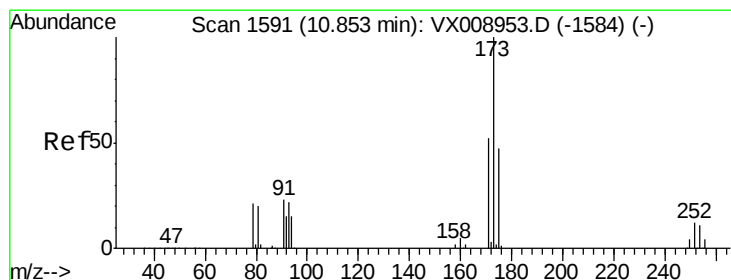
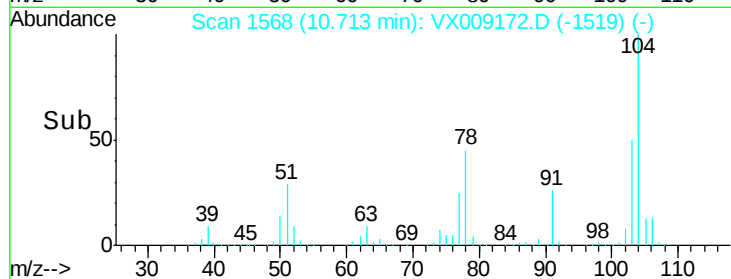
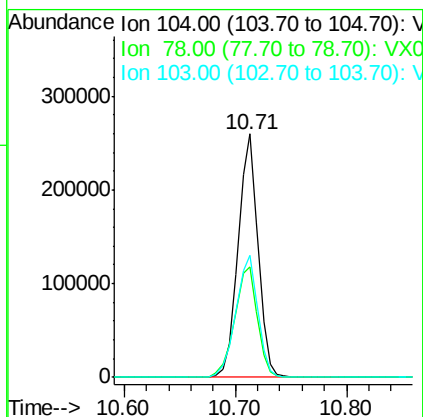
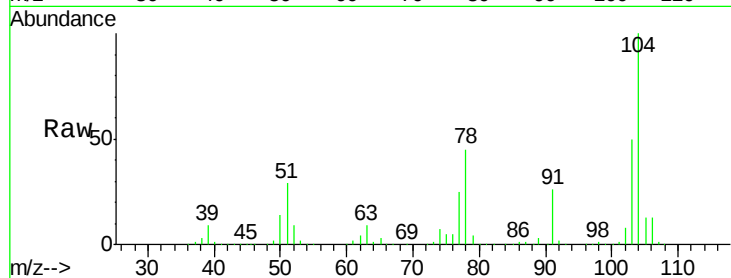




#70
Stvrene
Concen: 47.828 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

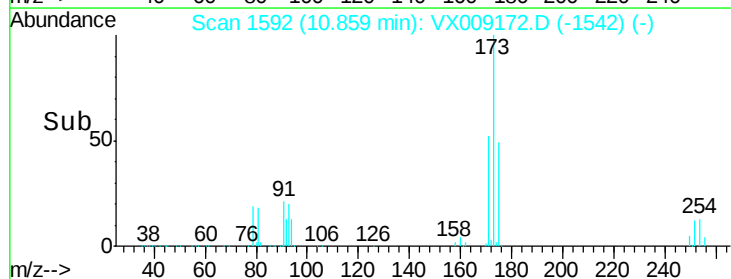
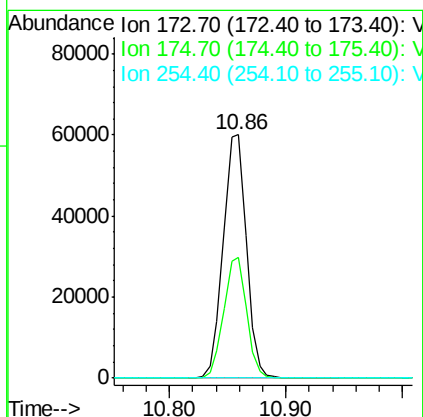
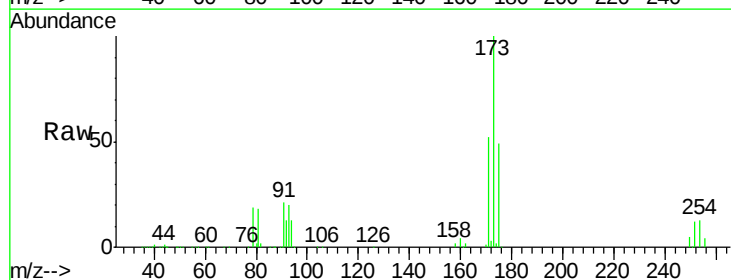
Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

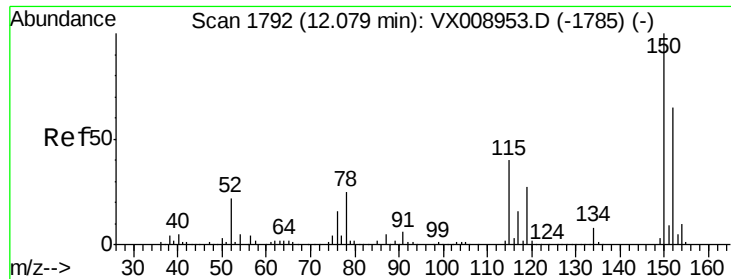
Tot Ion:104 Resp: 321147
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 55.6 43.9 65.9



#71
Bromoform
Concen: 49.210 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion:173 Resp: 82786
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.1 0.2 0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

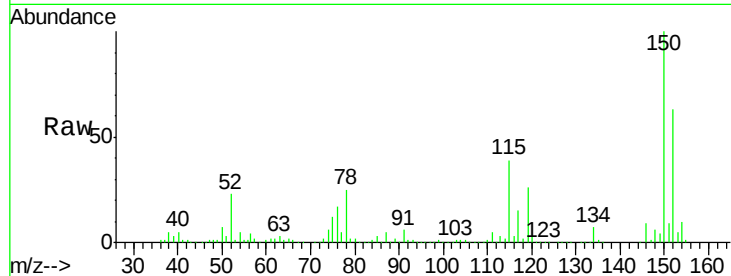
Tot Ion:152 Resp: 135900

Ion Ratio Lower Upper

152 100

115 81.6 41.4 124.2

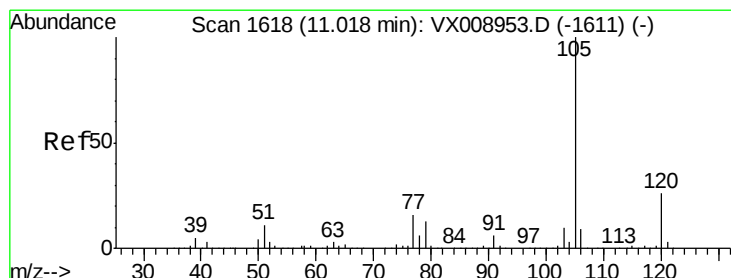
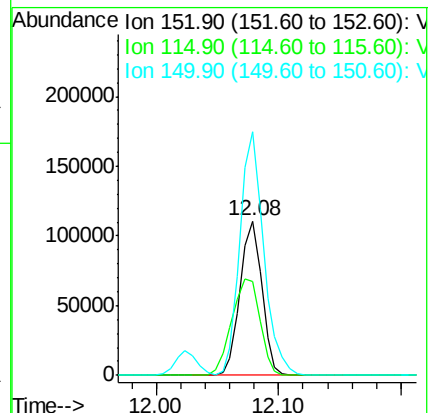
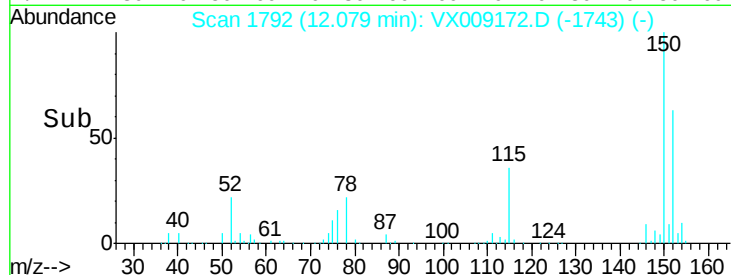
150 172.6 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.507 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009172.D

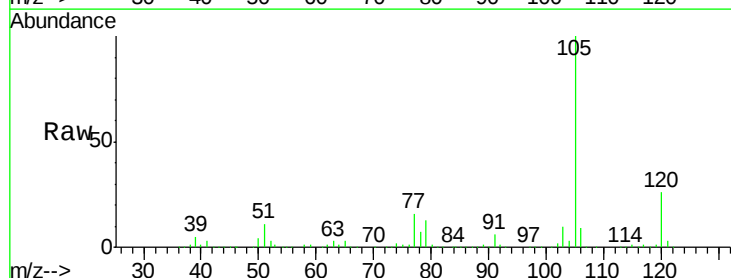
Acq: 25 Apr 2019 19:03

Tgt Ion:105 Resp: 489375

Ion Ratio Lower Upper

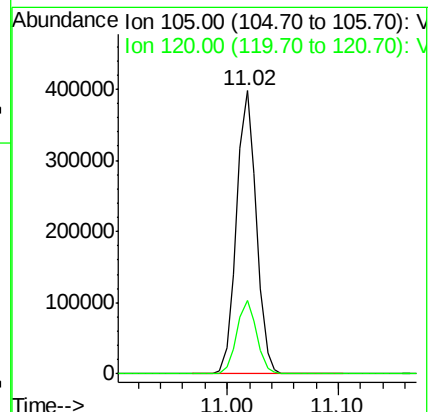
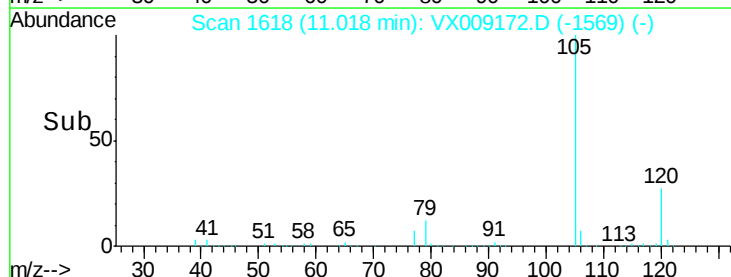
105 100

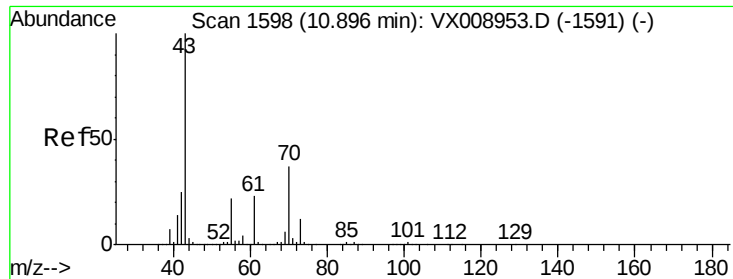
120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.544 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

Tot Ion: 43 Resp: 269376

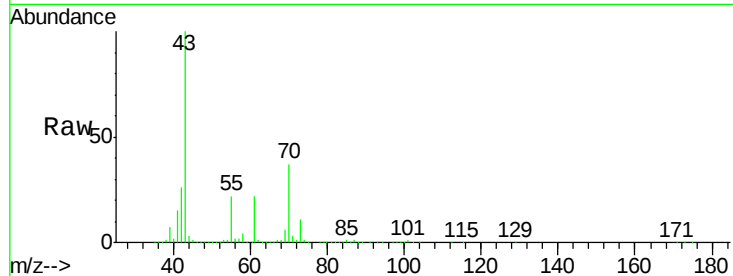
Ion Ratio Lower Upper

43 100

70 37.0 29.9 44.9

55 22.1 17.8 26.8

61 22.6 18.3 27.5

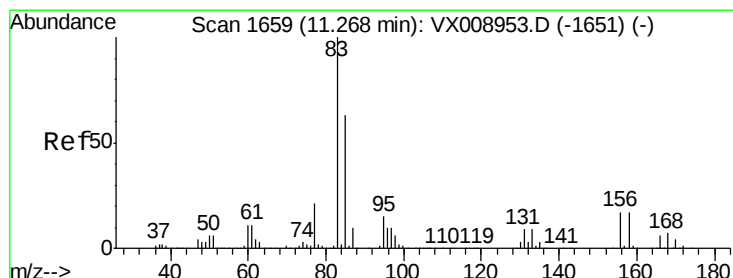
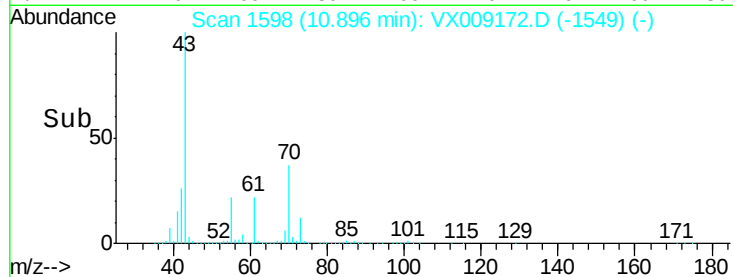
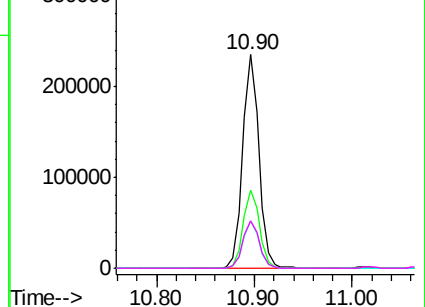


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.144 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

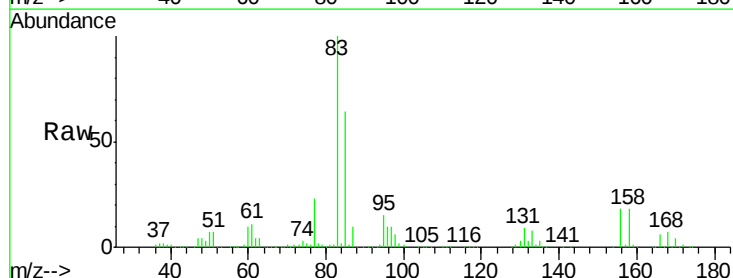
Tgt Ion: 83 Resp: 188732

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

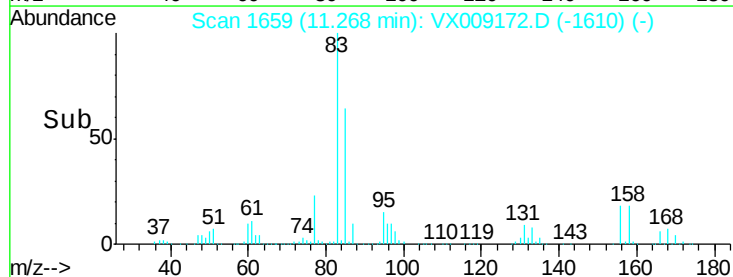
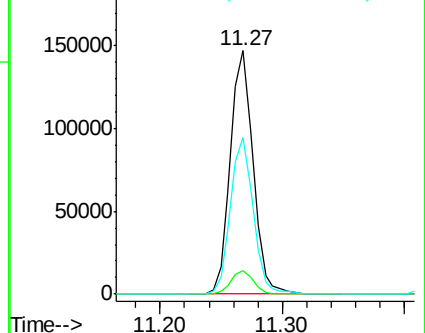
85 64.4 31.9 95.9

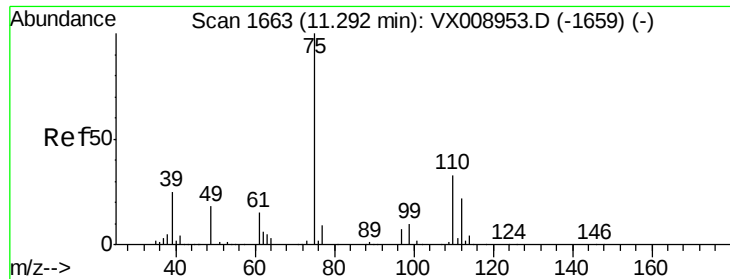


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

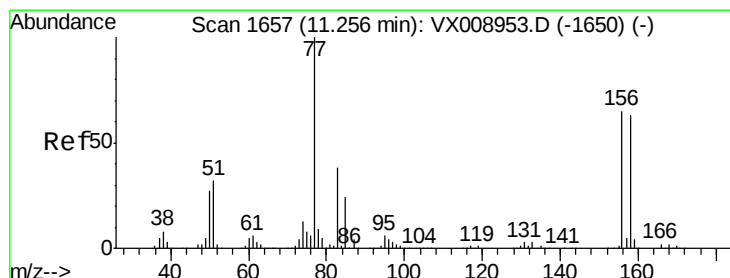
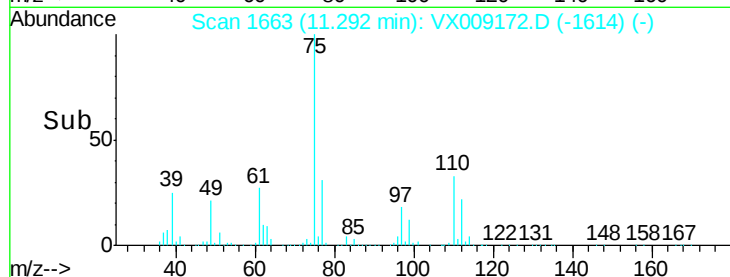
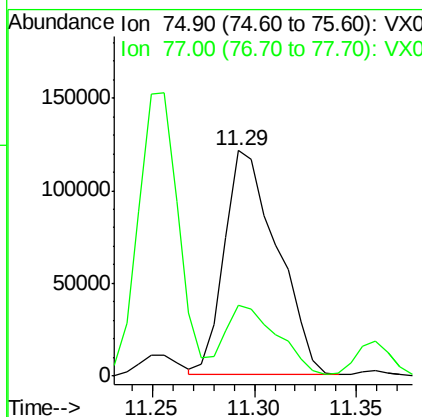
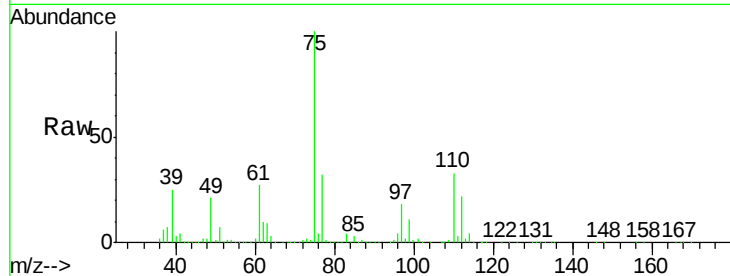




#76
 1,2,3-Trichloropropane
 Concen: 65.580 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

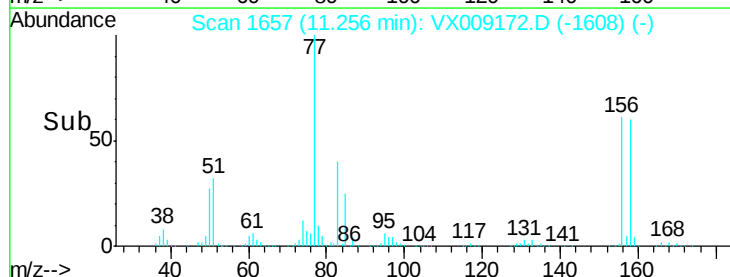
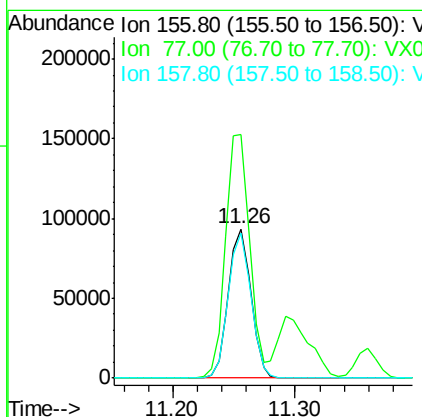
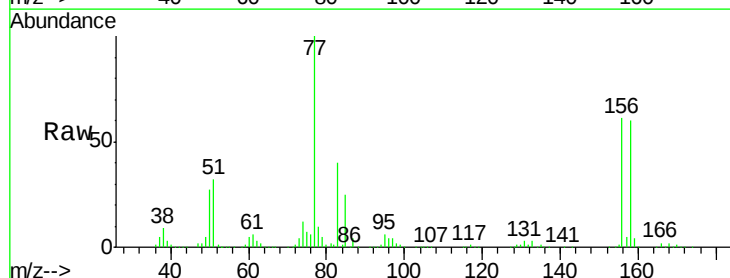
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

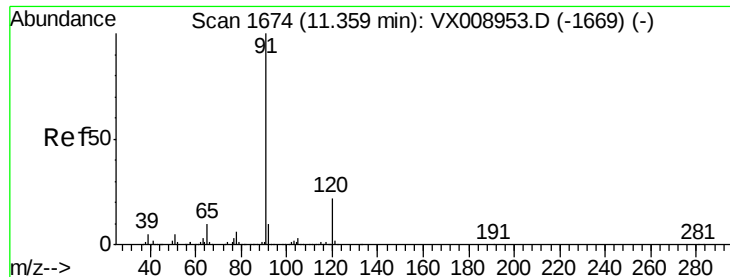
Tot Ion: 75 Resp: 217622
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.7 68.0



#77
 Bromobenzene
 Concen: 46.059 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Tgt Ion: 156 Resp: 119708
 Ion Ratio Lower Upper
 156 100
 77 173.1 85.4 256.1
 158 97.3 48.8 146.4





#78

n-propylbenzene

Concen: 47.748 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampled :

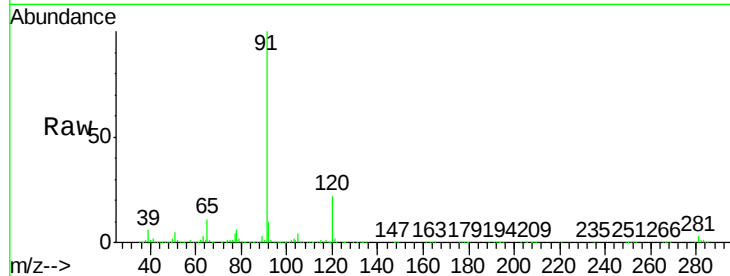
S37-0016MS

Tot Ion: 91 Resp: 564538

Ion Ratio Lower Upper

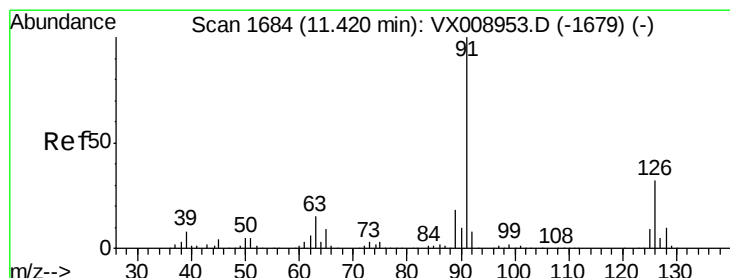
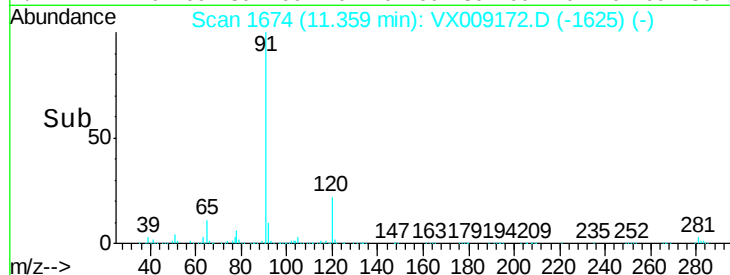
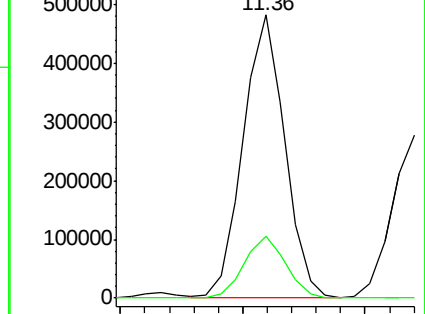
91 100

120 22.1 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: 47.233 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009172.D

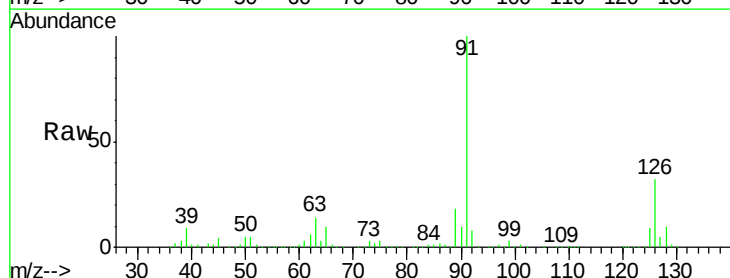
Acq: 25 Apr 2019 19:03

Tgt Ion: 91 Resp: 336522

Ion Ratio Lower Upper

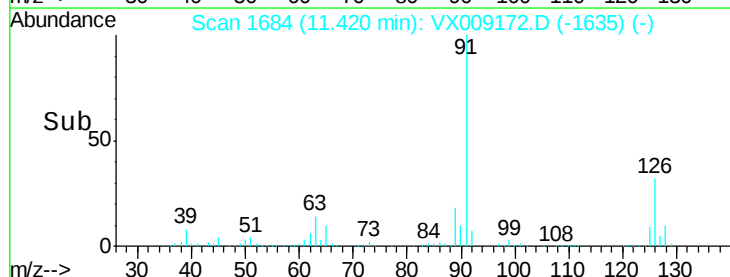
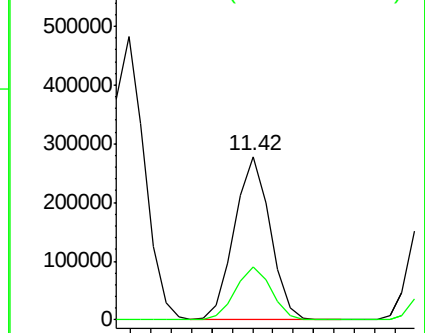
91 100

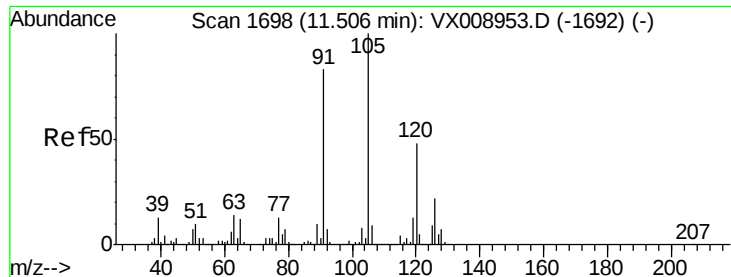
126 32.6 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

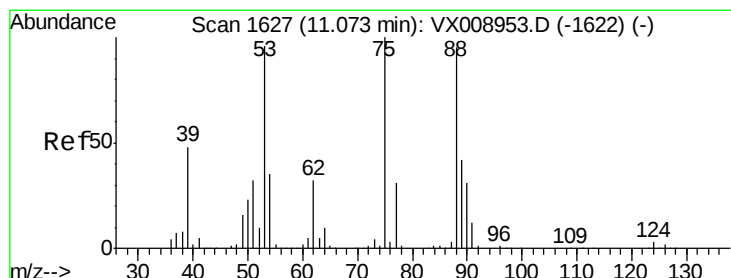
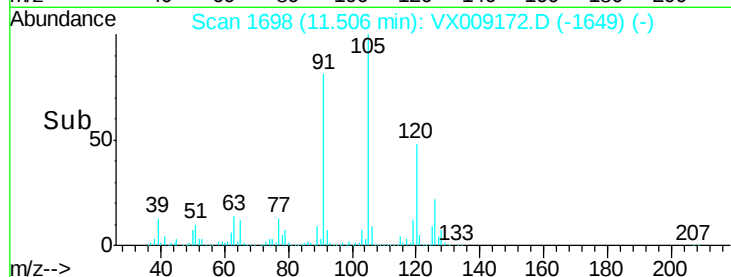
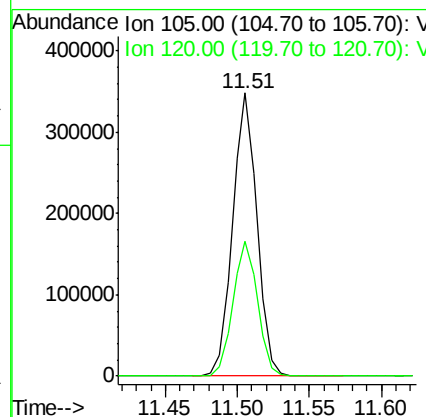
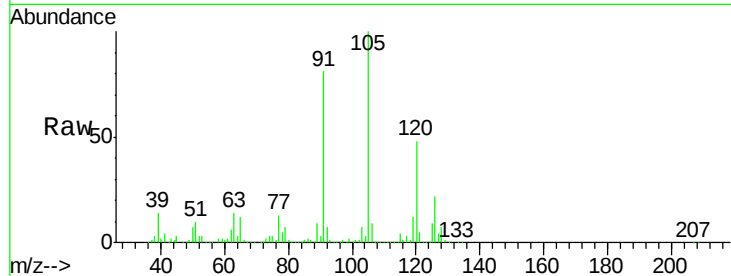




#80
 1,3,5-Trimethylbenzene
 Concen: 47.768 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

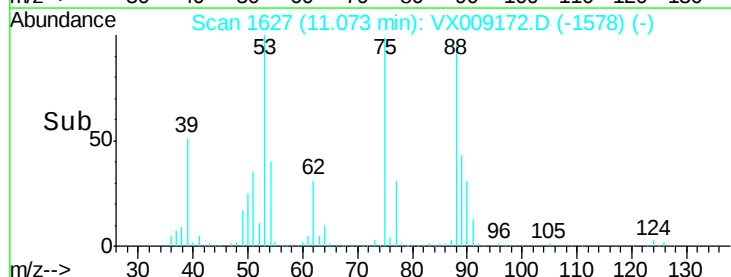
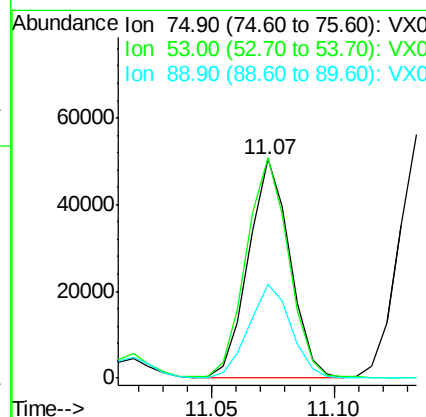
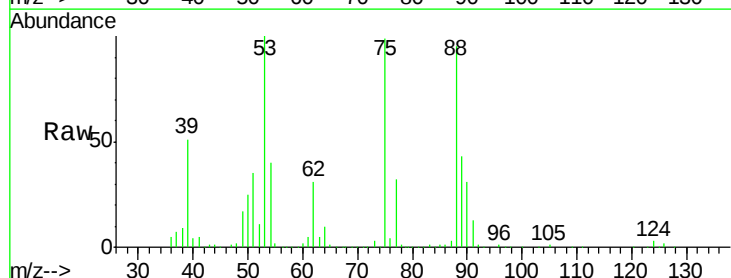
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

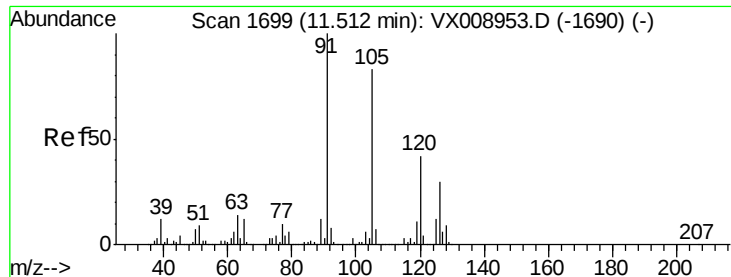
Tot Ion:105 Resp: 412919
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.798 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Tgt Ion: 75 Resp: 59197
 Ion Ratio Lower Upper
 75 100
 53 103.3 78.2 117.4
 89 44.0 36.0 54.0

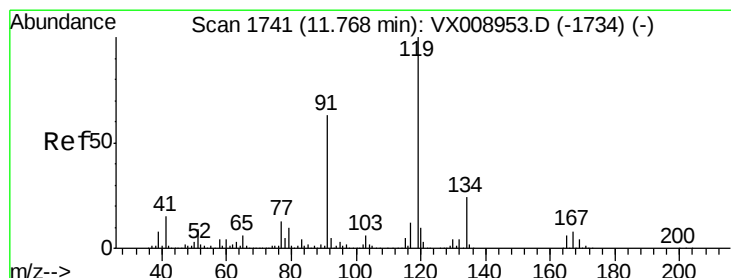
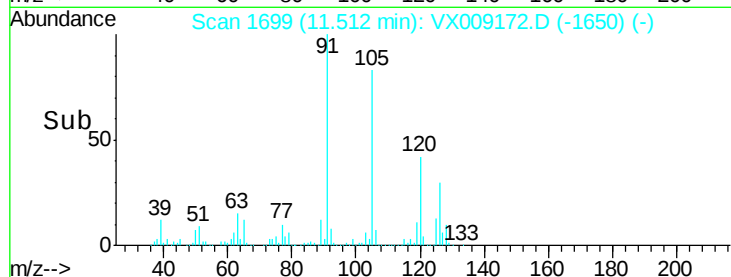
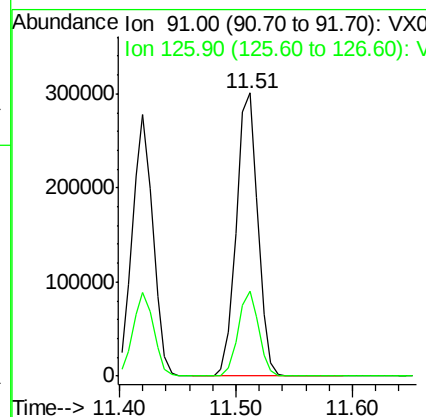
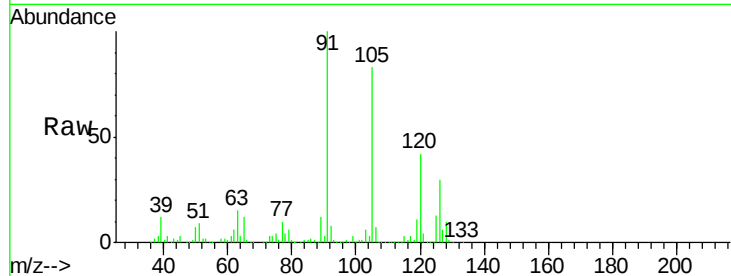




#82
4-Chlorotoluene
Concen: 46.995 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

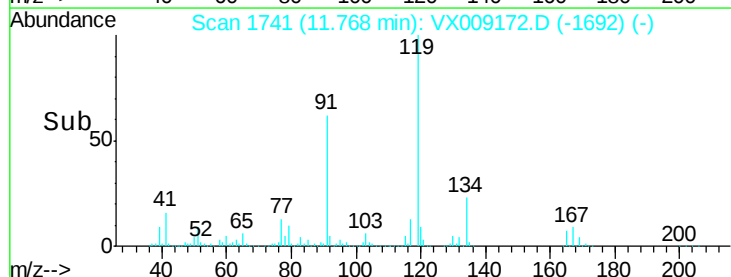
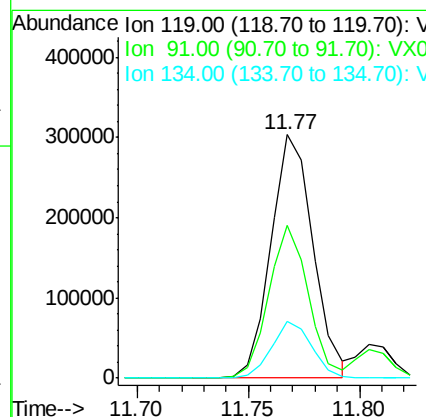
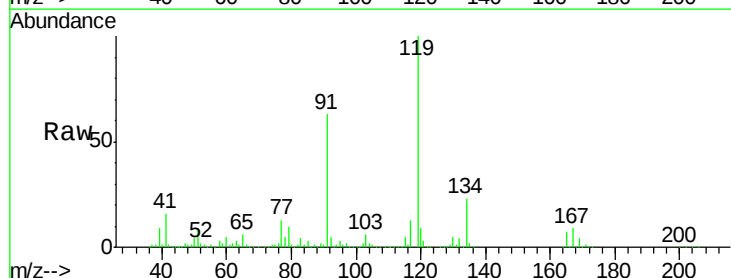
Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

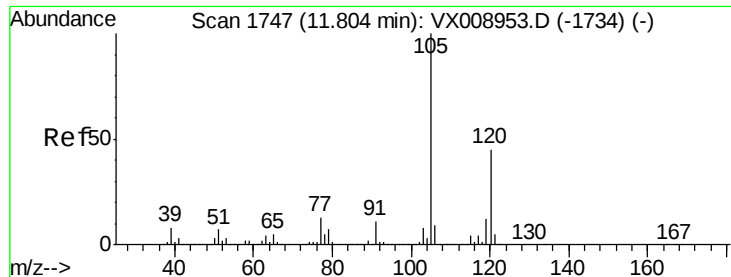
Tot Ion: 91 Resp: 388860
Ion Ratio Lower Upper
91 100
126 28.6 14.3 42.9



#83
tert-Butylbenzene
Concen: 47.947 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion: 119 Resp: 397922
Ion Ratio Lower Upper
119 100
91 58.9 29.7 89.1
134 22.4 11.2 33.5

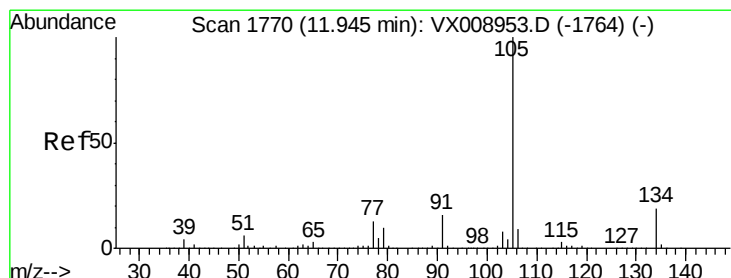
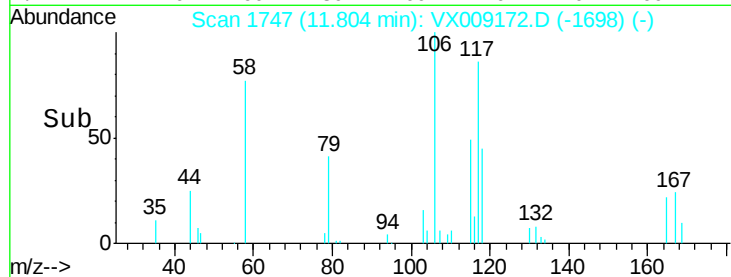
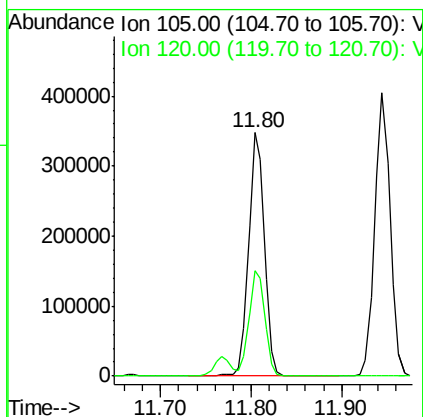
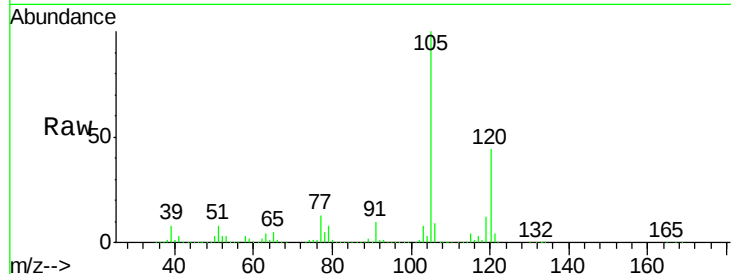




#84
 1,2,4-Trimethylbenzene
 Concen: 47.536 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

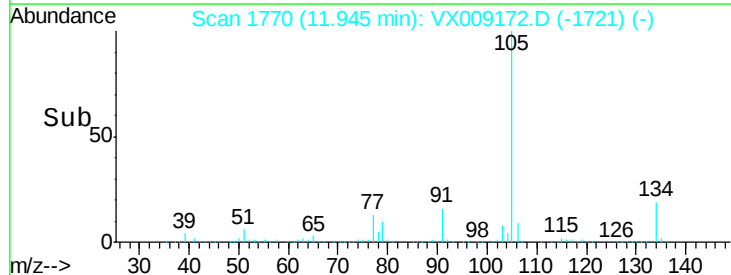
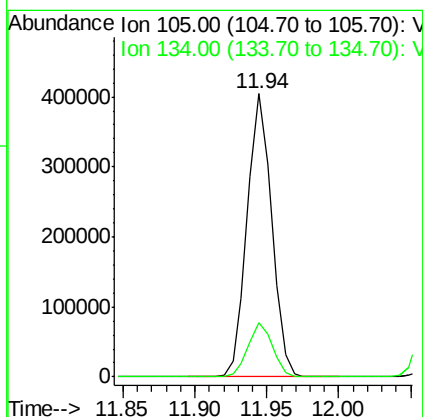
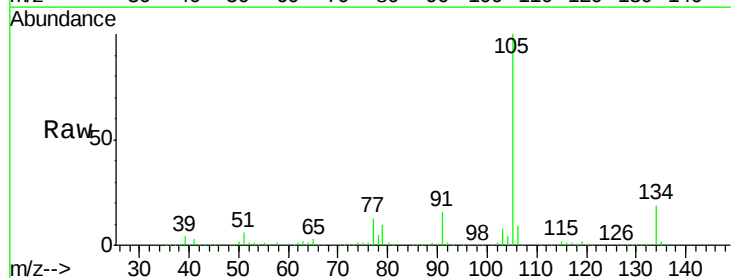
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

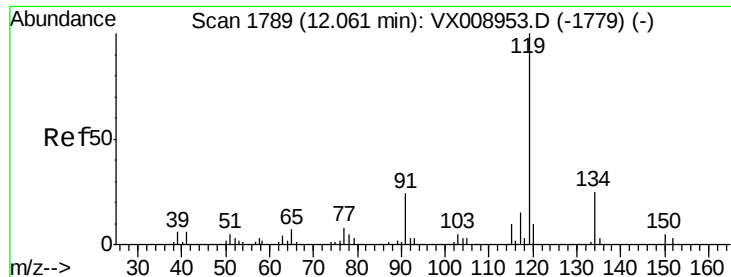
Tot Ion:105 Resp: 418272
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.9 65.8



#85
 sec-Butylbenzene
 Concen: 48.013 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Tgt Ion:105 Resp: 475246
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6





#86

p-Isopropyltoluene

Concen: 47.403 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

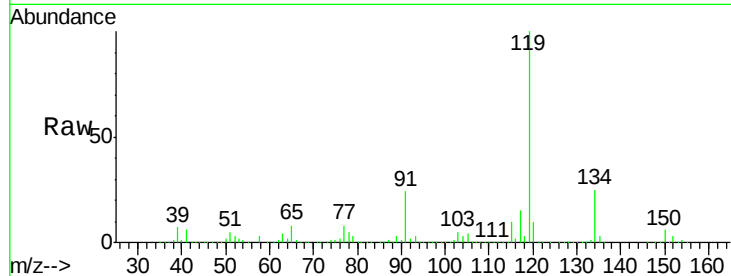
Tot Ion:119 Resp: 431378

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

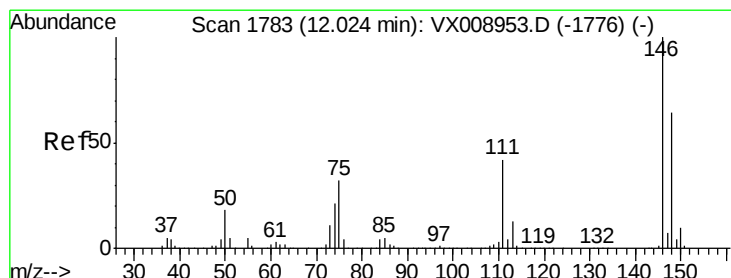
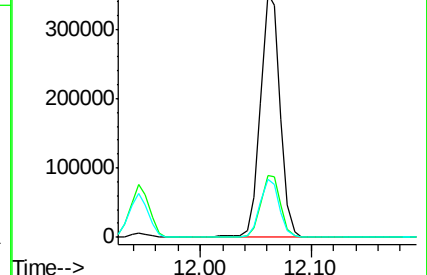
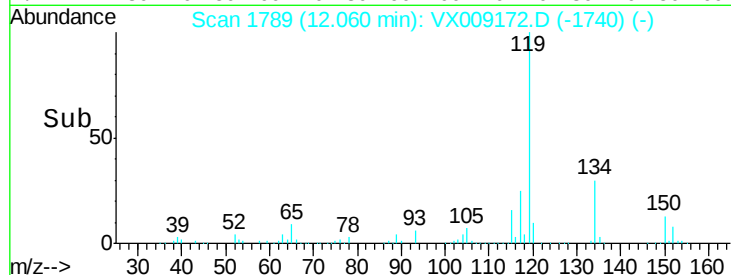
91 23.7 11.9 35.5



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): V



#87

1,3-Dichlorobenzene

Concen: 46.484 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

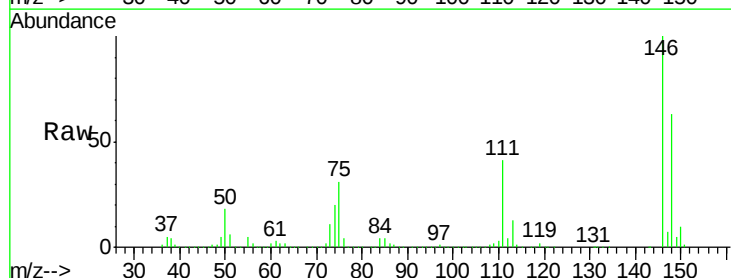
Tgt Ion:146 Resp: 211452

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.6

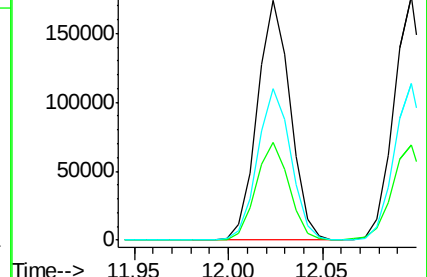
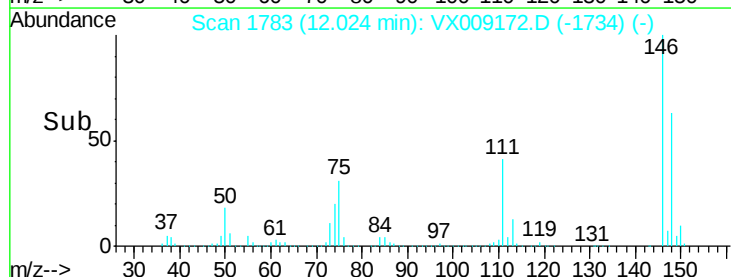
148 63.7 32.2 96.6

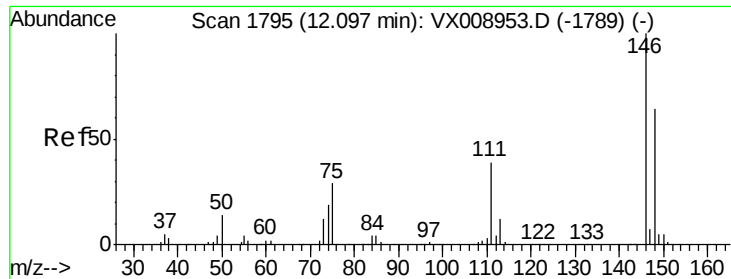


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 45.581 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

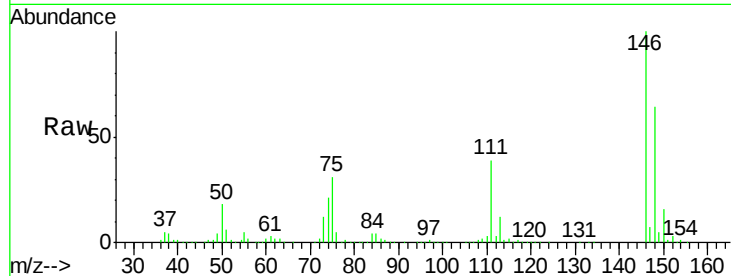
Tot Ion:146 Resp: 210184

Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

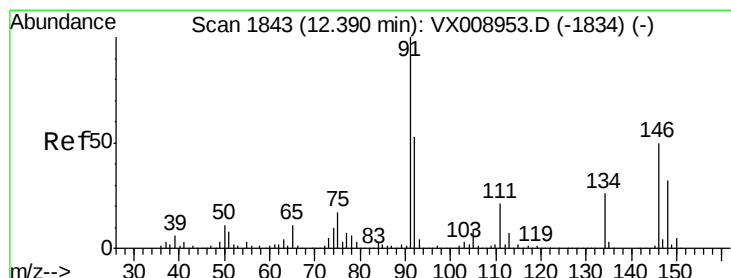
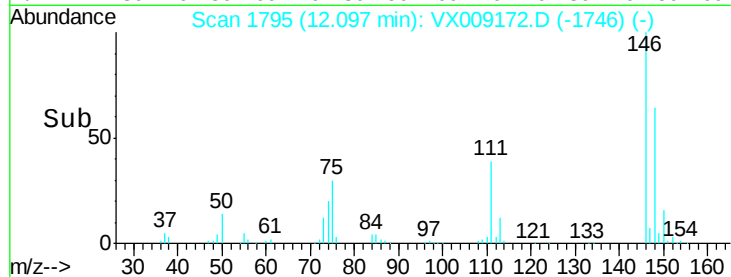
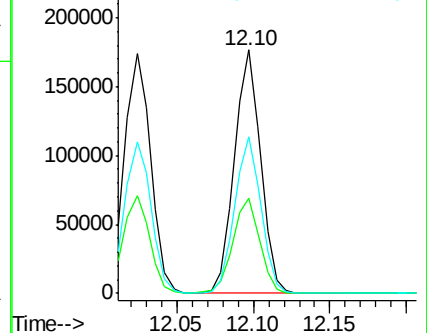
148 64.4 32.2 96.6



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: 45.767 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

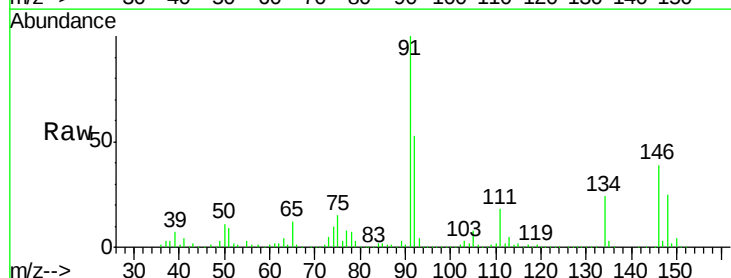
Tgt Ion: 91 Resp: 387883

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.8

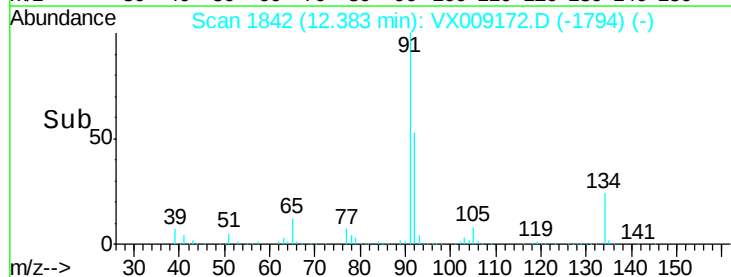
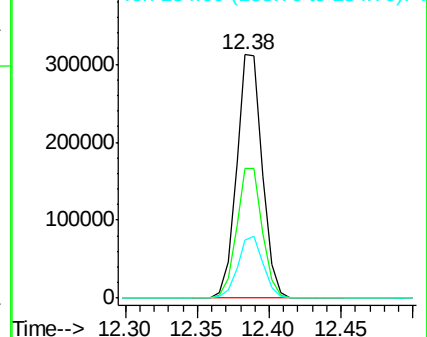
134 25.0 12.4 37.2

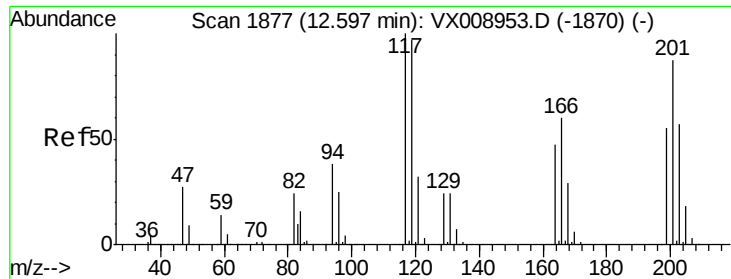


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

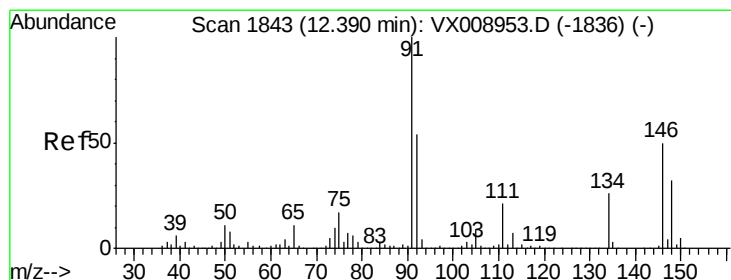
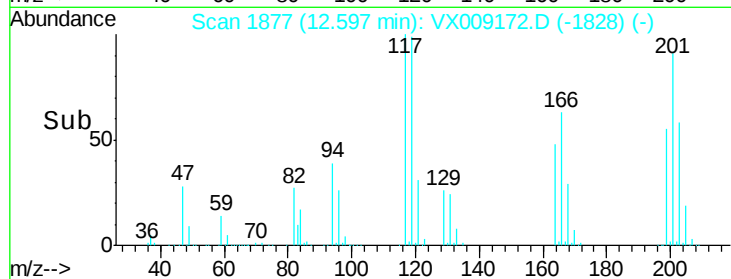
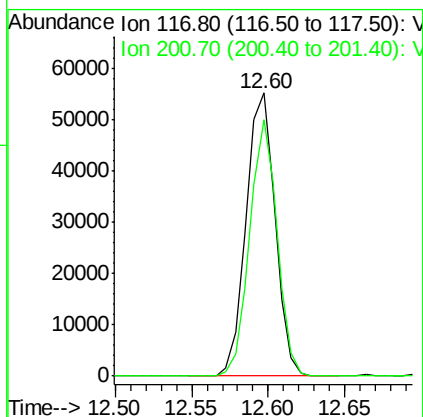
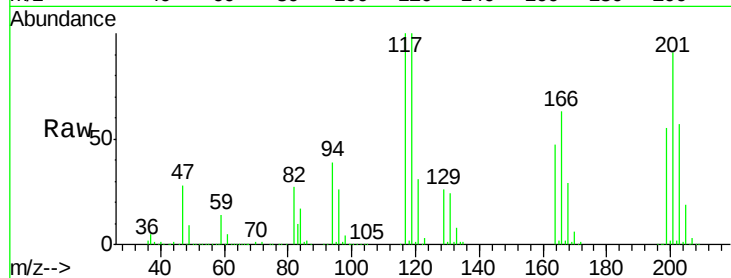




#90
Hexachloroethane
Concen: 48.481 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

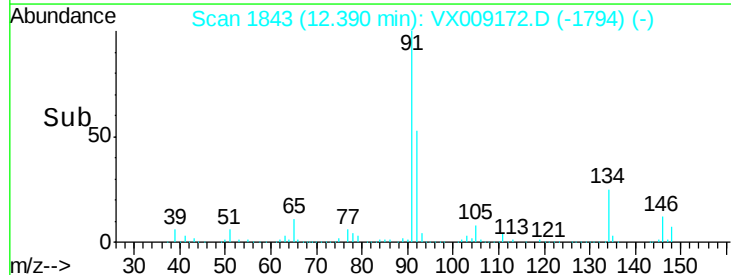
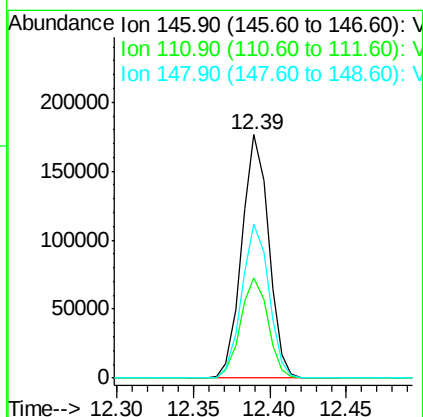
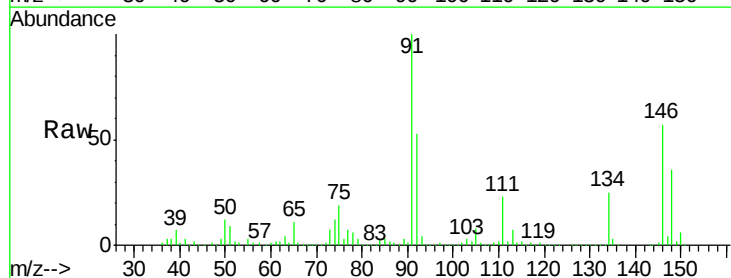
Instrument :
MSVOA_X
ClientSampled :
S37-0016MS

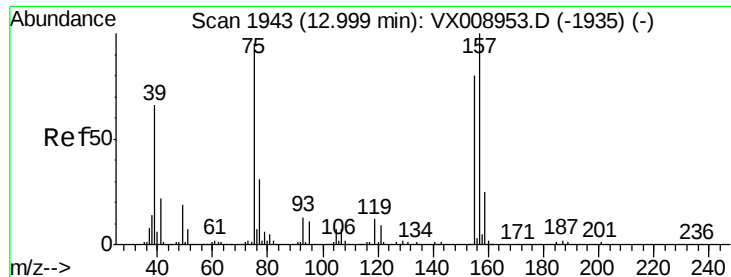
Tot Ion:117 Resp: 72776
Ion Ratio Lower Upper
117 100
201 85.6 43.0 129.0



#91
1,2-Dichlorobenzene
Concen: 48.129 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009172.D
Acq: 25 Apr 2019 19:03

Tgt Ion:146 Resp: 216190
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.9
148 63.6 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.276 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

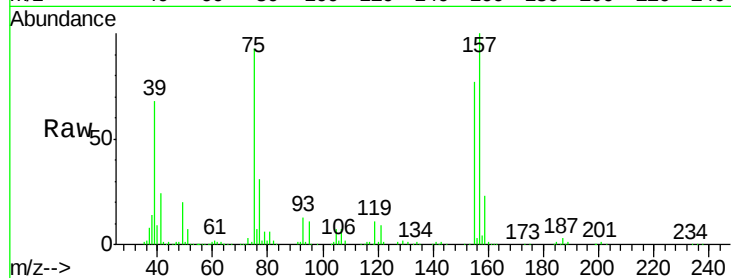
MSVOA_X

ClientSampleId :

S37-0016MS

Tot Ion: 75 Resp: 43941

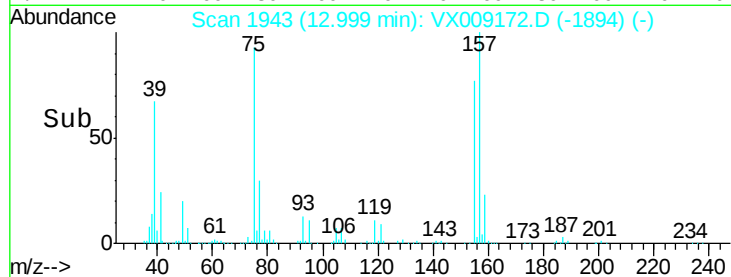
Ion	Ratio	Lower	Upper
75	100		
155	80.5	41.2	123.6
157	105.7	52.5	157.6



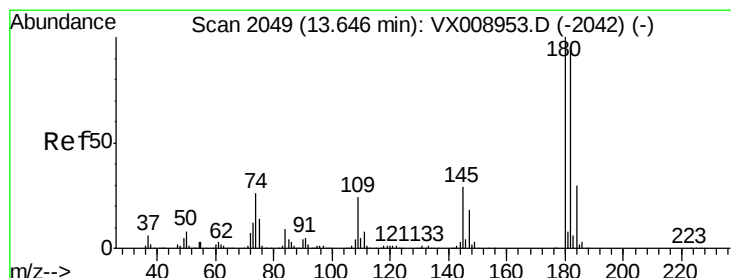
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 45.942 ug/l

RT: 13.65 min Scan# 2049

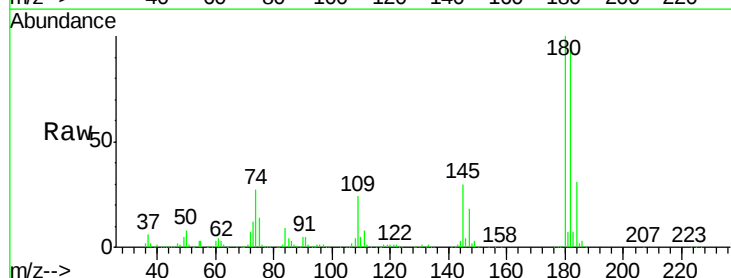
Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Tgt Ion:180 Resp: 148968

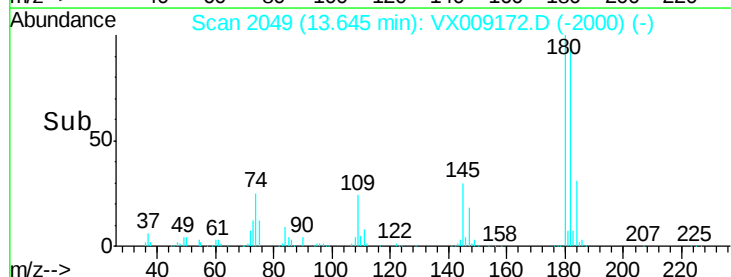
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.6	142.9
145	29.8	14.8	44.4



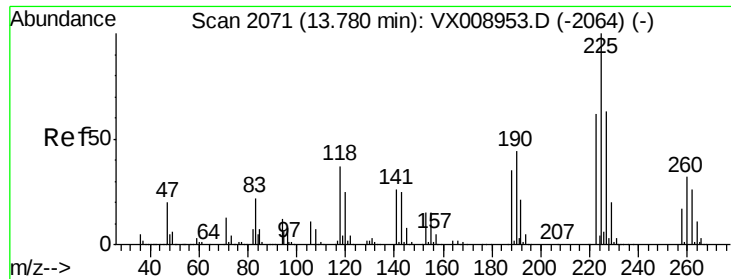
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#94

Hexachlorobutadiene

Concen: 45.776 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

S37-0016MS

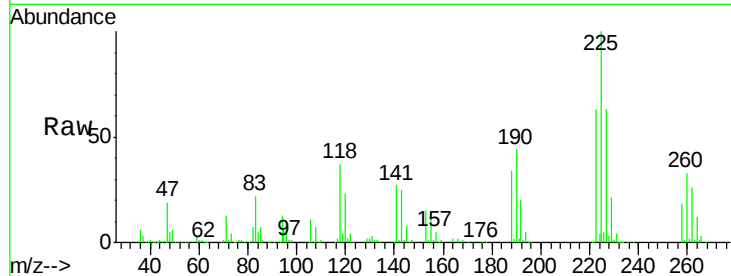
Tot Ion:225 Resp: 74030

Ion Ratio Lower Upper

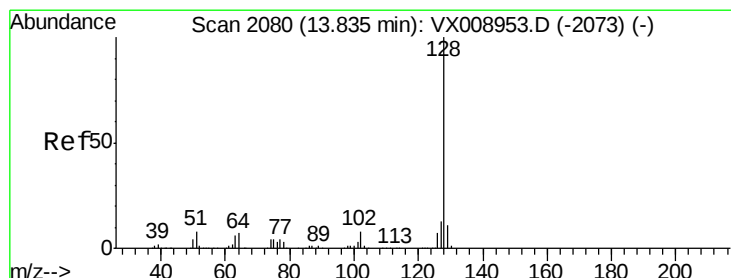
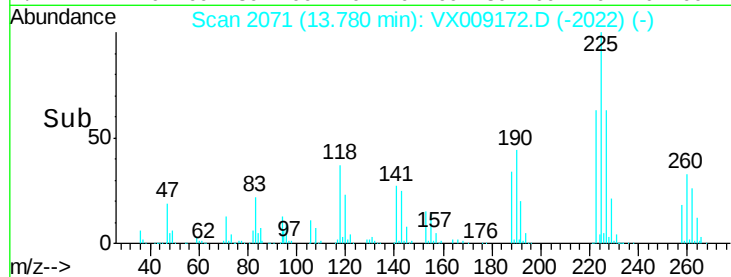
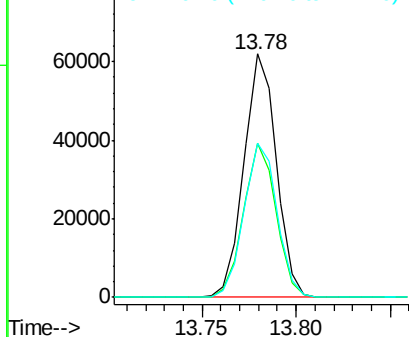
225 100

223 63.3 31.1 93.2

227 64.7 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: 48.662 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009172.D

Acq: 25 Apr 2019 19:03

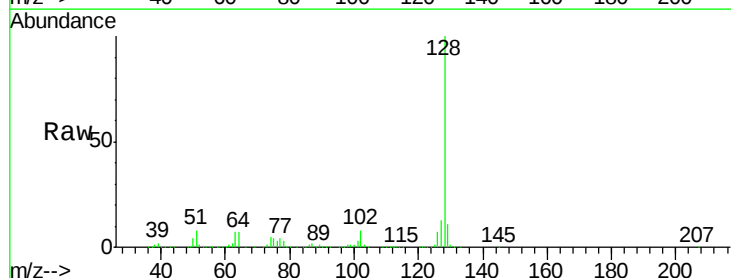
Tgt Ion:128 Resp: 505531

Ion Ratio Lower Upper

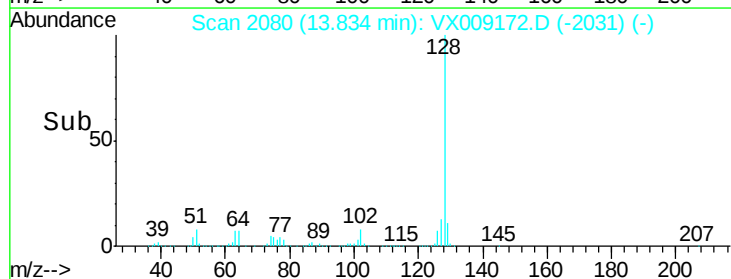
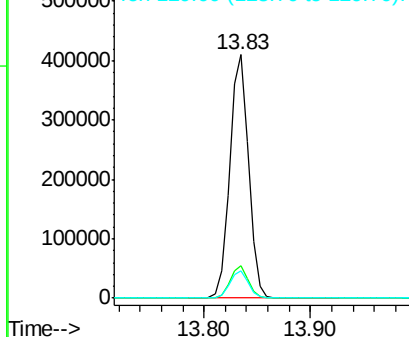
128 100

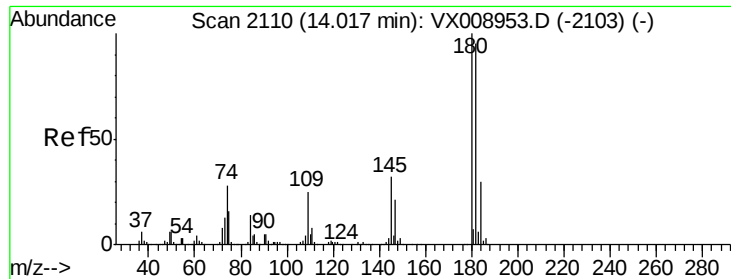
127 13.0 10.6 16.0

129 10.9 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: 47.066 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009172.D
 Acq: 25 Apr 2019 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	31.8	15.8	47.3

