

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041519\
 Data File : VX008965.D
 Acq On : 15 Apr 2019 17:09
 Operator : JC/SP
 Sample : K2241-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 03:24:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345884	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133957	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	152300	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	5.50	113	108397	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	446081	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	151788	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	4564	1.862 ug/l	98
3) Chloromethane	1.32	50	6847	2.275 ug/l	100
4) Vinyl Chloride	1.41	62	5678	1.939 ug/l	98
5) Bromomethane	1.64	94	5778	6.756 ug/l	98
6) Chloroethane	1.70	64	4305	2.500 ug/l #	88
7) Trichlorofluoromethane	1.92	101	7271	2.126 ug/l	96
8) Diethyl Ether	2.19	74	3588	2.294 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4674	2.138 ug/l	98
10) Methyl Iodide	2.50	142	15299	10.250 ug/l	99
11) Tert butyl alcohol	3.07	59	32602	48.975 ug/l	98
12) 1,1-Dichloroethene	2.37	96	4451	1.950 ug/l	95
13) Acrolein	2.29	56	23456	40.780 ug/l	98
14) Allyl chloride	2.73	41	10536	2.116 ug/l	95
15) Acrylonitrile	3.15	53	17328	10.254 ug/l	96
16) Acetone	2.45	43	15902	10.225 ug/l	95
17) Carbon Disulfide	2.56	76	13314	3.188 ug/l	96
18) Methyl Acetate	2.78	43	9690	2.497 ug/l	95
19) Methyl tert-butyl Ether	3.20	73	18188	2.237 ug/l	96
20) Methylene Chloride	2.85	84	6249	2.350 ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	5138	2.111 ug/l	89
22) Diisopropyl ether	3.86	45	21425	2.215 ug/l	94
23) Vinyl Acetate	3.82	43	85987	10.111 ug/l	98
24) 1,1-Dichloroethane	3.70	63	10631	2.189 ug/l	94
25) 2-Butanone	4.68	43	25612	10.303 ug/l	100
26) 2,2-Dichloropropane	4.59	77	7504	2.061 ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	6017	2.177 ug/l	93
28) Bromochloromethane	5.01	49	5607	0.885 ug/l	91
29) Tetrahydrofuran	5.14	42	17865	10.737 ug/l	99
30) Chloroform	5.21	83	9483	2.182 ug/l	93
31) Cyclohexane	5.58	56	10219	2.139 ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	7546	2.095 ug/l	99
36) 1,1-Dichloropropene	5.81	75	7432	2.078 ug/l	97
37) Ethyl Acetate	4.84	43	9261	2.012 ug/l #	89
38) Carbon Tetrachloride	5.78	117	6407	2.113 ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 03:24:11 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	9000	2.066	ug/l	98
40) Benzene	6.15	78	22422	2.125	ug/l	96
41) Methacrylonitrile	5.05	41	5129	1.941	ug/l	92
42) 1,2-Dichloroethane	6.19	62	8660	2.317	ug/l	98
43) Isopropyl Acetate	6.45	43	15236	2.054	ug/l	97
44) Trichloroethene	7.21	130	5381	2.081	ug/l	89
45) 1,2-Dichloropropane	7.51	63	6354	2.170	ug/l #	88
46) Dibromomethane	7.66	93	3634	2.133	ug/l	96
47) Bromodichloromethane	7.90	83	6530	1.954	ug/l #	89
48) Methyl methacrylate	7.77	41	7229	1.972	ug/l	95
49) 1,4-Dioxane	7.75	88	2920	42.565	ug/l #	87
51) 4-Methyl-2-Pentanone	8.64	43	47173	9.982	ug/l	99
52) Toluene	8.78	92	13838	2.188	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	7112	1.849	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	8190	1.902	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	5045	2.013	ug/l	95
56) Ethyl methacrylate	9.18	69	9016	2.006	ug/l	94
57) 1,3-Dichloropropane	9.37	76	9441	2.115	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	23857	9.857	ug/l	100
59) 2-Hexanone	9.49	43	35666	9.789	ug/l	100
60) Dibromochloromethane	9.58	129	4449	1.852	ug/l	98
61) 1,2-Dibromoethane	9.67	107	5431	2.099	ug/l	97
64) Tetrachloroethene	9.34	164	5130	2.261	ug/l	94
65) Chlorobenzene	10.14	112	13291	2.108	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	4579	2.062	ug/l	98
67) Ethyl Benzene	10.25	91	24425	2.120	ug/l	98
68) m/p-Xylenes	10.36	106	17238	4.116	ug/l	95
69) o-Xylene	10.70	106	8532	2.094	ug/l	99
70) Styrene	10.71	104	13855	1.962	ug/l	97
71) Bromoform	10.85	173	3075	1.738	ug/l #	98
73) Isopropylbenzene	11.02	105	22867	2.252	ug/l	99
74) N-amyl acetate	10.90	43	12506	2.145	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	8301	2.237	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	8560	2.617	ug/l	85
77) Bromobenzene	11.26	156	5307	2.072	ug/l	92
78) n-propylbenzene	11.36	91	25274	2.169	ug/l	99
79) 2-Chlorotoluene	11.42	91	16099	2.292	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	18345	2.153	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	76345	59.921	ug/l #	11
82) 4-Chlorotoluene	11.51	91	17574	2.155	ug/l	99
83) tert-Butylbenzene	11.77	119	17699	2.164	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	18582	2.142	ug/l	100
85) sec-Butylbenzene	11.94	105	21394	2.193	ug/l	99
86) p-Isopropyltoluene	12.06	119	18674	2.082	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	9662	2.155	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	10034	2.208	ug/l	86
89) n-Butylbenzene	12.39	91	16946	2.029	ug/l	97
90) Hexachloroethane	12.60	117	2847	1.924	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	9814	2.217	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1718	2.034	ug/l	92

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 02:27:32 2019
Response via : Initial Calibration

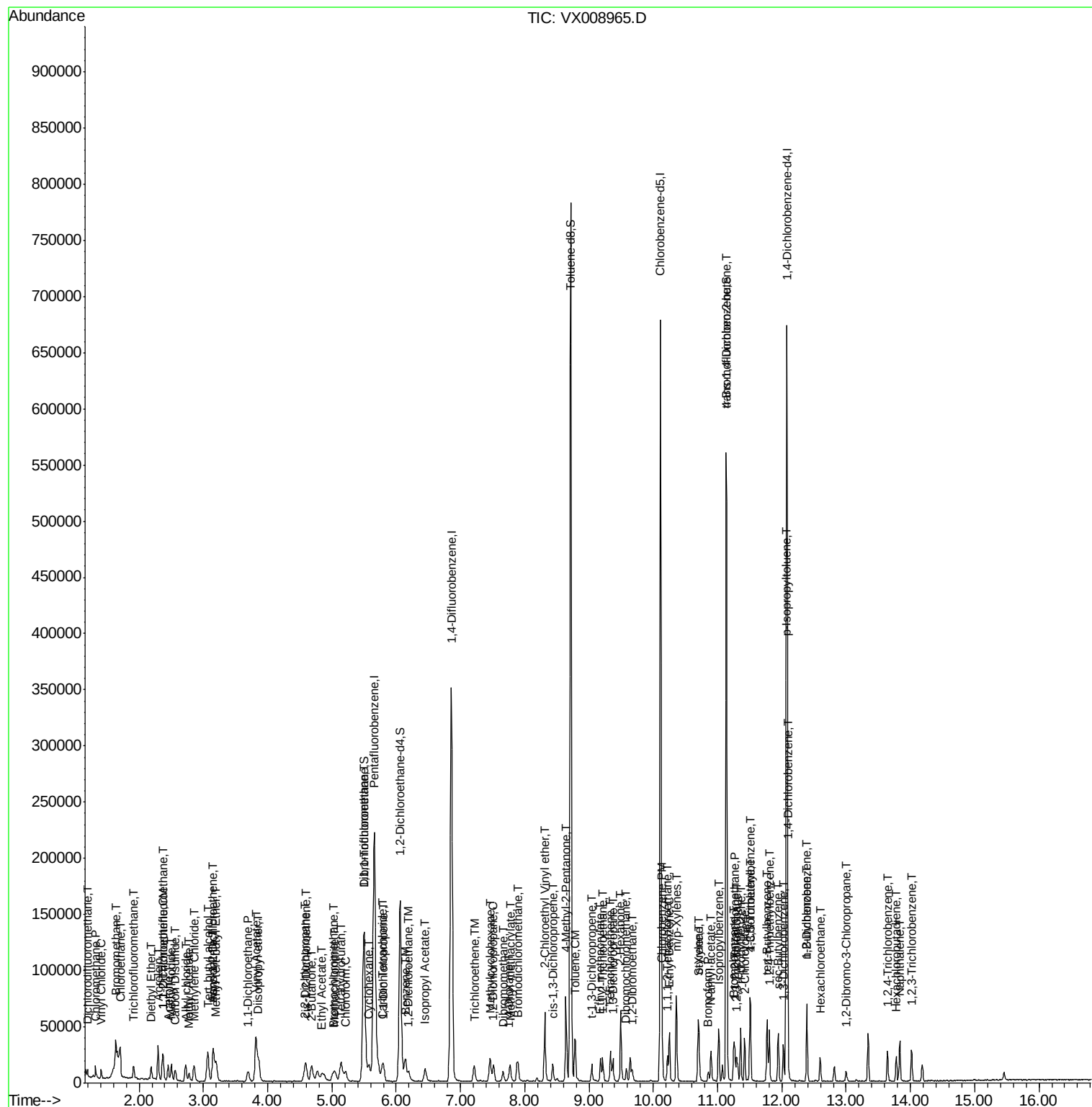
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	6519	2.040	ug/l	95
94) Hexachlorobutadiene	13.78	225	3182	1.996	ug/l	98
95) Naphthalene	13.83	128	20316	1.984	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	6495	2.060	ug/l	100

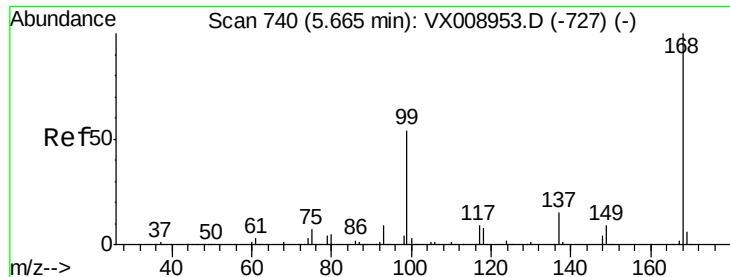
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041519\
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MSVOA_X
ClientSampled :

Quant Time: Apr 16 03:24:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 02:27:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

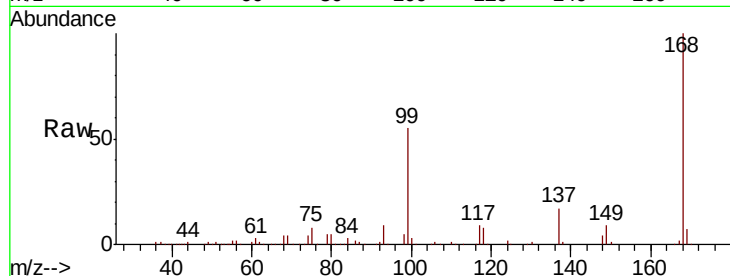
ClientSampleId :

Tot Ion:168 Resp: 212800

Ion Ratio Lower Upper

168 100

99 55.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

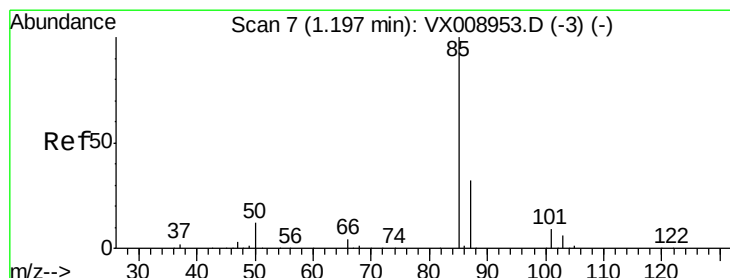
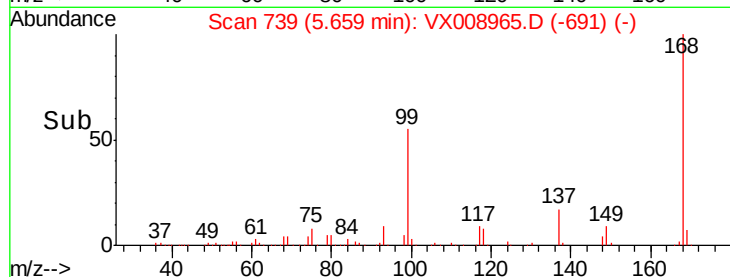
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.862 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008965.D

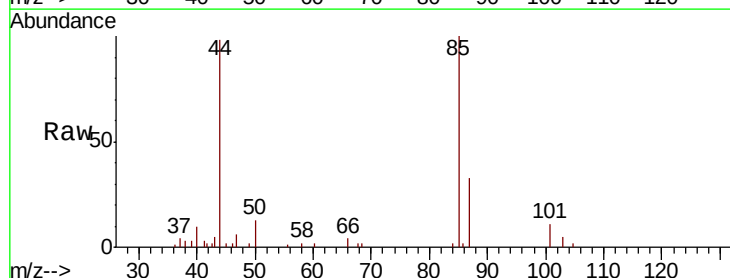
Acq: 15 Apr 2019 17:09

Tgt Ion: 85 Resp: 4564

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

3000

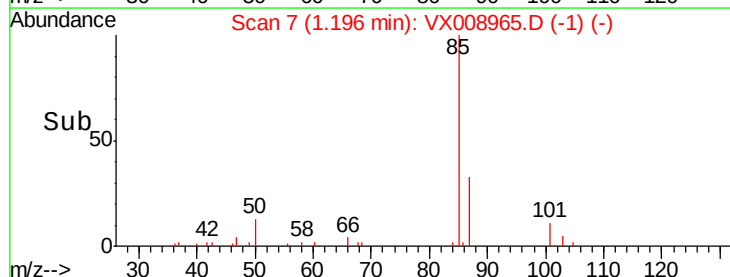
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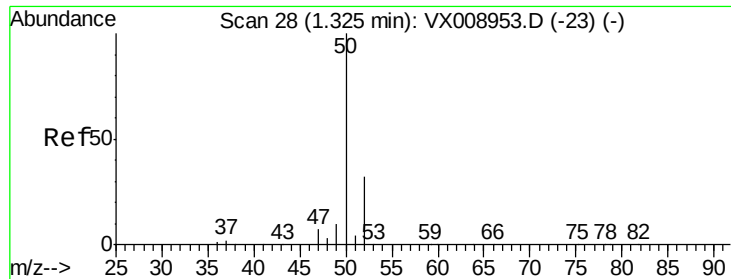
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 2.275 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

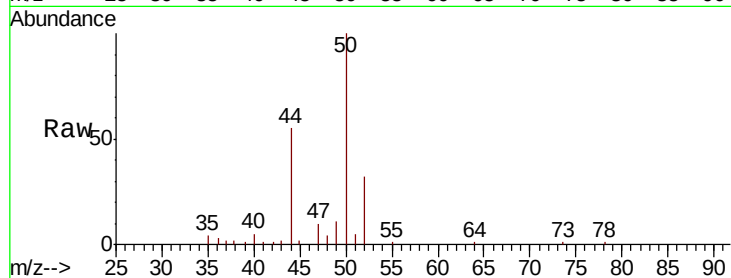
ClientSampleId :

Tot Ion: 50 Resp: 6847

Ion Ratio Lower Upper

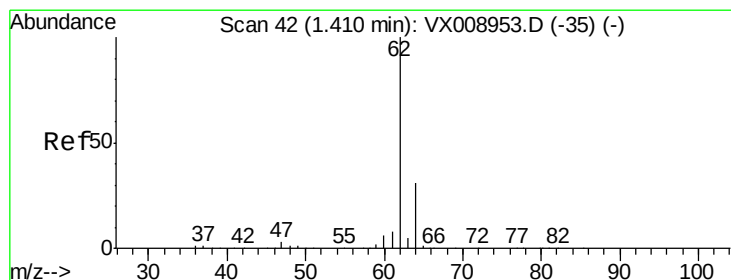
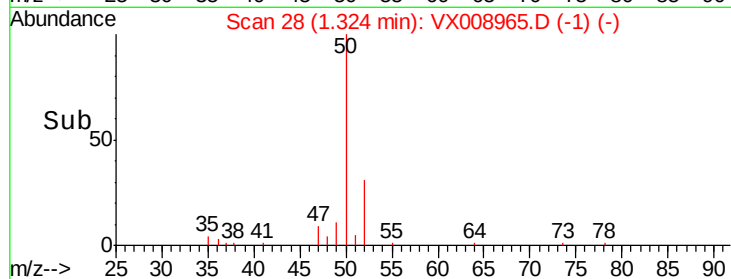
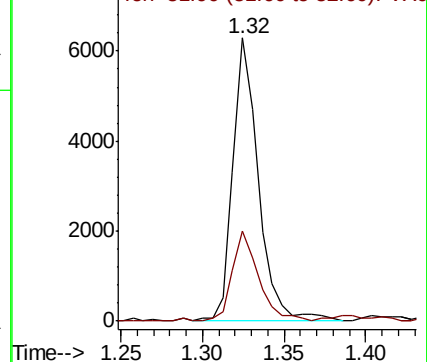
50 100

52 31.9 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: 1.939 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008965.D

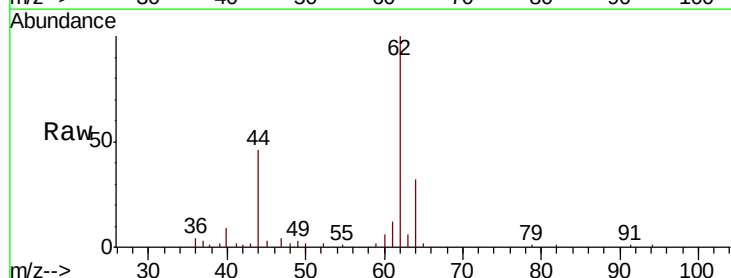
Acq: 15 Apr 2019 17:09

Tgt Ion: 62 Resp: 5678

Ion Ratio Lower Upper

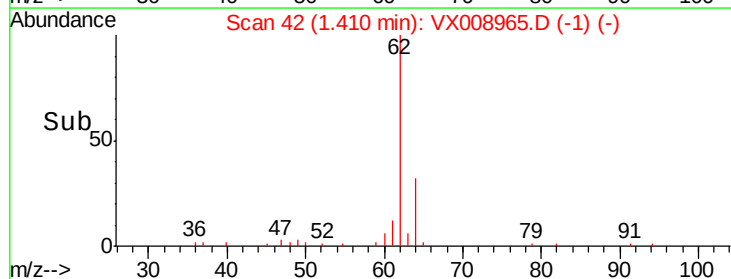
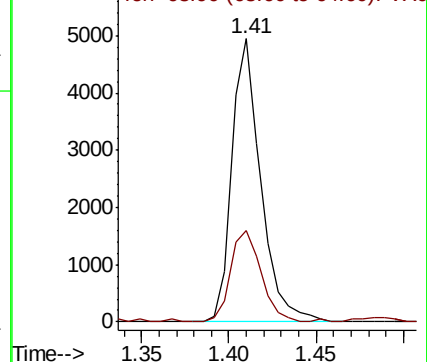
62 100

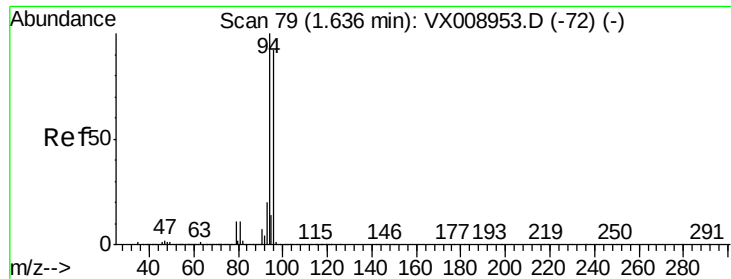
64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 6.756 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

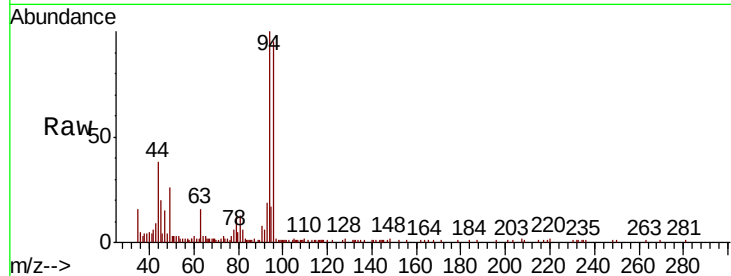
ClientSampleId :

Tot Ion: 94 Resp: 5778

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

1.64

6000

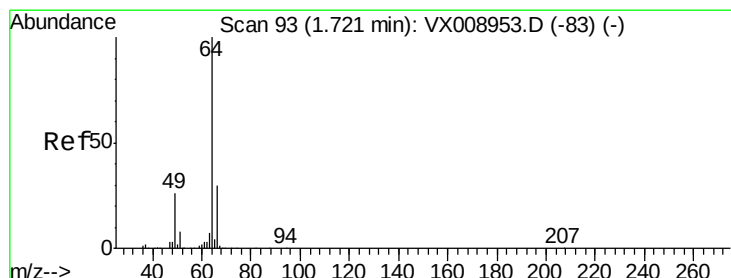
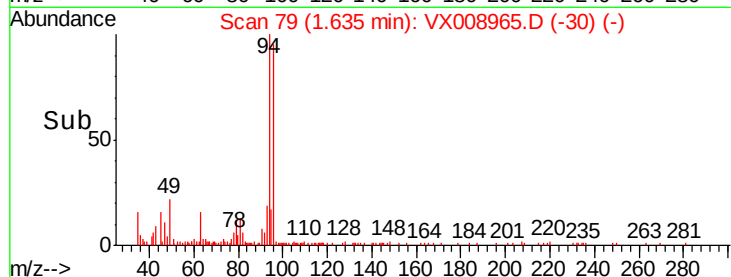
4000

2000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 2.500 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX008965.D

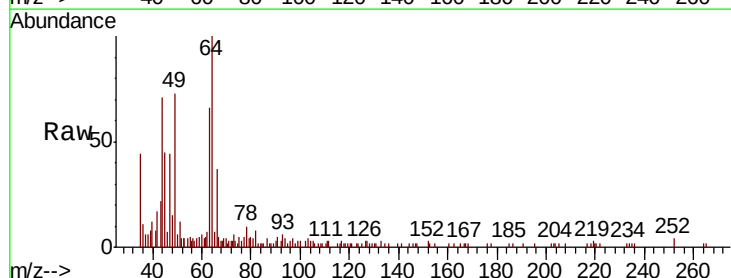
Acq: 15 Apr 2019 17:09

Tgt Ion: 64 Resp: 4305

Ion Ratio Lower Upper

64 100

66 36.6 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

3000

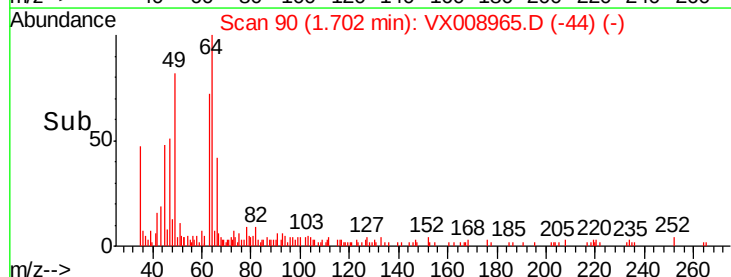
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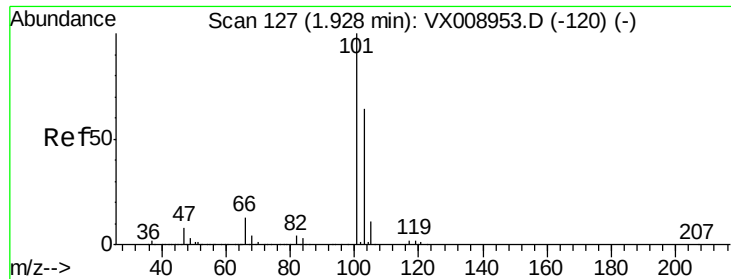
1000

0

Time-->

1.65 1.70 1.75 1.80



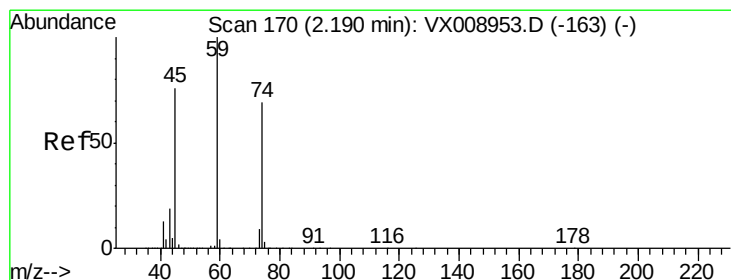
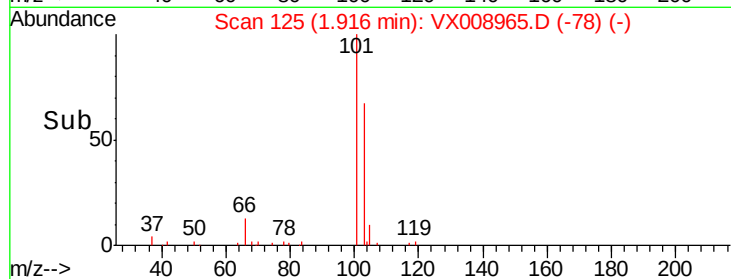
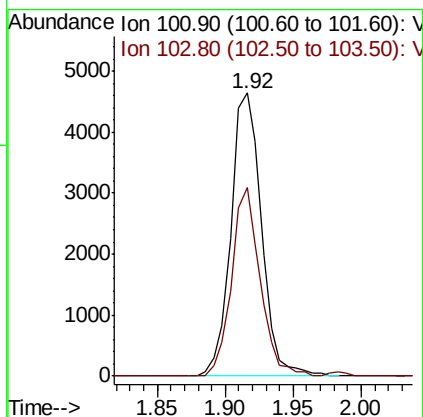
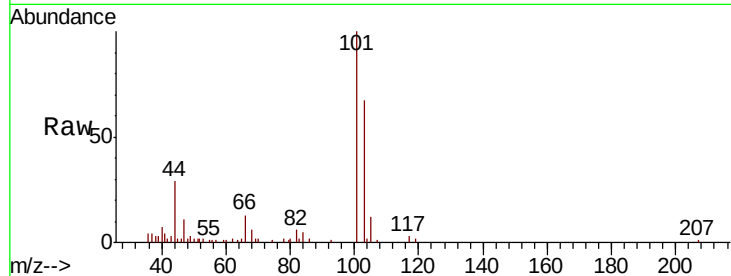


#7

Trichlorofluoromethane
 Concen: 2.126 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Instrument :
 MSVOA_X
 ClientSampled :

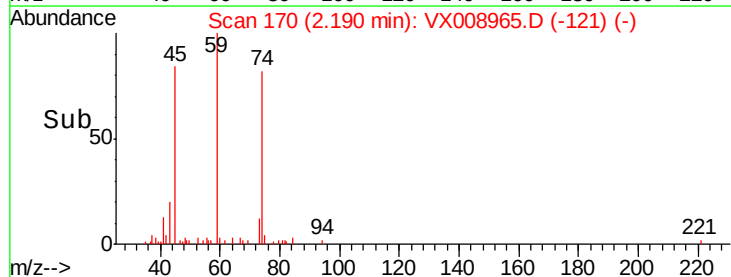
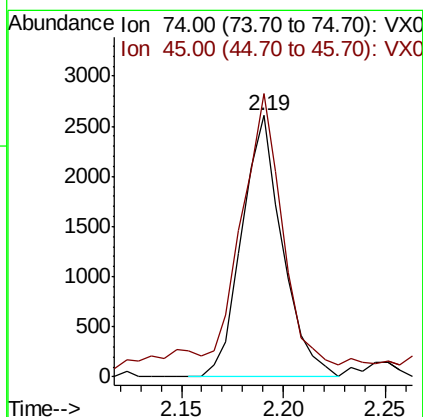
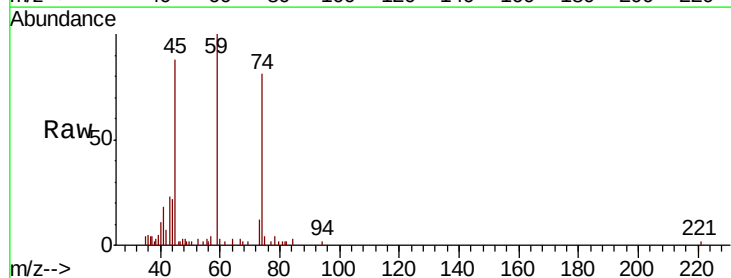
Tot Ion:101 Resp: 7271
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.0 76.6

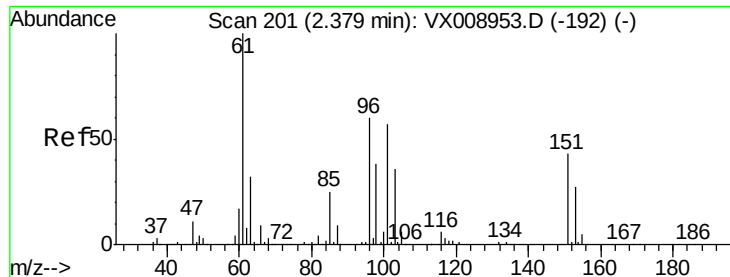


#8

Diethyl Ether
 Concen: 2.294 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion: 74 Resp: 3588
 Ion Ratio Lower Upper
 74 100
 45 113.8 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.138 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

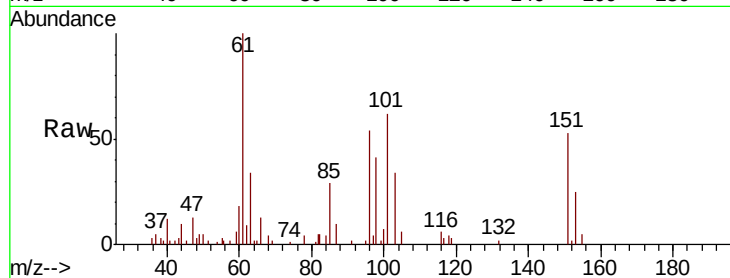
Tot Ion:101 Resp: 4674

Ion Ratio Lower Upper

101 100

85 45.8 35.7 53.5

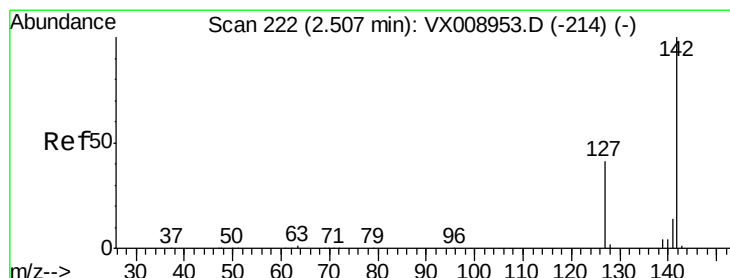
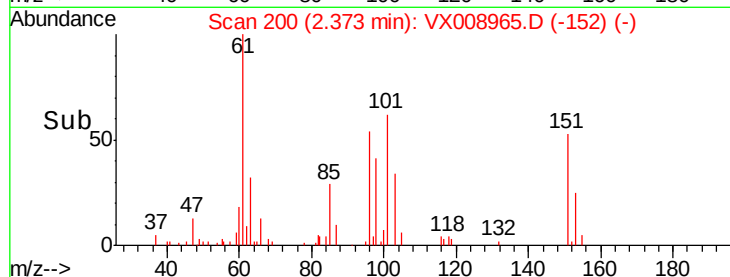
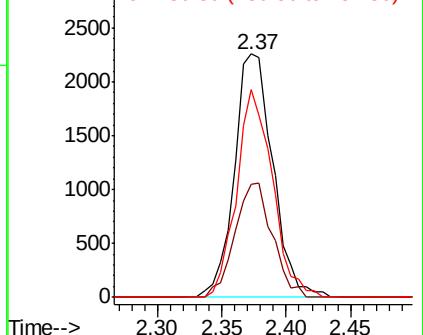
151 79.6 62.7 94.1



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: 10.250 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

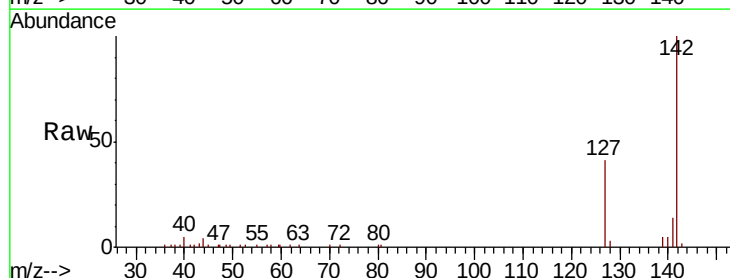
Tgt Ion:142 Resp: 15299

Ion Ratio Lower Upper

142 100

127 40.4 32.8 49.2

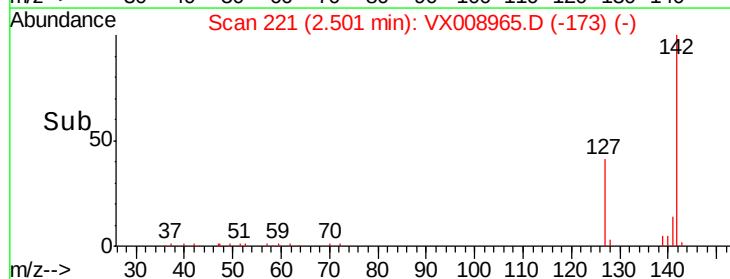
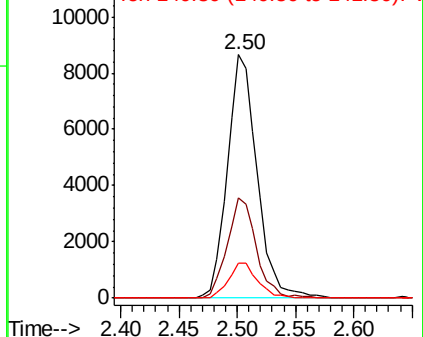
141 14.0 11.4 17.2

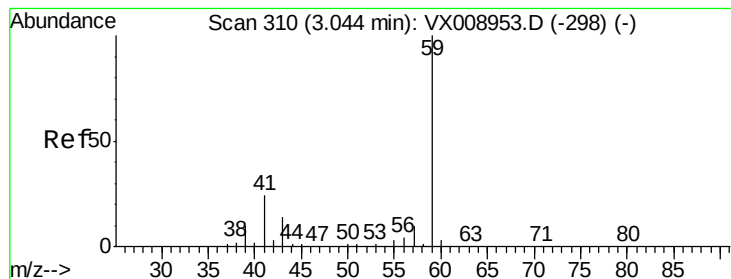


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



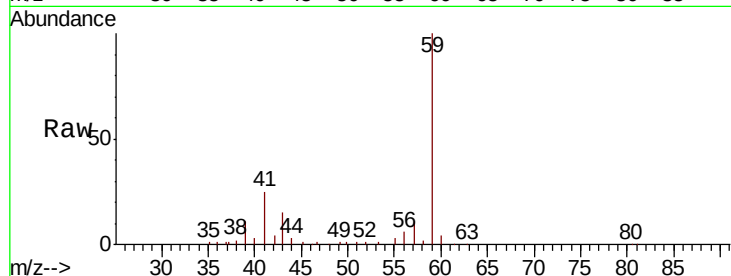


#11

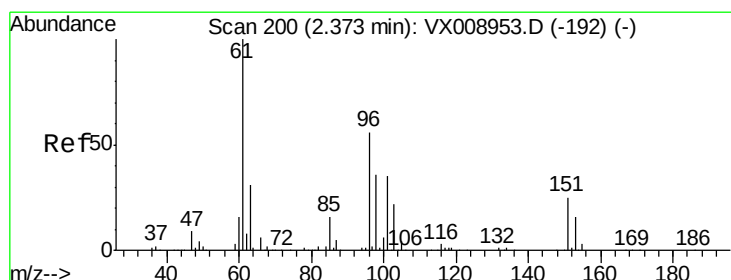
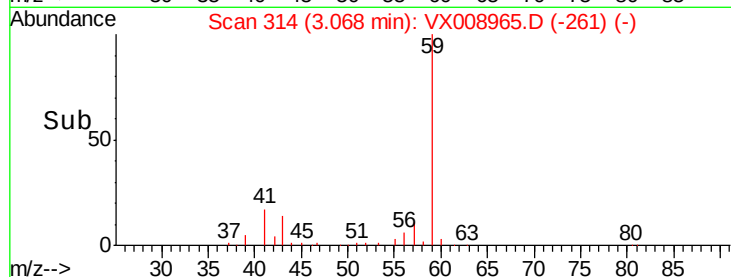
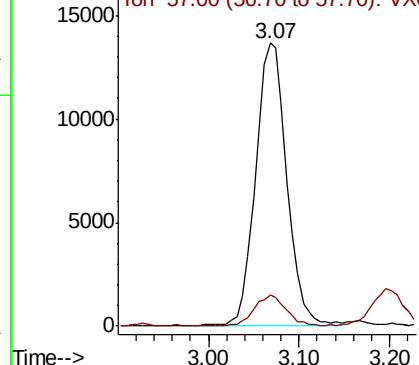
Tert butyl alcohol
Concen: 48.975 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.02 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 32602
Ion Ratio Lower Upper
59 100
57 11.3 8.4 12.6



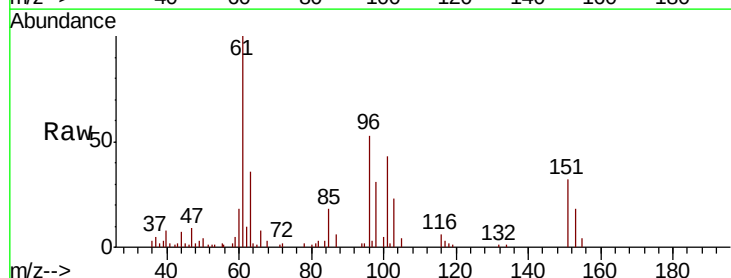
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



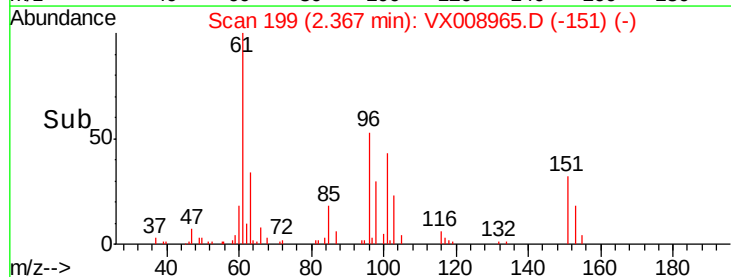
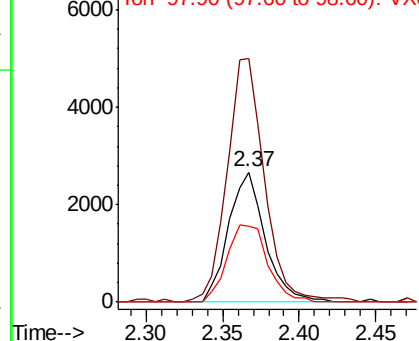
#12

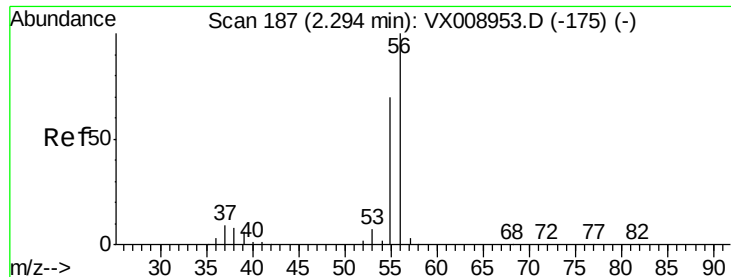
1,1-Dichloroethene
Concen: 1.950 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 96 Resp: 4451
Ion Ratio Lower Upper
96 100
61 184.7 142.2 213.2
98 58.8 50.9 76.3



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





#13

Acrolein

Concen: 40.780 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

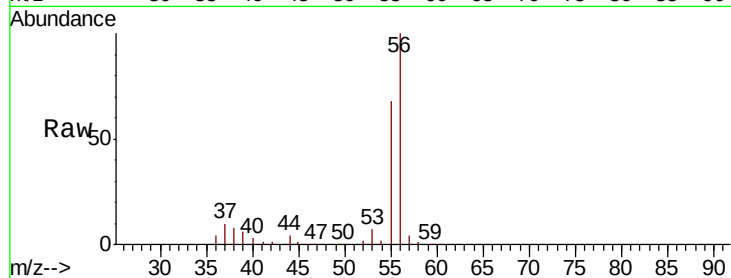
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 23456

Ion Ratio Lower Upper

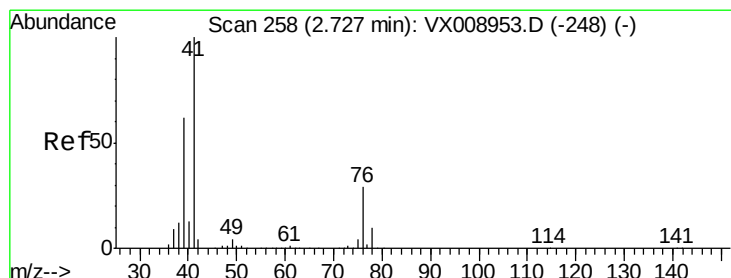
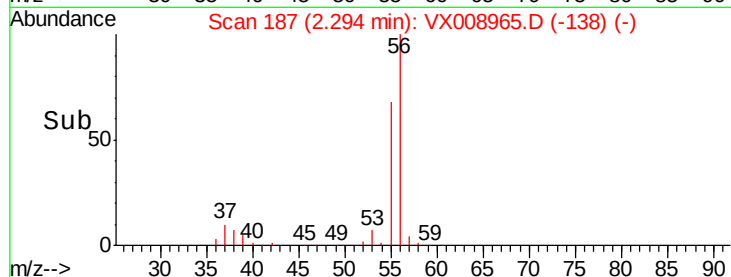
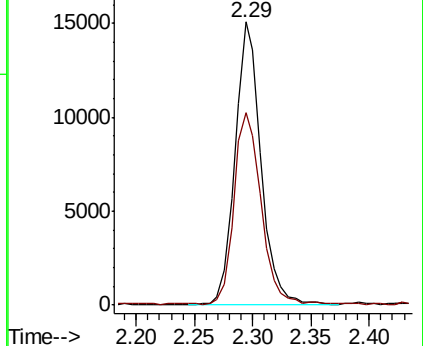
56 100

55 72.6 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 2.116 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

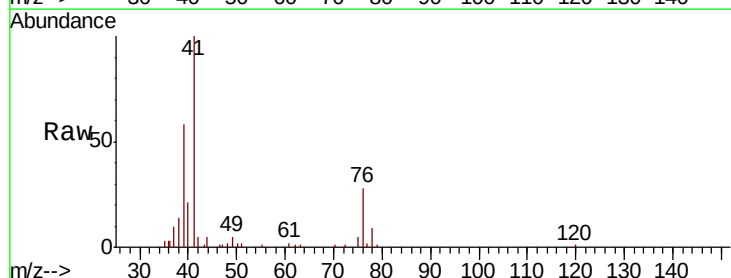
Tgt Ion: 41 Resp: 10536

Ion Ratio Lower Upper

41 100

39 63.4 46.7 70.1

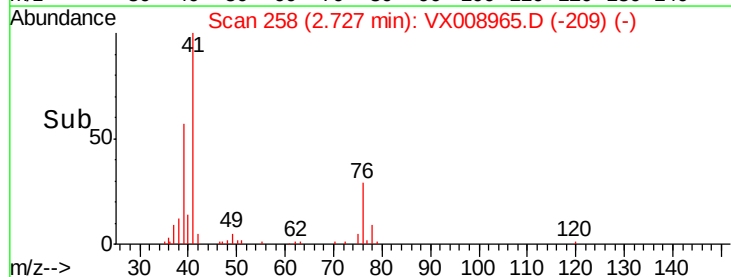
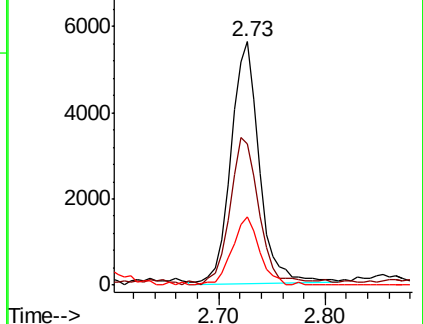
76 27.2 22.0 33.0

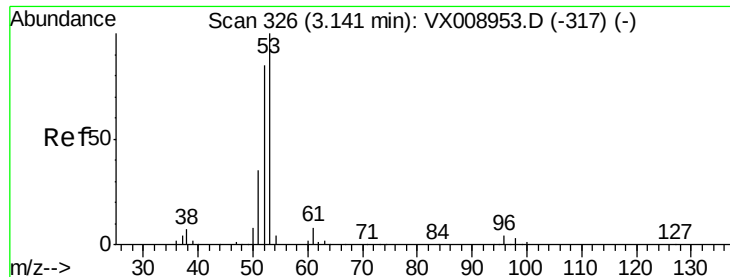


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 10.254 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

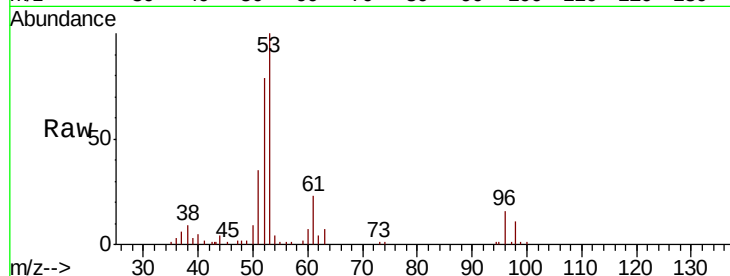
Tot Ion: 53 Resp: 17328

Ion Ratio Lower Upper

53 100

52 85.8 66.6 100.0

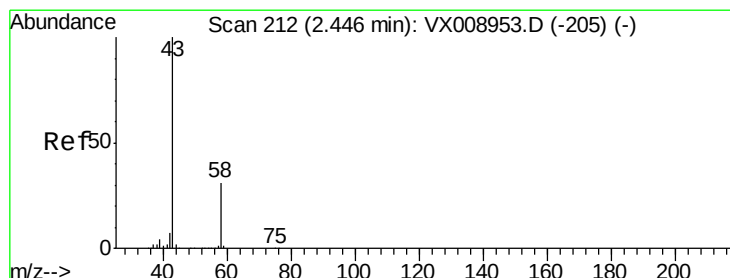
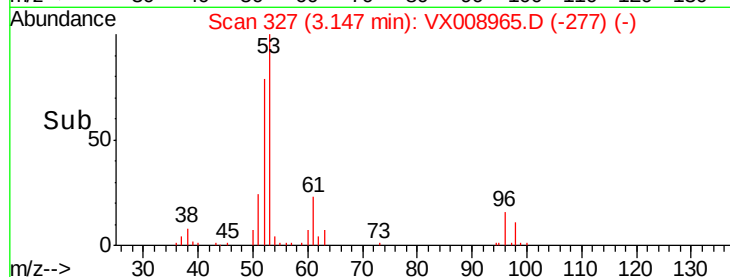
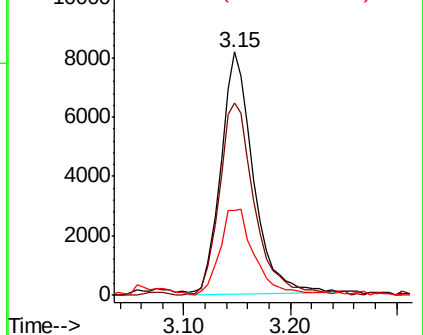
51 39.1 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 10.225 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008965.D

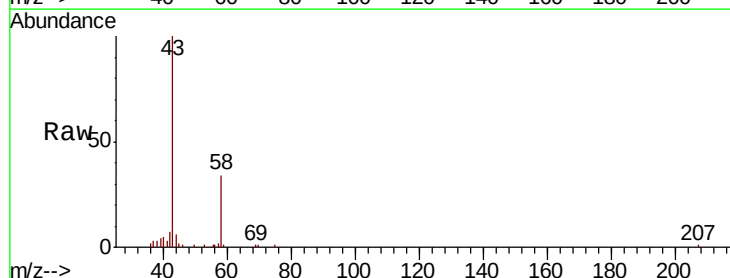
Acq: 15 Apr 2019 17:09

Tgt Ion: 43 Resp: 15902

Ion Ratio Lower Upper

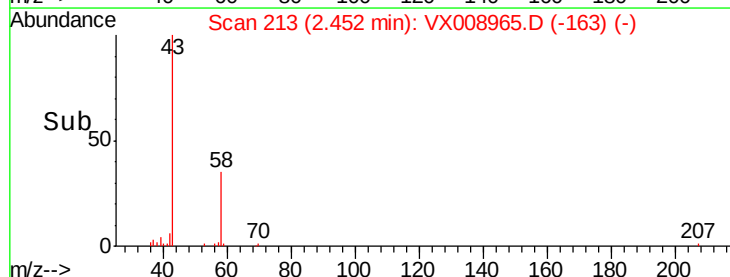
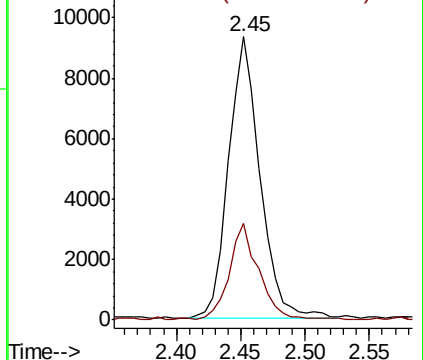
43 100

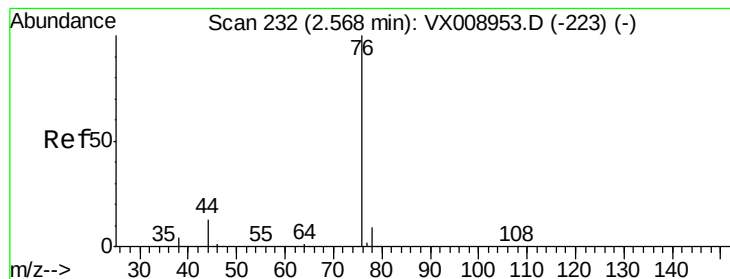
58 33.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 3.188 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

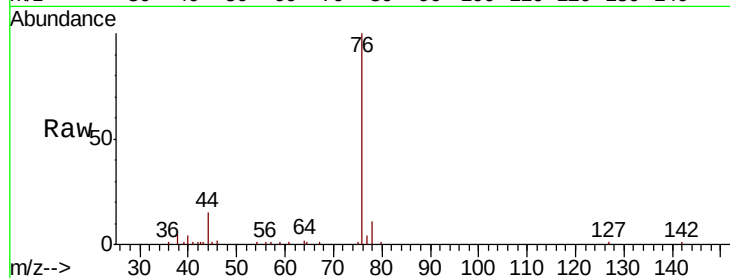
ClientSampleId :

Tot Ion: 76 Resp: 13314

Ion Ratio Lower Upper

76 100

78 10.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

8000

6000

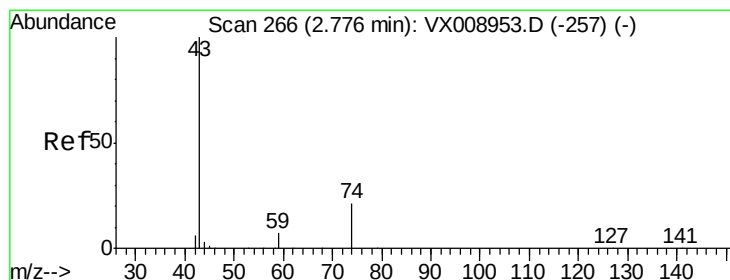
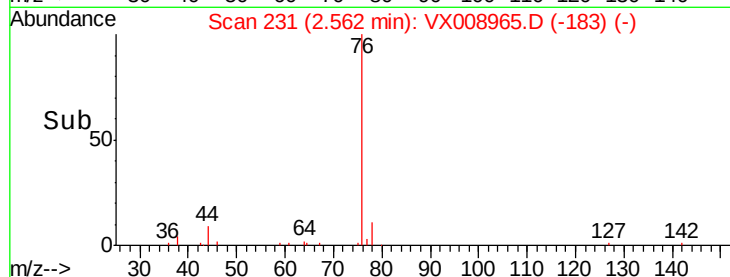
4000

2000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 2.497 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008965.D

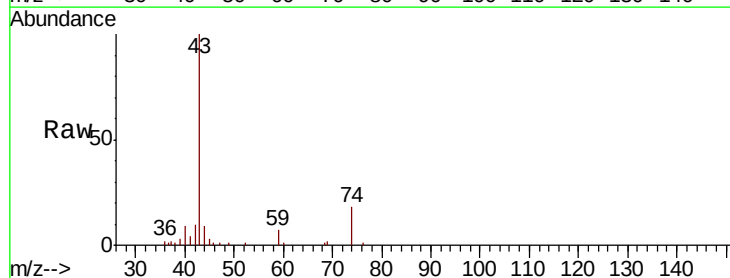
Acq: 15 Apr 2019 17:09

Tgt Ion: 43 Resp: 9690

Ion Ratio Lower Upper

43 100

74 18.4 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

5000

4000

3000

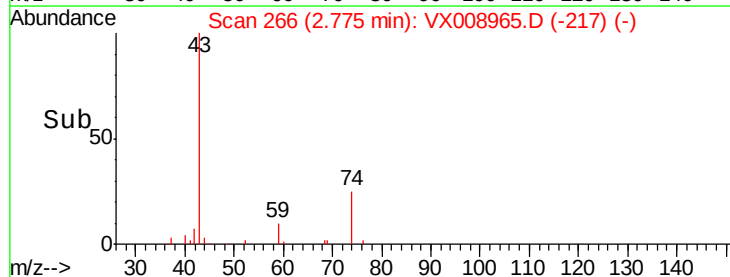
2000

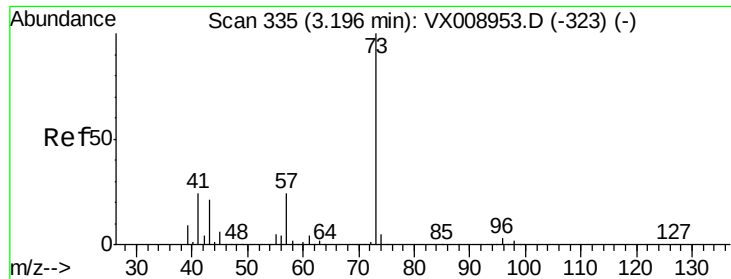
1000

0

Time-->

2.70 2.75 2.80 2.85 2.90

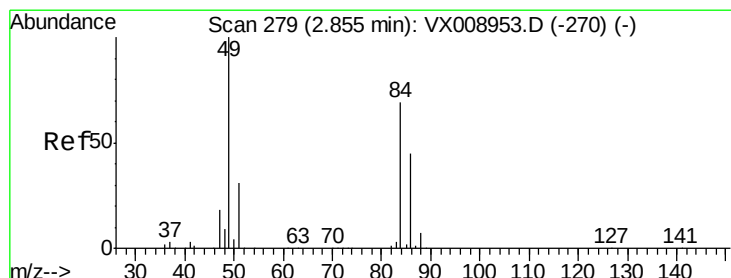
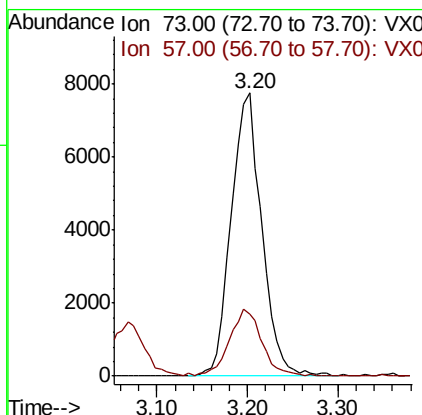
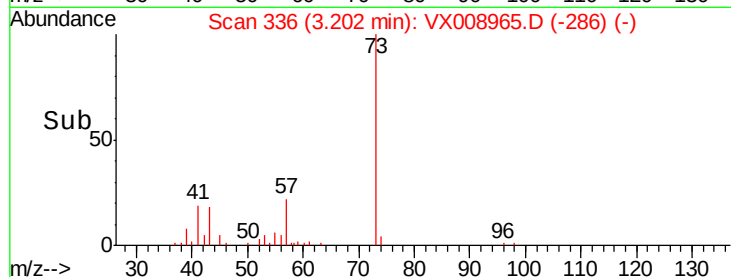
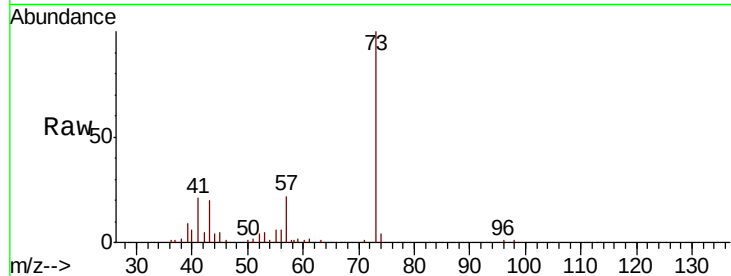




#19
Methyl tert-butyl Ether
Concen: 2.237 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

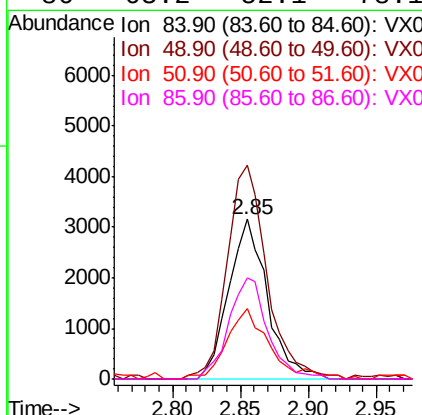
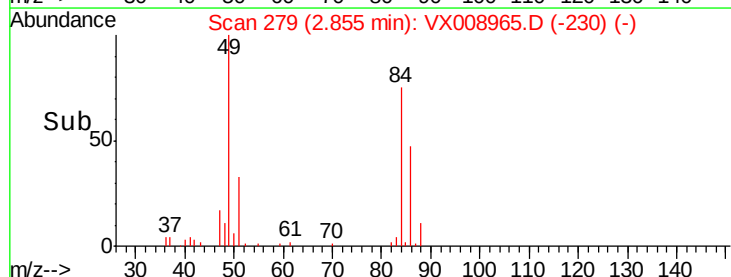
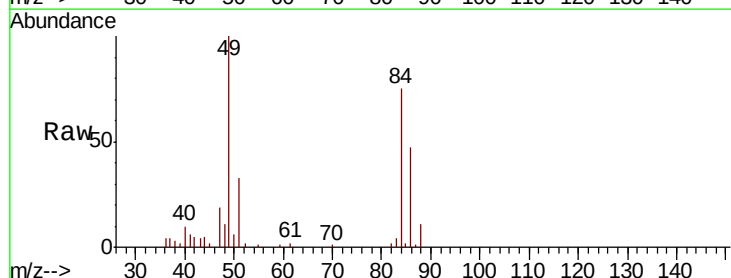
Instrument :
MSVOA_X
ClientSampled :

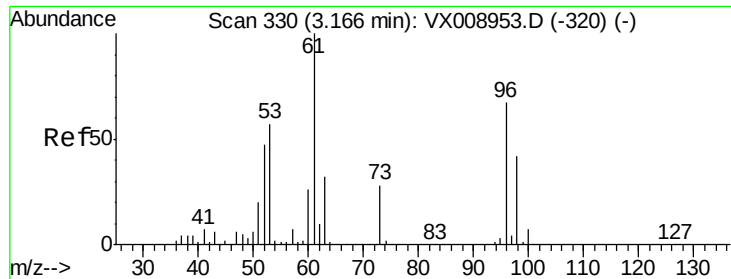
Tot Ion: 73 Resp: 18188
Ion Ratio Lower Upper
73 100
57 21.8 19.2 28.8



#20
Methylene Chloride
Concen: 2.350 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 84 Resp: 6249
Ion Ratio Lower Upper
84 100
49 131.6 115.4 173.0
51 41.8 35.8 53.6
86 63.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 2.111 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampled :

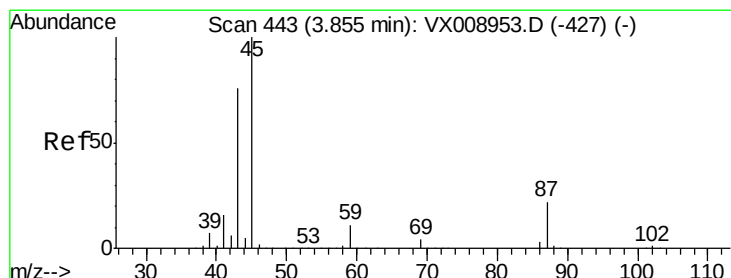
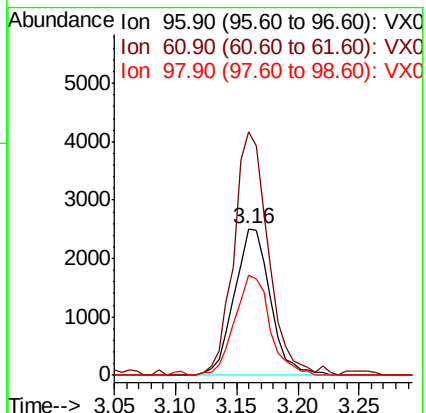
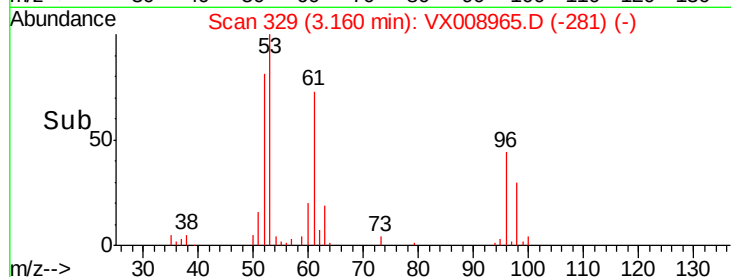
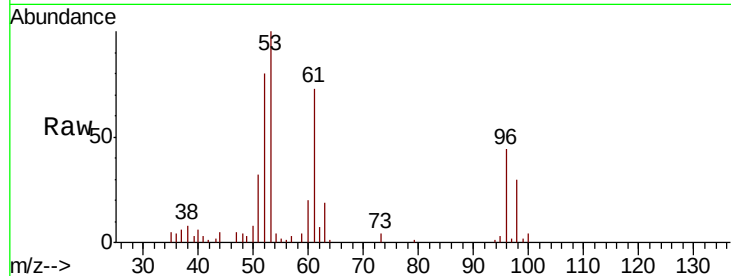
Tot Ion: 96 Resp: 5138

Ion Ratio Lower Upper

96 100

61 165.7 120.3 180.5

98 68.1 50.2 75.2



#22

Diisopropyl ether

Concen: 2.215 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Tgt Ion: 45 Resp: 21425

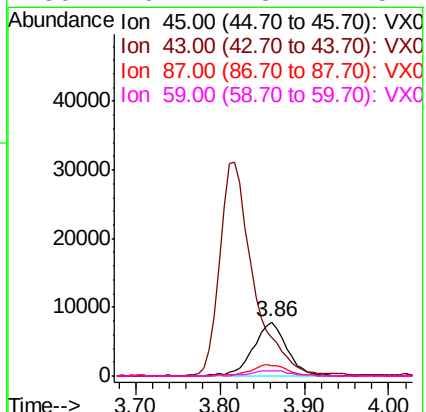
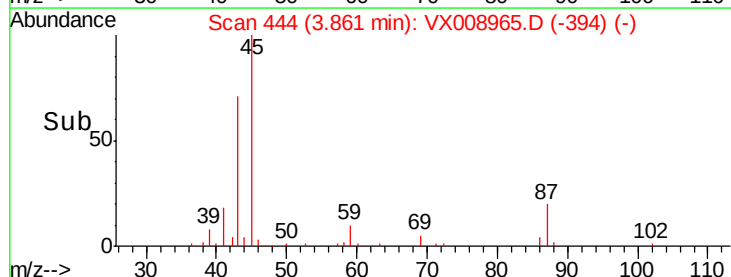
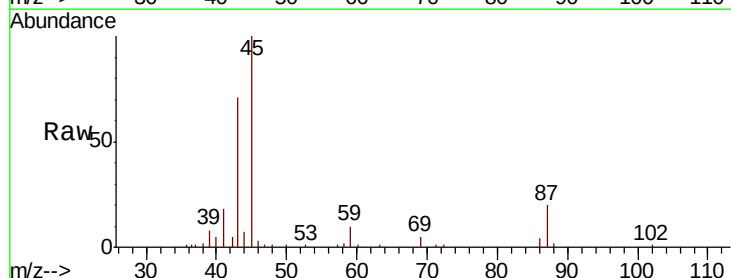
Ion Ratio Lower Upper

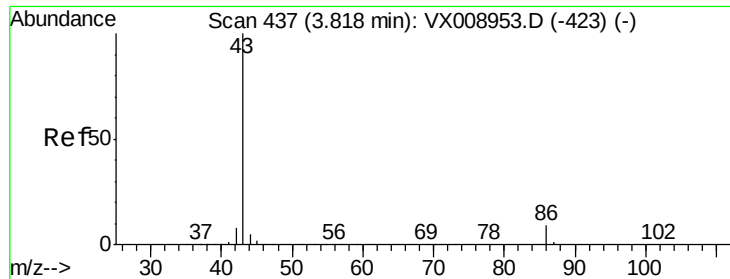
45 100

43 69.6 60.6 91.0

87 20.0 17.8 26.8

59 10.4 8.7 13.1





#23

Vinyl Acetate

Concen: 10.111 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

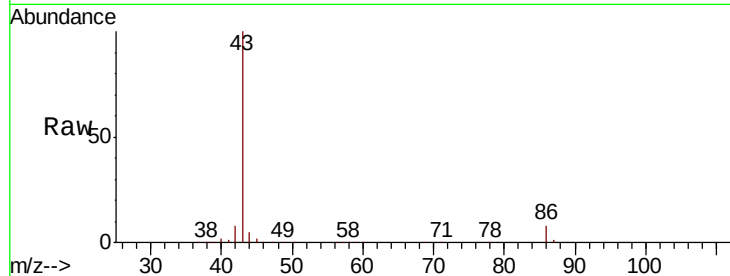
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 85987

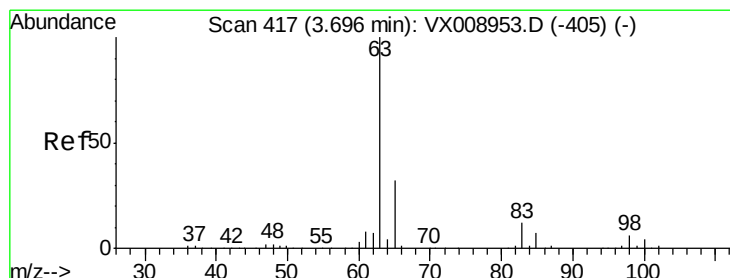
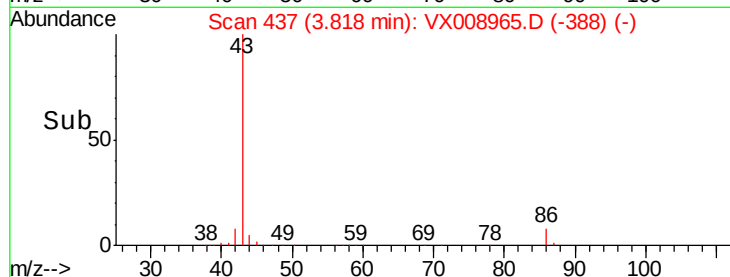
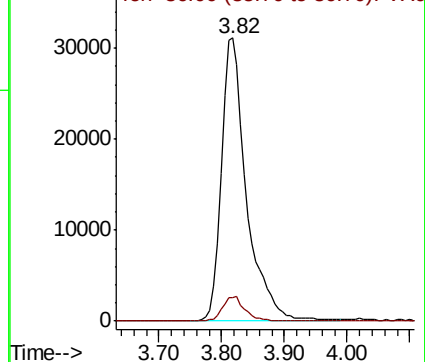
Ion Ratio Lower Upper

43 100

86 8.1 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: 2.189 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

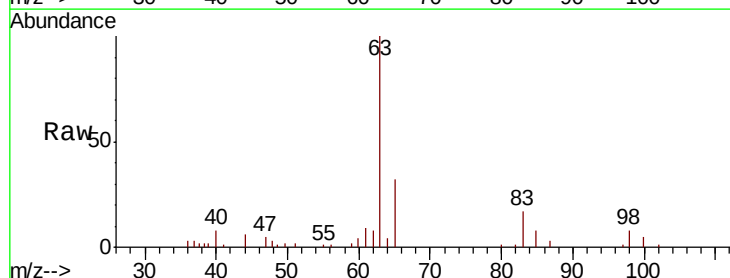
Tgt Ion: 63 Resp: 10631

Ion Ratio Lower Upper

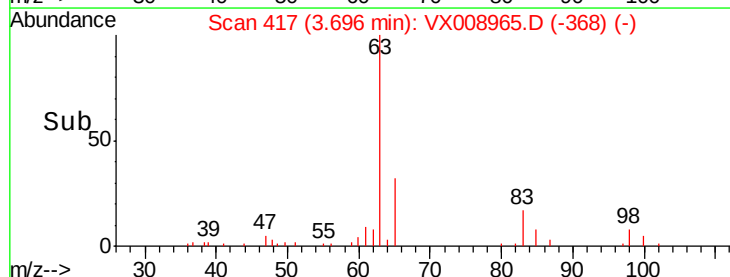
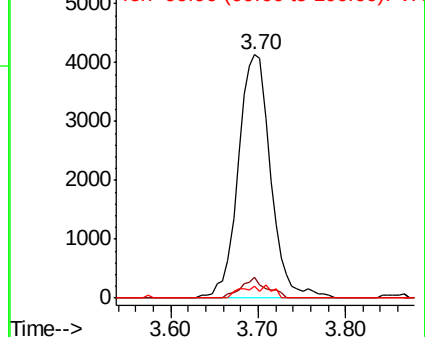
63 100

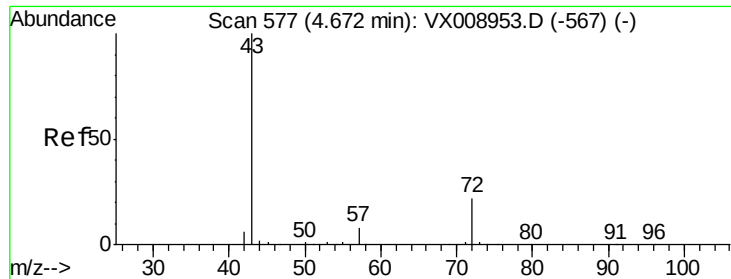
98 8.4 3.1 9.3

100 5.1 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: 10.303 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

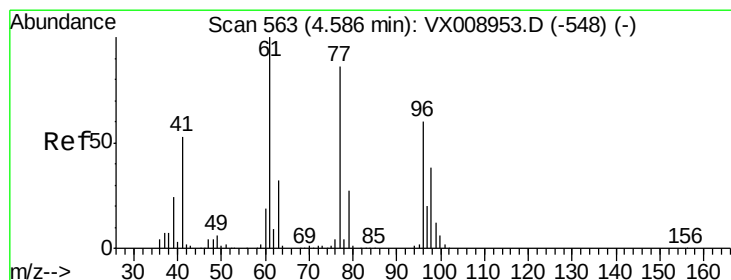
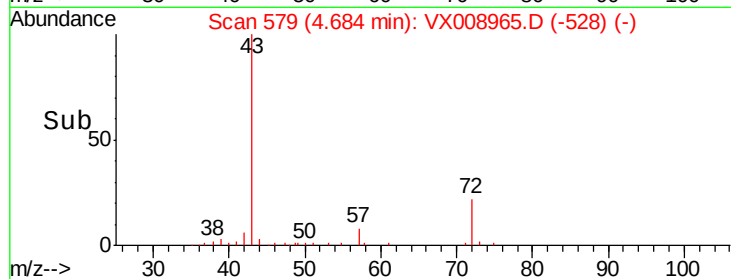
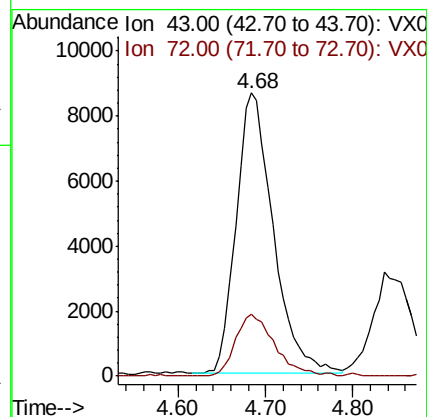
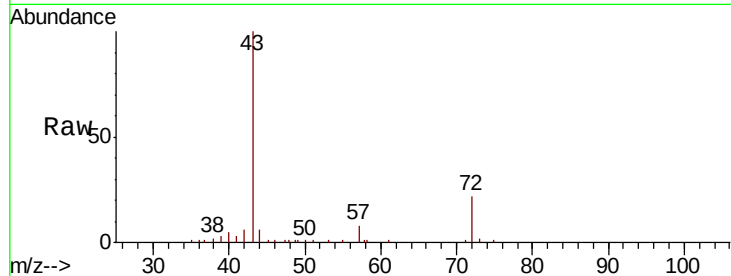
ClientSampleId :

Tot Ion: 43 Resp: 25612

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3



#26

2,2-Dichloropropane

Concen: 2.061 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008965.D

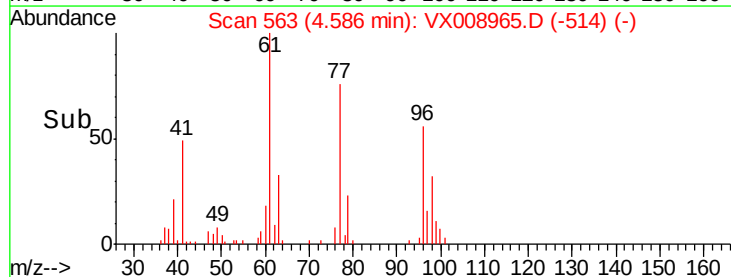
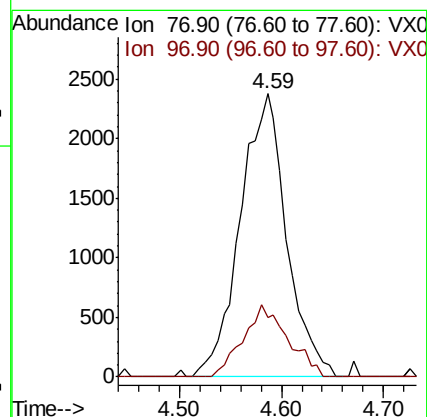
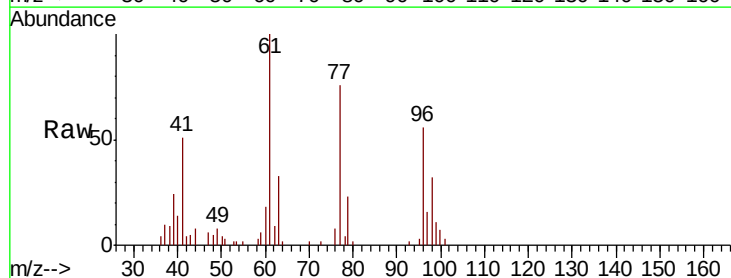
Acq: 15 Apr 2019 17:09

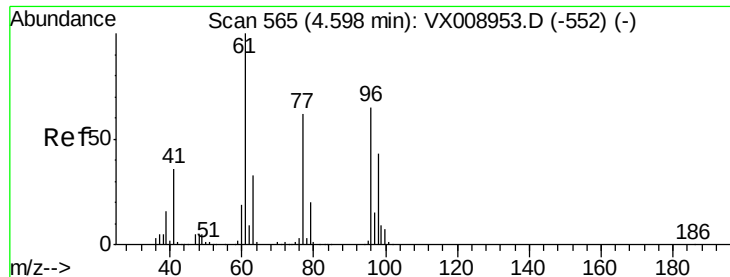
Tgt Ion: 77 Resp: 7504

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.0



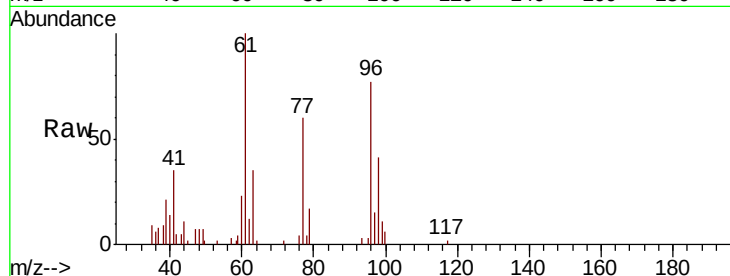


#27

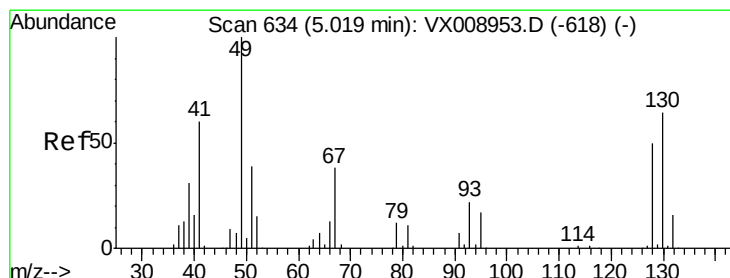
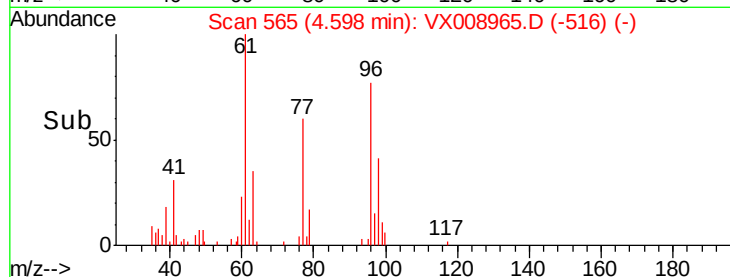
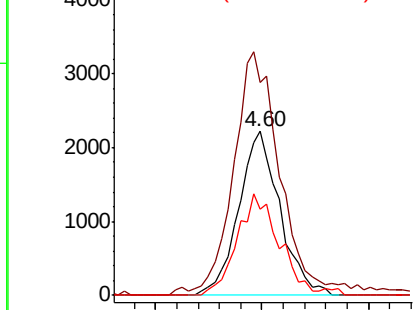
cis-1,2-Dichloroethene
Concen: 2.177 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	172.5	0.0	322.0
98	62.8	0.0	128.4



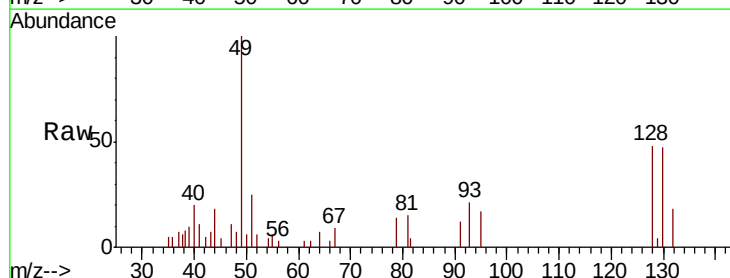
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



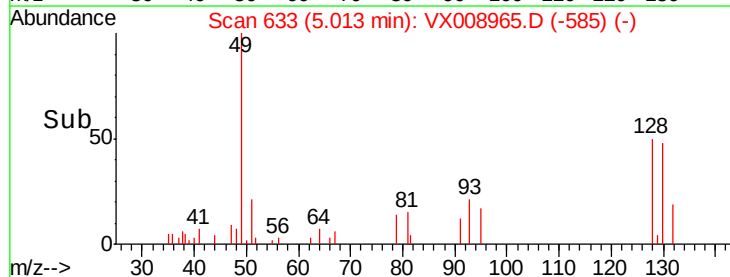
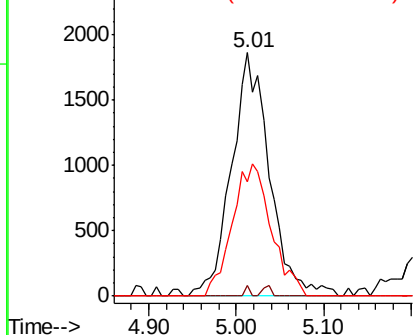
#28

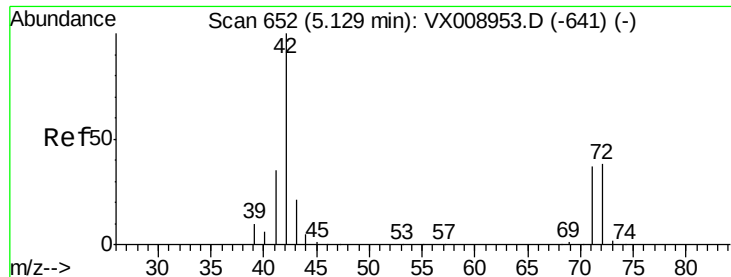
Bromochloromethane
Concen: 0.885 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.6
130	55.6	50.4	75.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

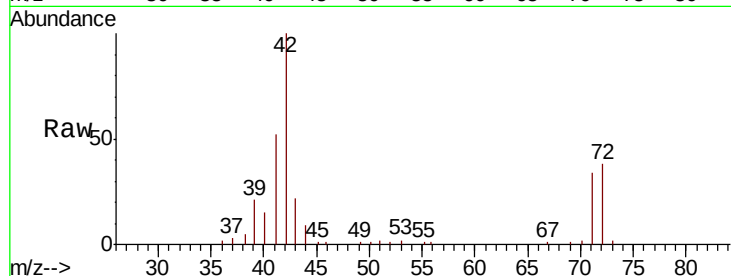




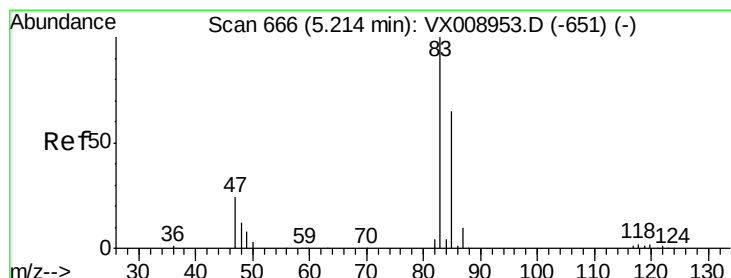
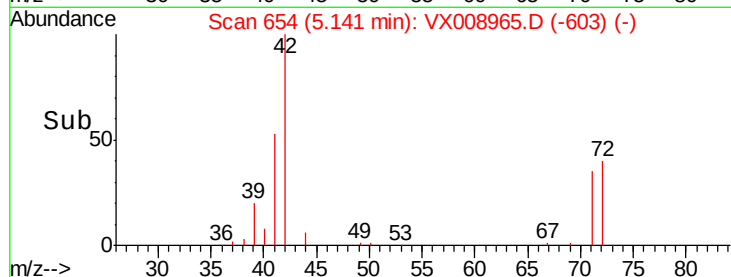
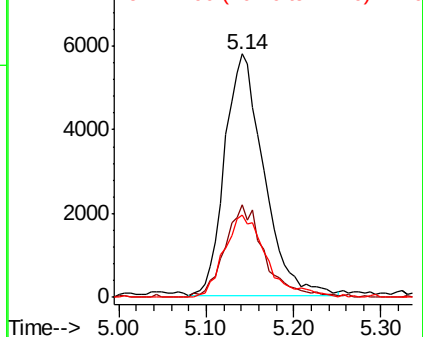
#29
Tetrahydrofuran
Concen: 10.737 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 42 Resp: 17865
Ion Ratio Lower Upper
42 100
72 38.9 30.6 45.8
71 36.8 28.8 43.2

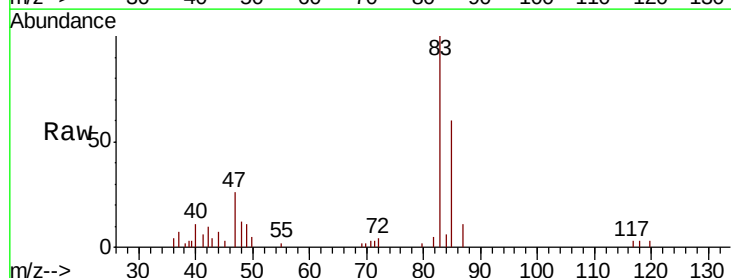


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

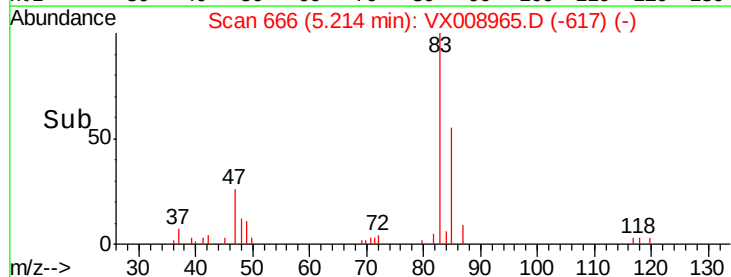
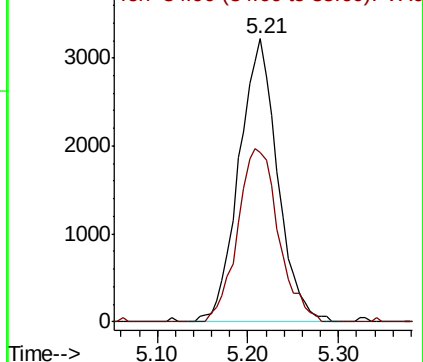


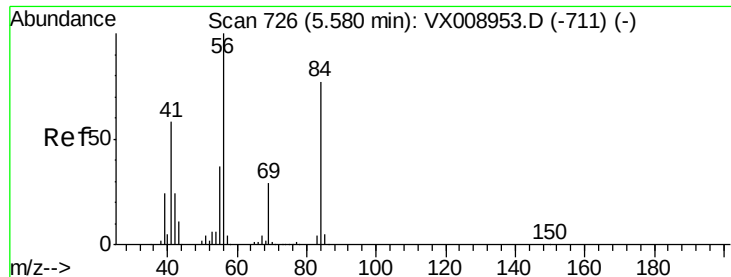
#30
Chloroform
Concen: 2.182 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 83 Resp: 9483
Ion Ratio Lower Upper
83 100
85 59.8 51.9 77.9



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





#31

Cyclohexane

Concen: 2.139 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

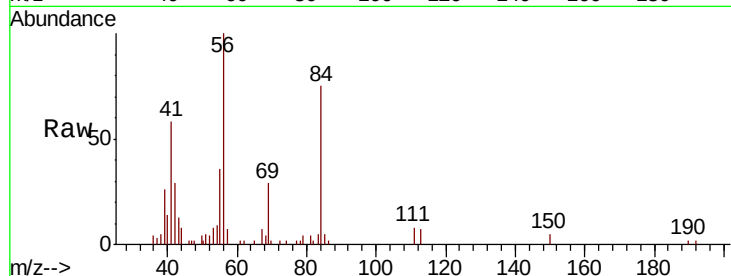
Tot Ion: 56 Resp: 10219

Ion Ratio Lower Upper

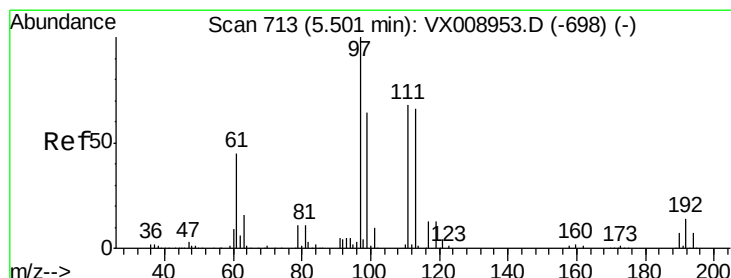
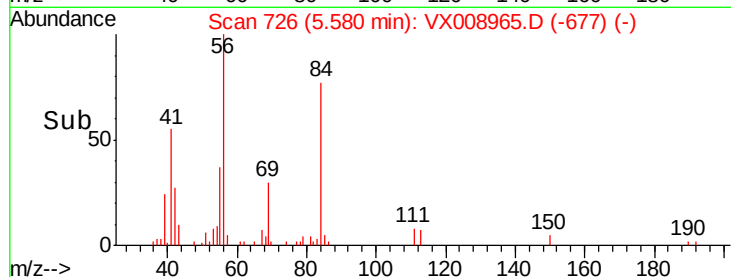
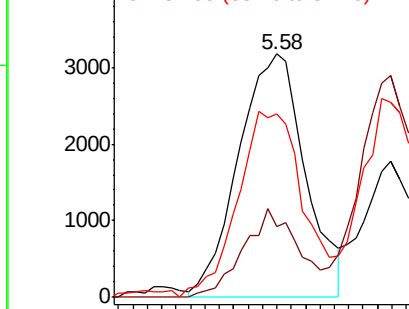
56 100

69 29.9 23.3 34.9

84 73.3 61.7 92.5



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



#32

1,1,1-Trichloroethane

Concen: 2.095 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

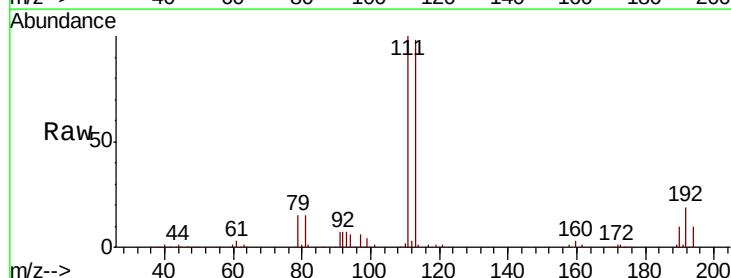
Tgt Ion: 97 Resp: 7546

Ion Ratio Lower Upper

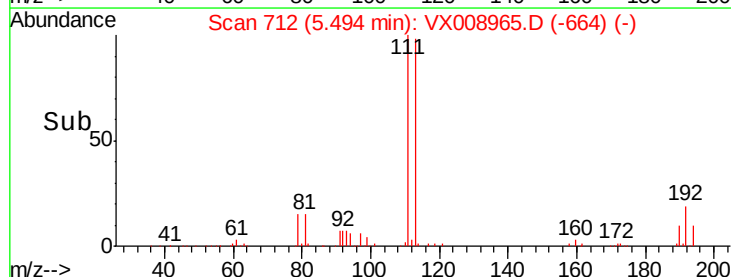
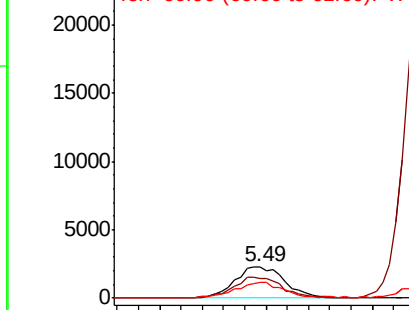
97 100

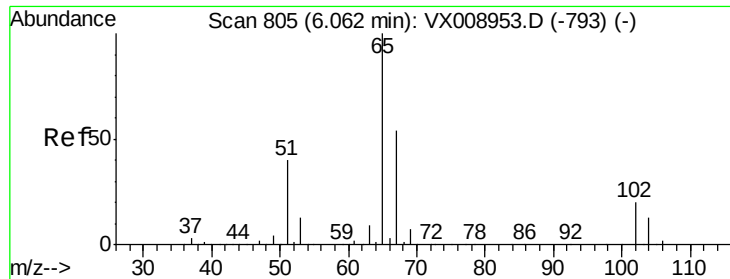
99 64.3 51.6 77.4

61 49.2 37.9 56.9



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

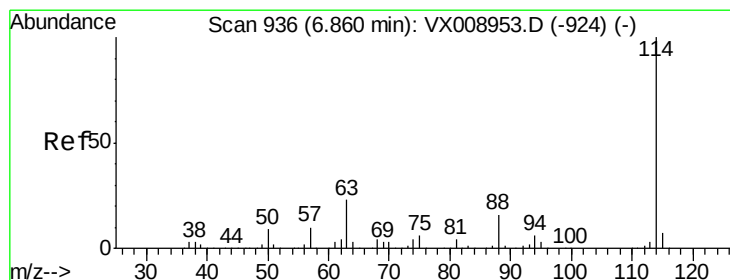
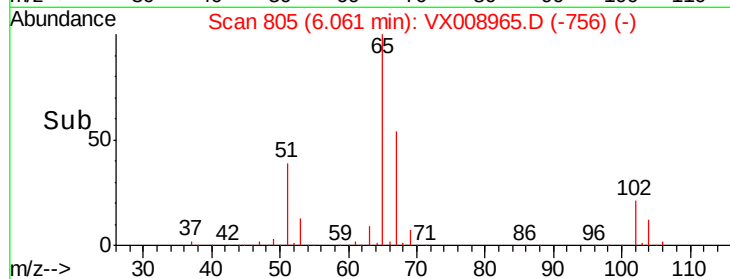
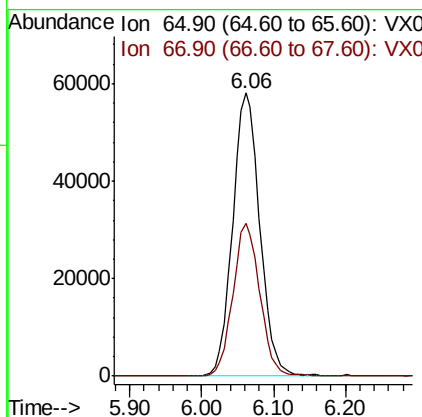
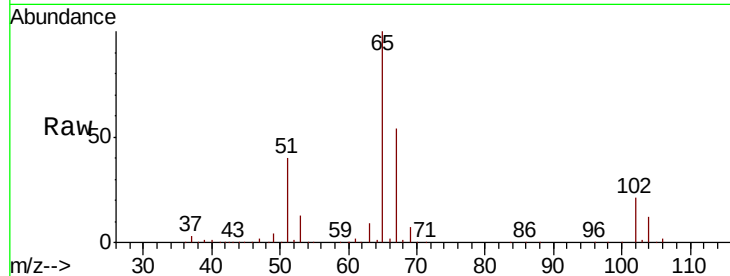




#33
 1,2-Dichloroethane-d4
 Concen: 50.784 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

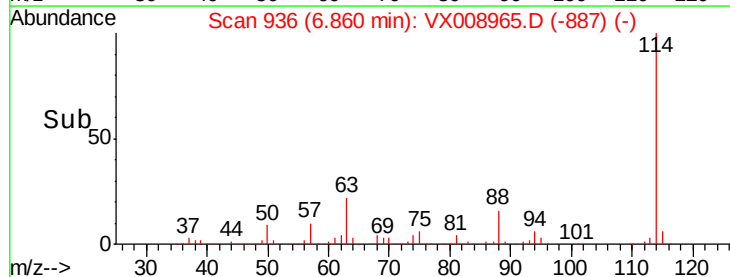
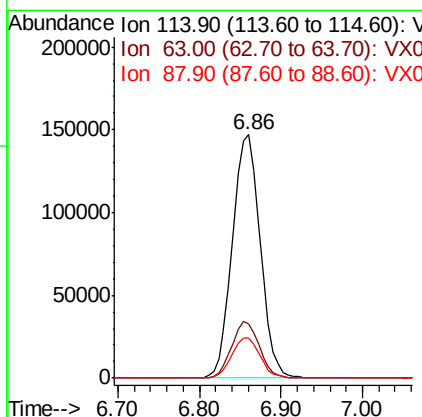
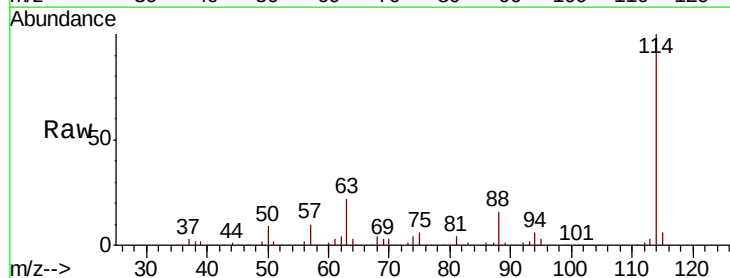
Instrument :
 MSVOA_X
 ClientSampleId :

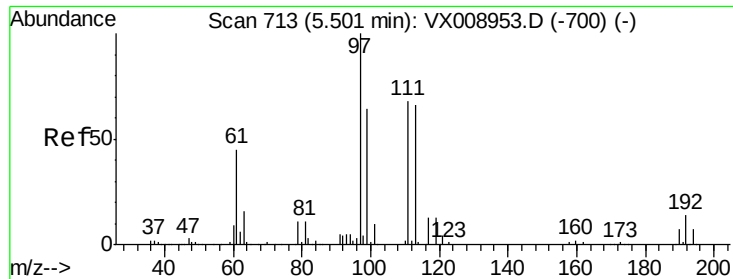
Tot Ion: 65 Resp: 152300
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion: 114 Resp: 345884
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.0
 88 16.4 0.0 32.6

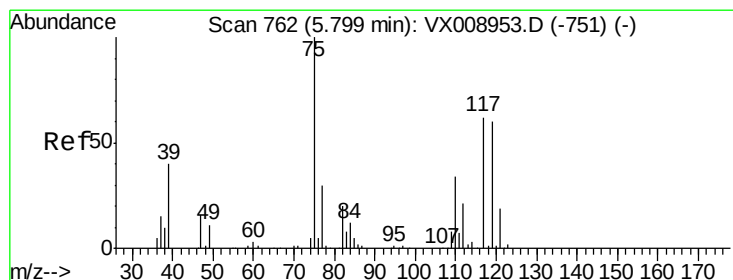
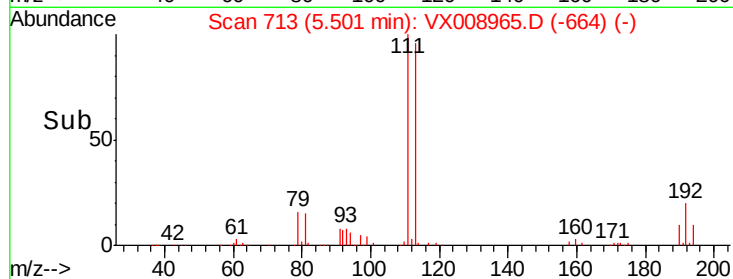
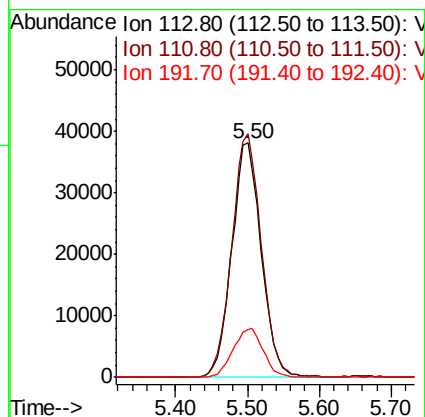
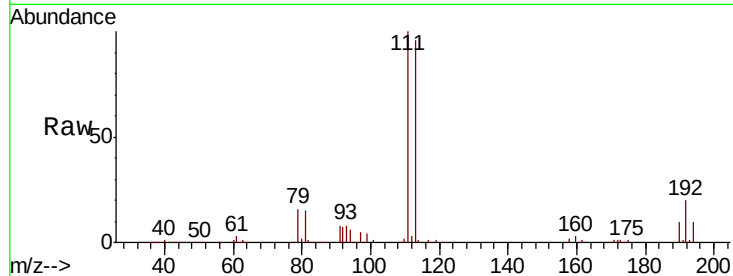




#35
 Dibromofluoromethane
 Concen: 48.832 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

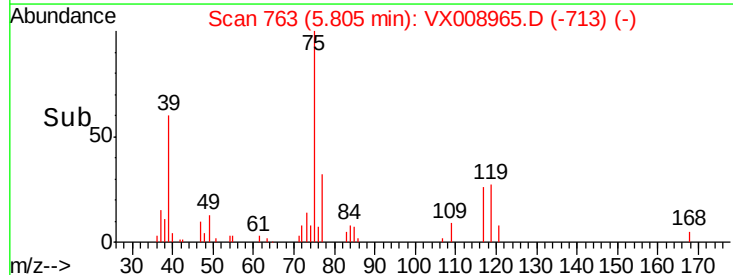
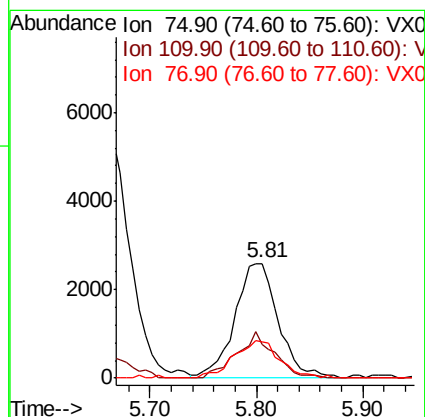
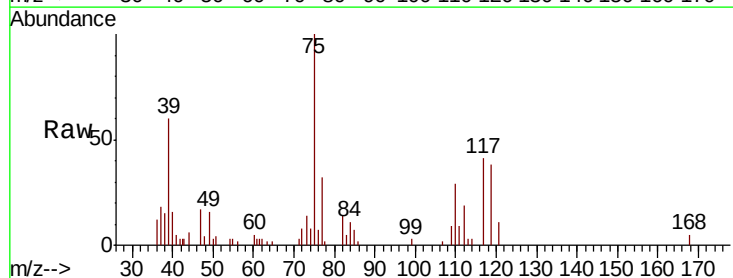
Instrument :
 MSVOA_X
 ClientSampleId :

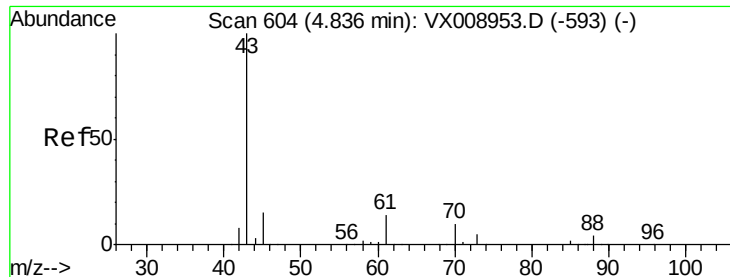
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	21.3	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 2.078 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.9	50.7
77	34.2	25.0	37.4

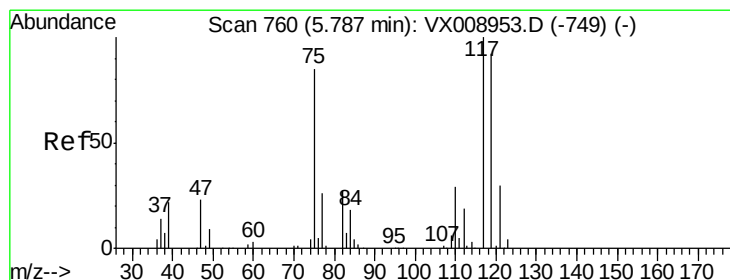
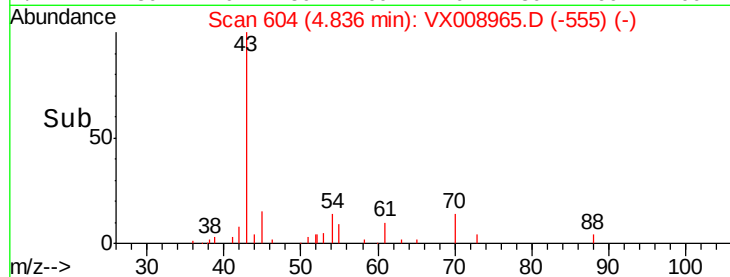
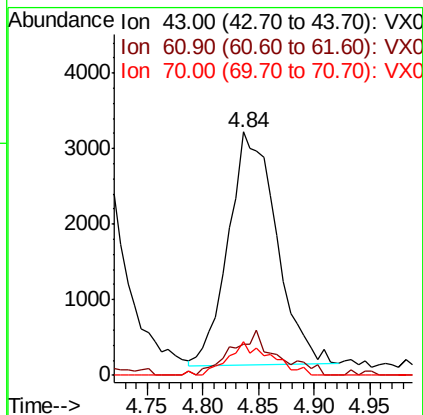
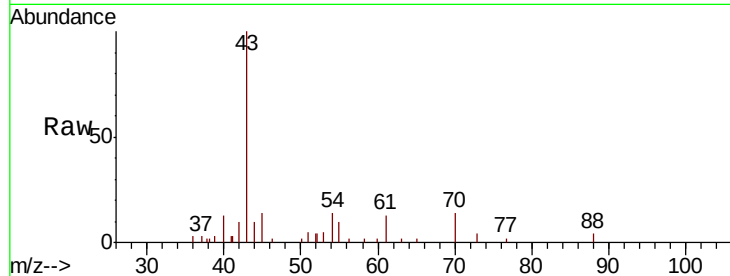




#37
Ethyl Acetate
Concen: 2.012 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

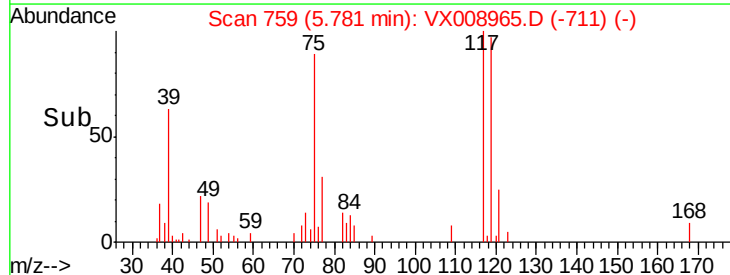
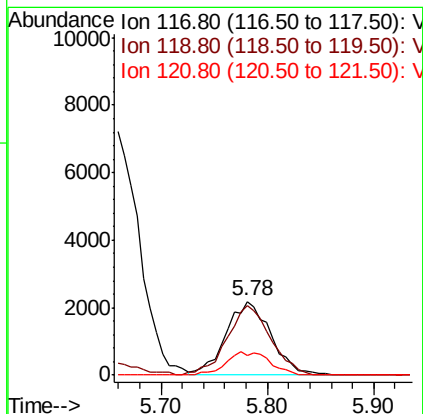
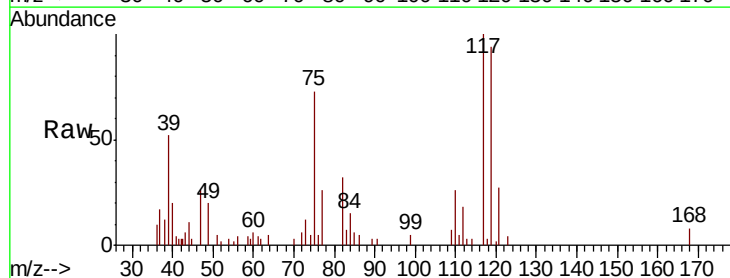
Instrument :
MSVOA_X
ClientSampleId :

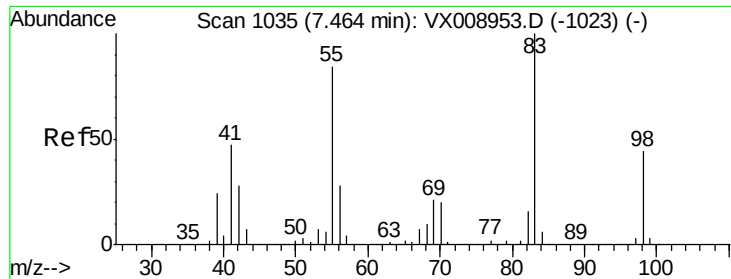
Tot Ion: 43 Resp: 9261
Ion Ratio Lower Upper
43 100
61 18.3 10.6 15.8#
70 12.8 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 2.113 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 117 Resp: 6407
Ion Ratio Lower Upper
117 100
119 94.3 73.8 110.8
121 27.2 23.6 35.4

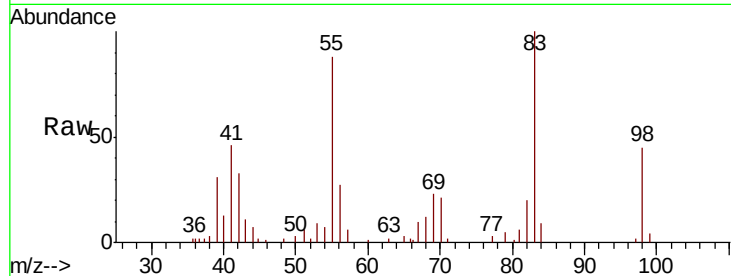




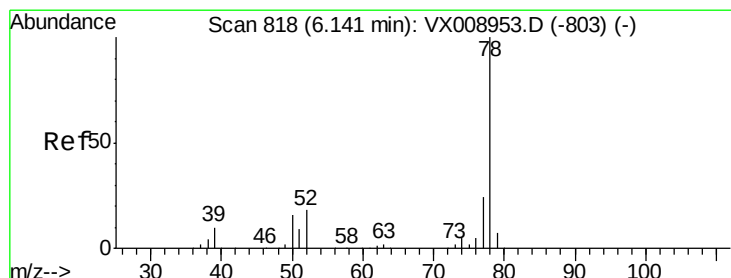
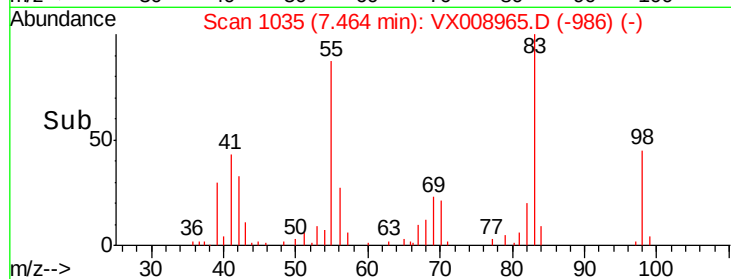
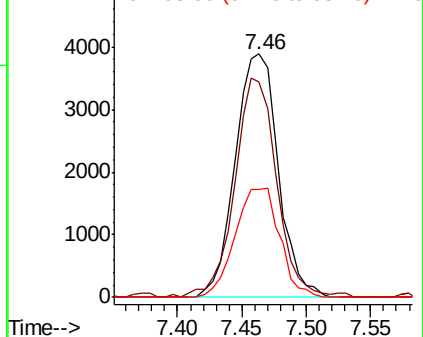
#39
Methylvlcyclohexane
Concen: 2.066 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 9000
Ion Ratio Lower Upper
83 100
55 86.7 67.1 100.7
98 44.6 35.1 52.7

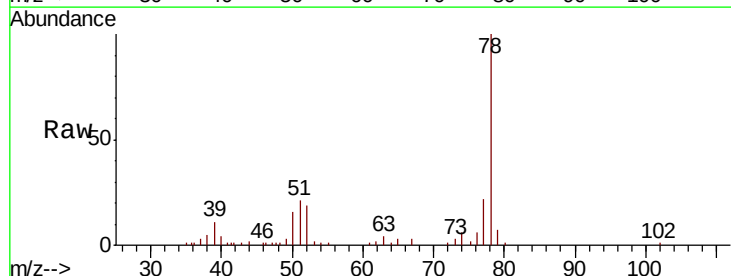


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

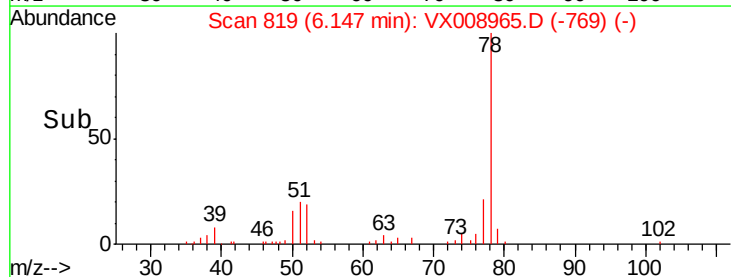
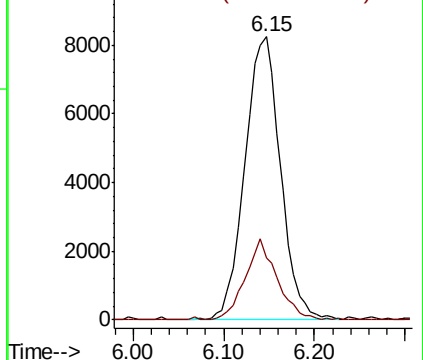


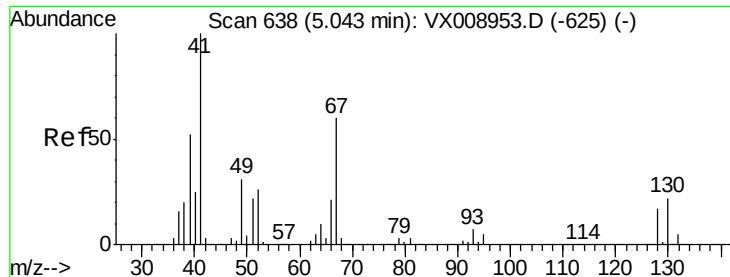
#40
Benzene
Concen: 2.125 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 78 Resp: 22422
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.6



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





#41

Methacrylonitrile

Concen: 1.941 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 5129

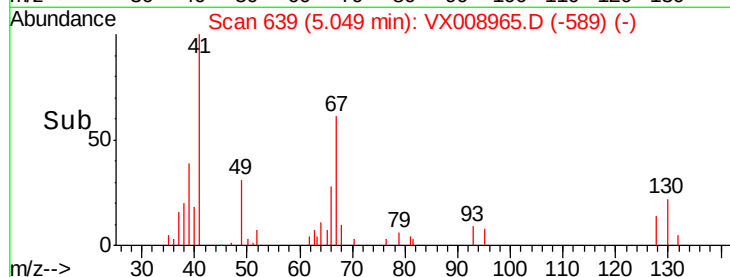
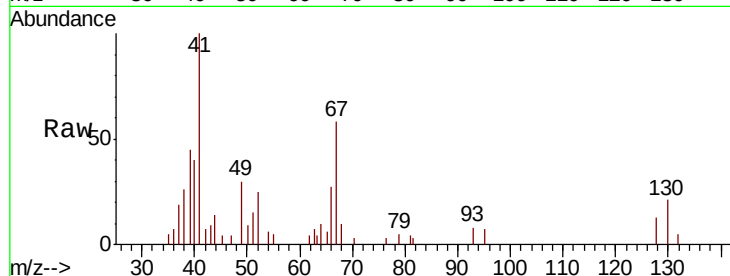
Ion Ratio Lower Upper

41 100

39 61.9 41.8 62.6

67 65.5 50.2 75.4

52 31.4 21.1 31.7

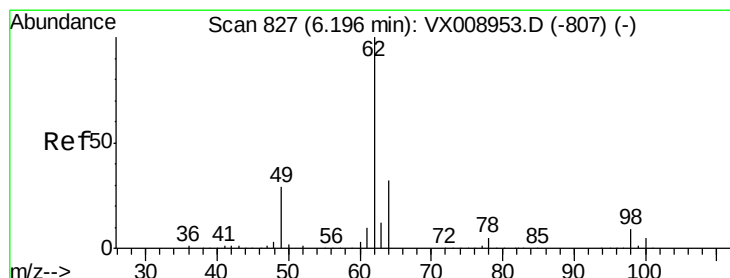
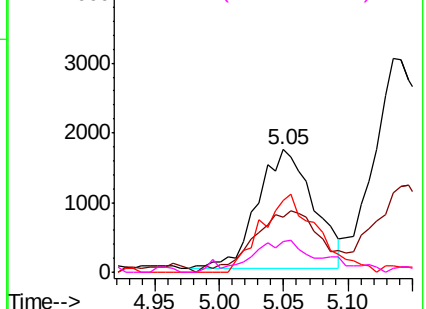


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 2.317 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008965.D

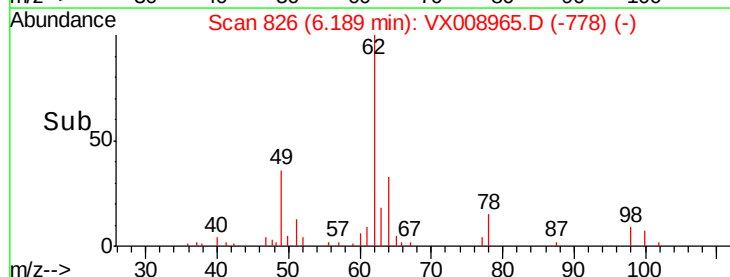
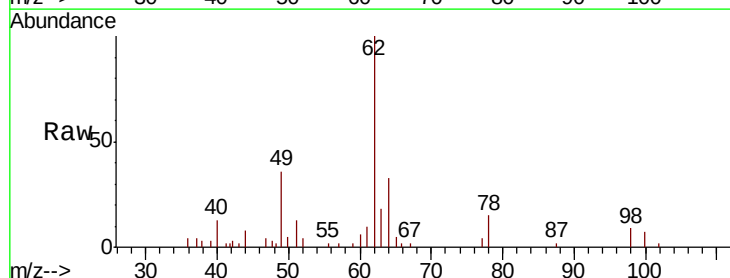
Acq: 15 Apr 2019 17:09

Tgt Ion: 62 Resp: 8660

Ion Ratio Lower Upper

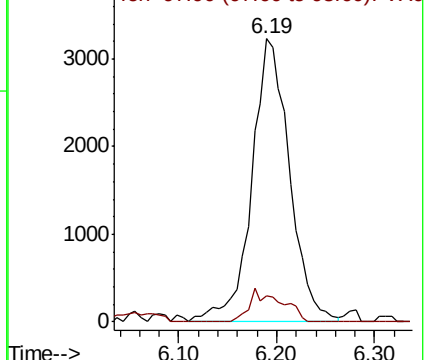
62 100

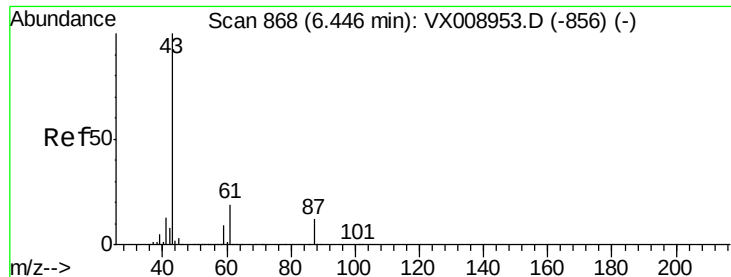
98 10.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 2.054 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

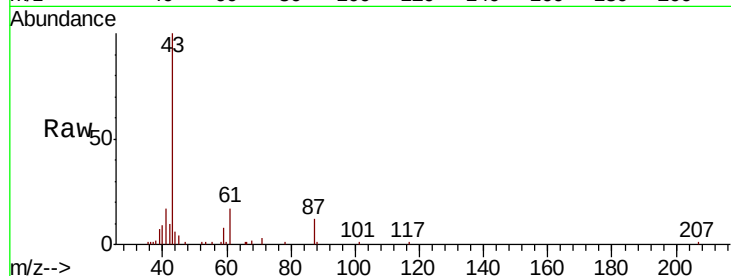
Tot Ion: 43 Resp: 15236

Ion Ratio Lower Upper

43 100

61 20.6 15.4 23.0

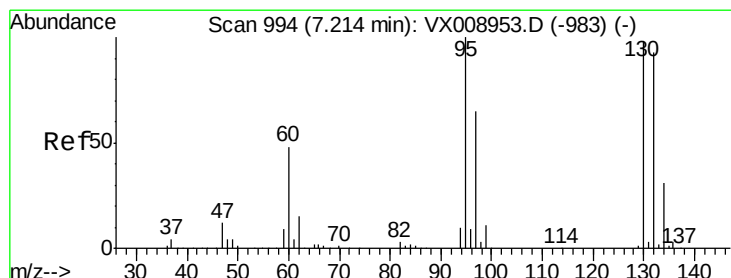
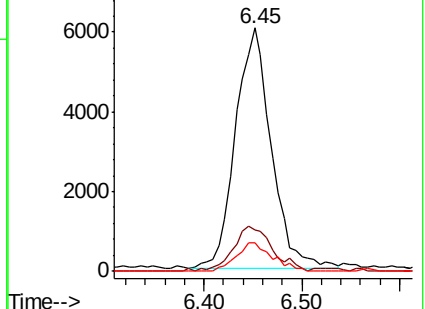
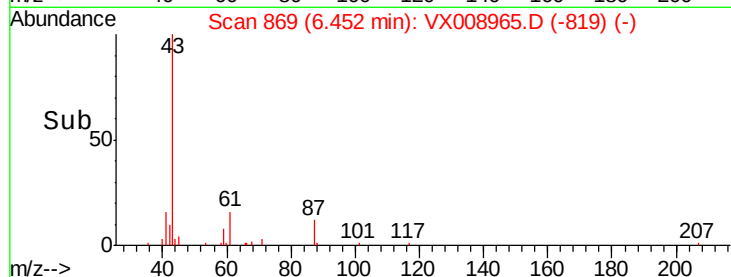
87 12.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 2.081 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008965.D

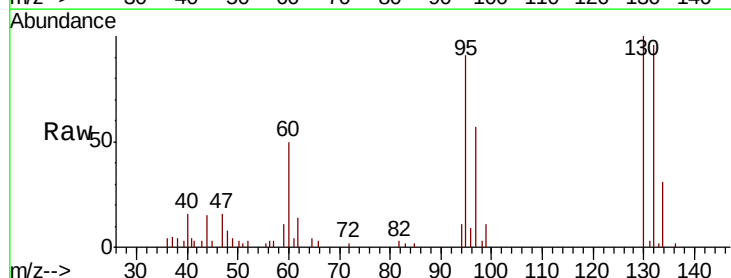
Acq: 15 Apr 2019 17:09

Tgt Ion:130 Resp: 5381

Ion Ratio Lower Upper

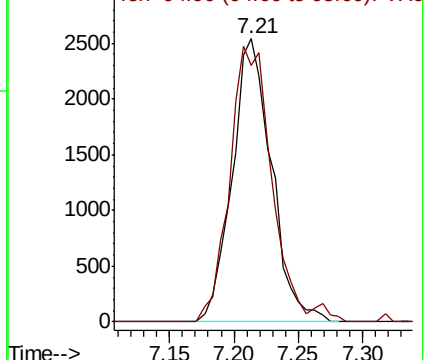
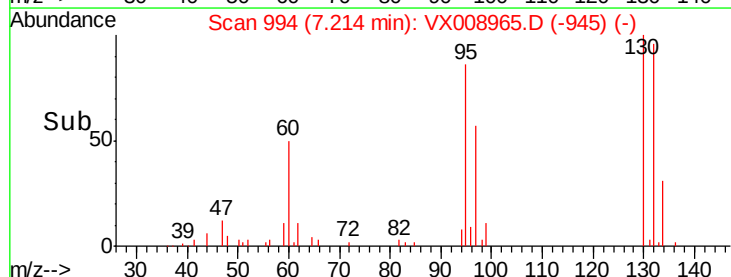
130 100

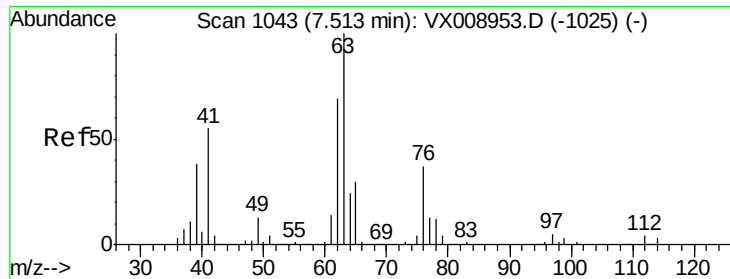
95 90.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

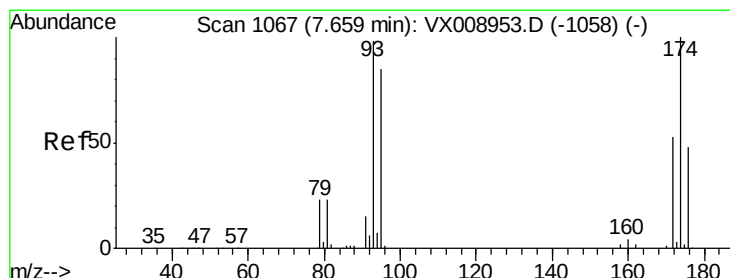
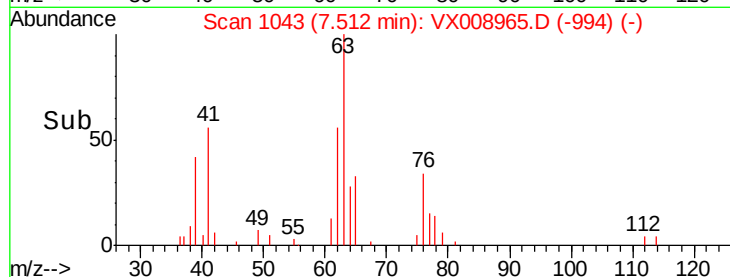
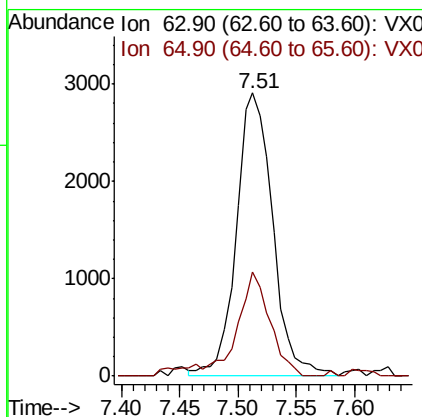
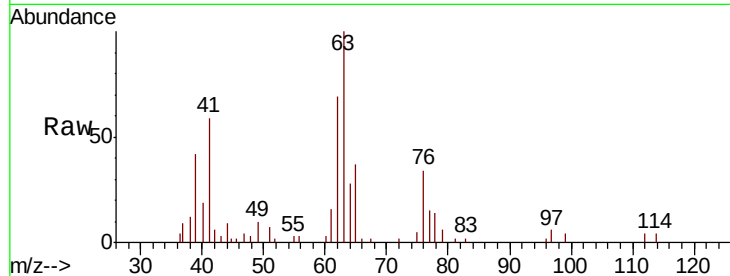




#45
 1,2-Dichloropropane
 Concen: 2.170 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

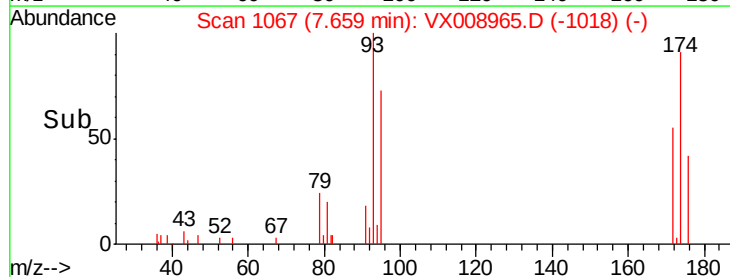
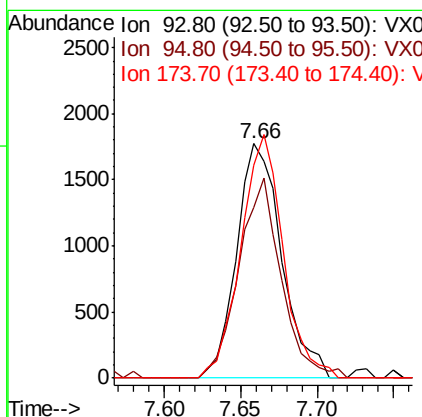
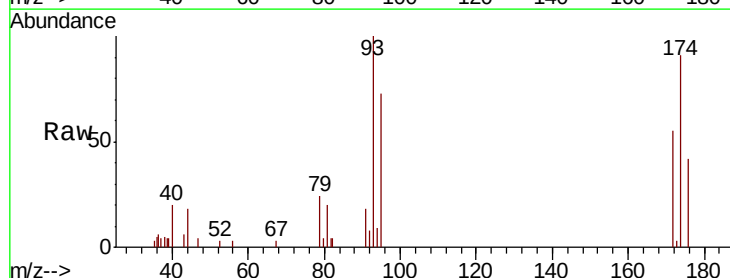
Instrument :
 MSVOA_X
 ClientSampleId :

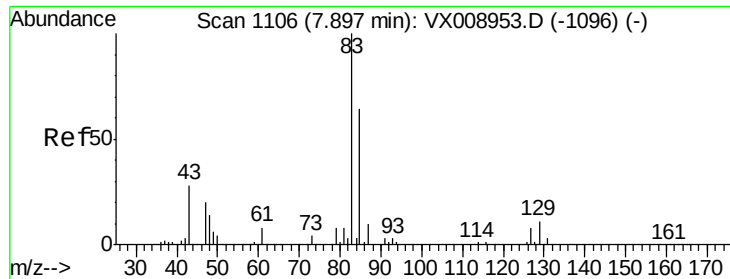
Tot Ion: 63 Resp: 6354
 Ion Ratio Lower Upper
 63 100
 65 36.7 24.1 36.1#



#46
 Dibromomethane
 Concen: 2.133 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion: 93 Resp: 3634
 Ion Ratio Lower Upper
 93 100
 95 80.4 67.0 100.4
 174 97.8 81.6 122.4





#47

Bromodichloromethane

Concen: 1.954 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

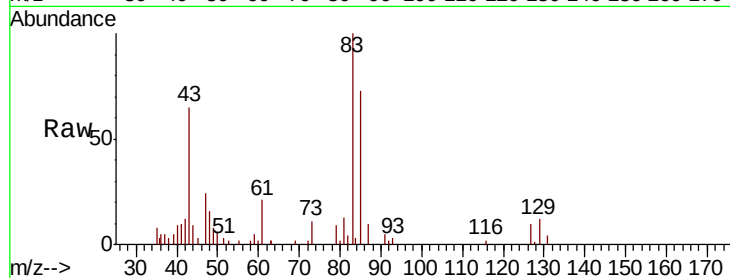
Tot Ion: 83 Resp: 6530

Ion Ratio Lower Upper

83 100

85 72.5 50.8 76.2

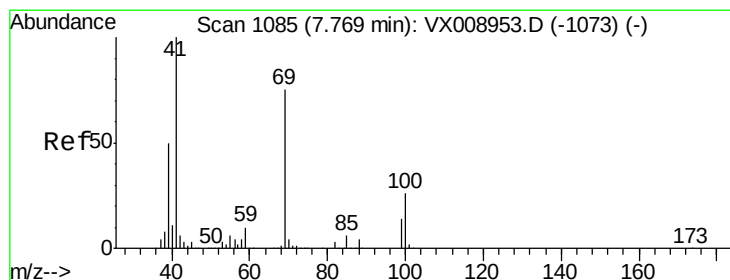
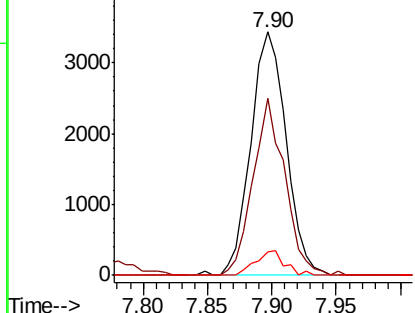
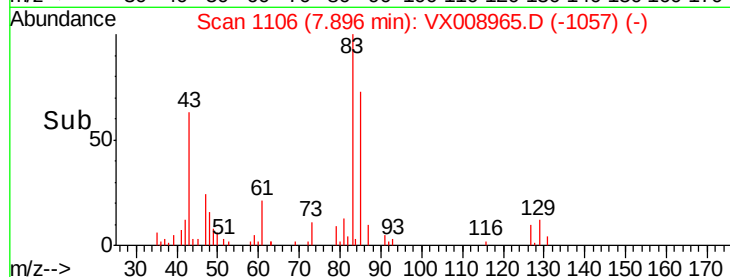
127 9.9 6.4 9.6#



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: 1.972 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

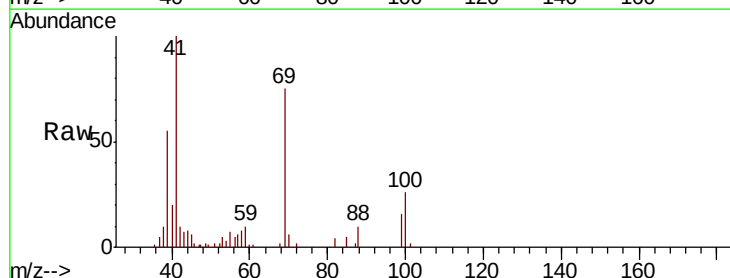
Tgt Ion: 41 Resp: 7229

Ion Ratio Lower Upper

41 100

69 75.6 59.4 89.2

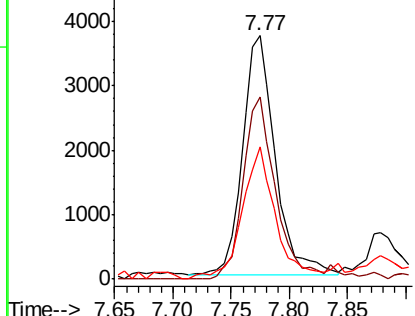
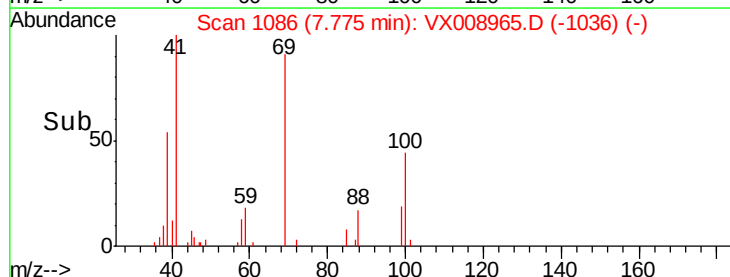
39 56.7 39.8 59.6

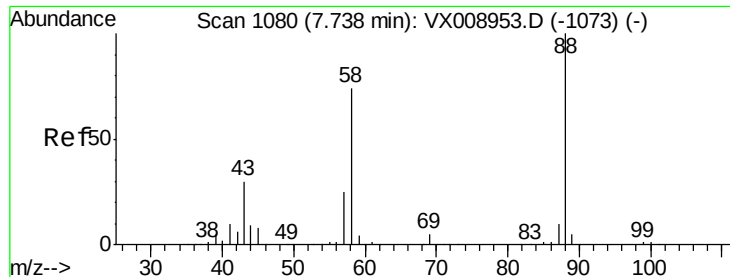


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

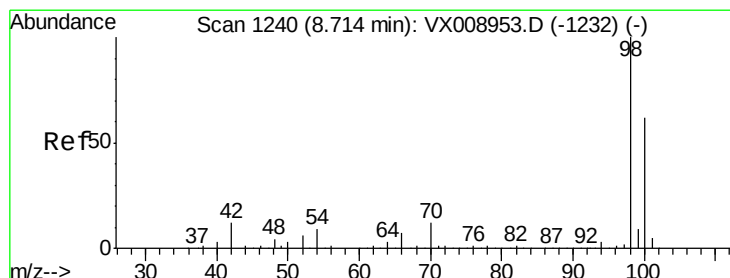
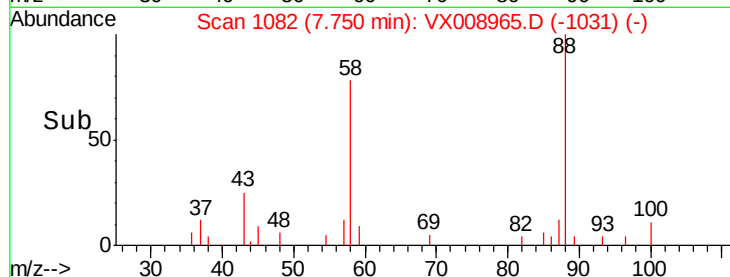
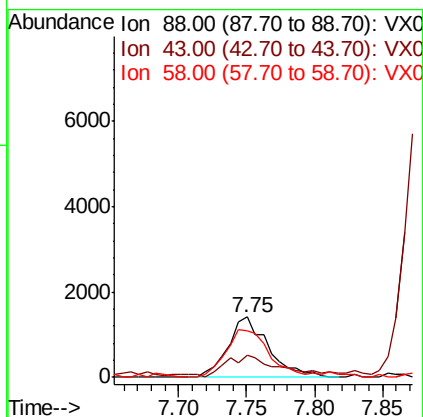
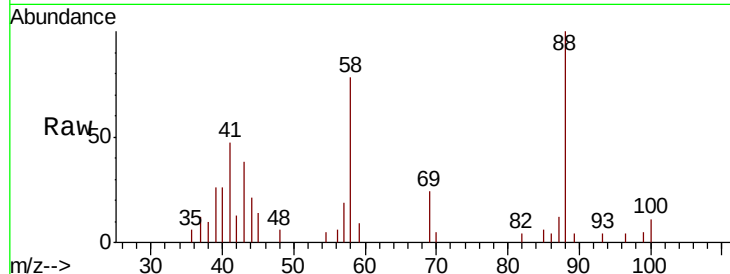




#49
1,4-Dioxane
Concen: 42.565 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

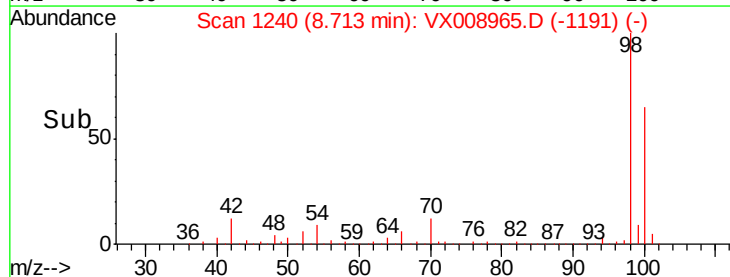
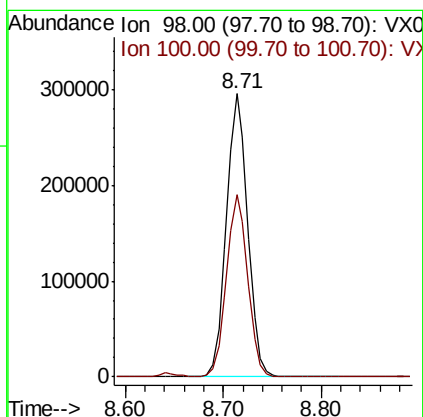
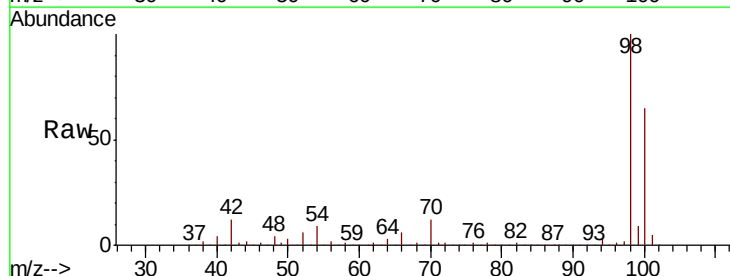
Instrument :
MSVOA_X
ClientSampleId :

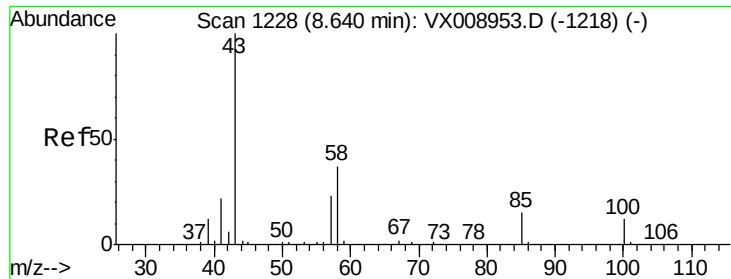
Tot Ion: 88 Resp: 2920
Ion Ratio Lower Upper
88 100
43 50.4 29.3 43.9#
58 85.8 62.6 93.8



#50
Toluene-d8
Concen: 50.389 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 98 Resp: 446081
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 9.982 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

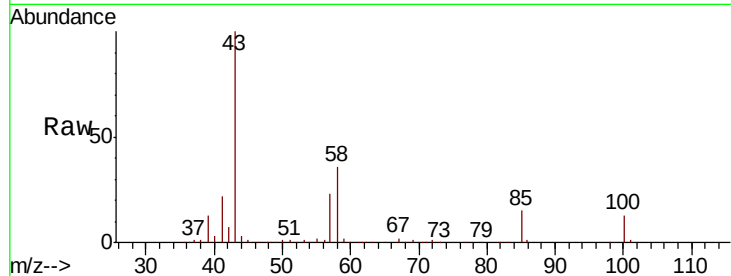
ClientSampleId :

Tot Ion: 43 Resp: 47173

Ion Ratio Lower Upper

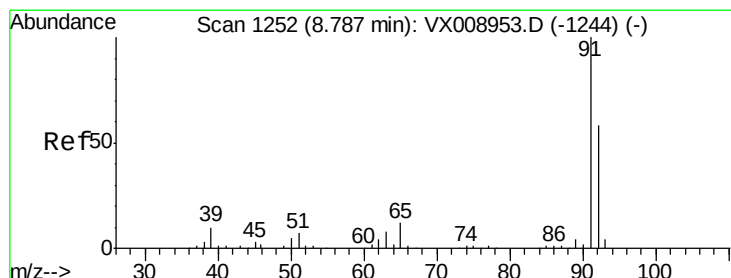
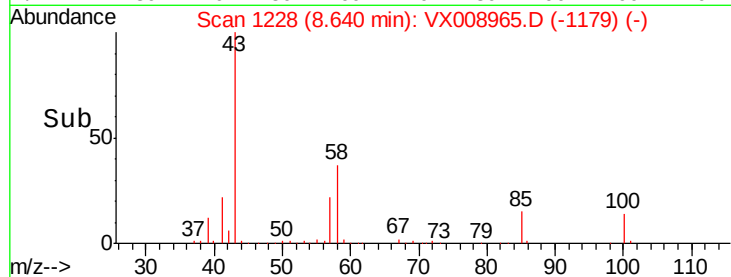
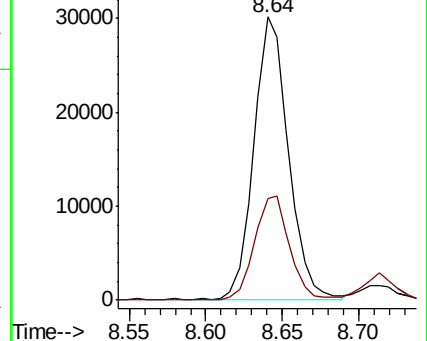
43 100

58 37.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.188 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008965.D

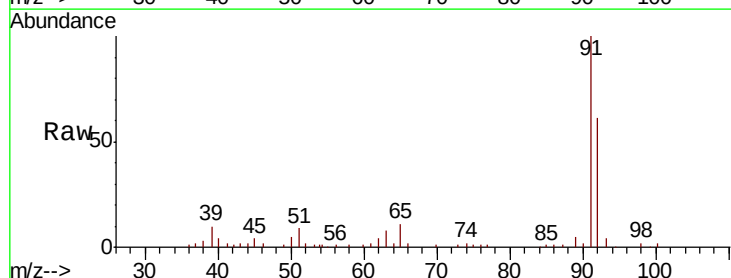
Acq: 15 Apr 2019 17:09

Tgt Ion: 92 Resp: 13838

Ion Ratio Lower Upper

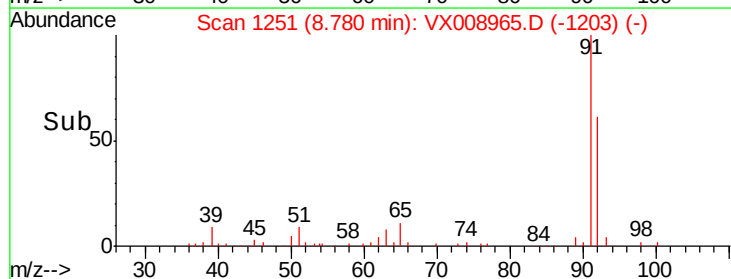
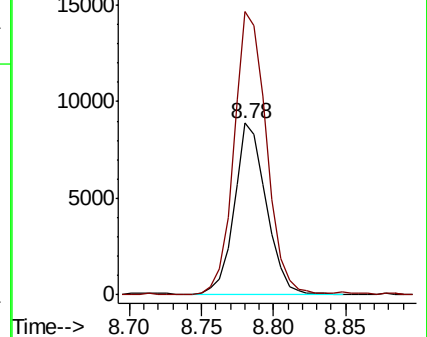
92 100

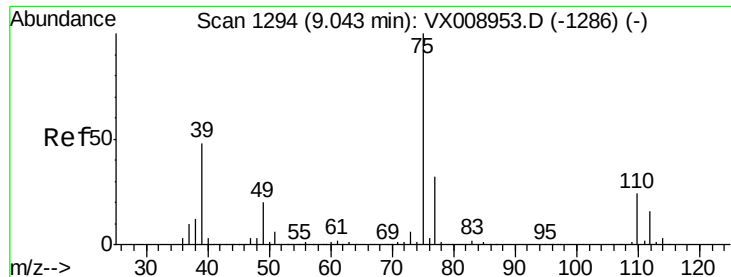
91 166.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

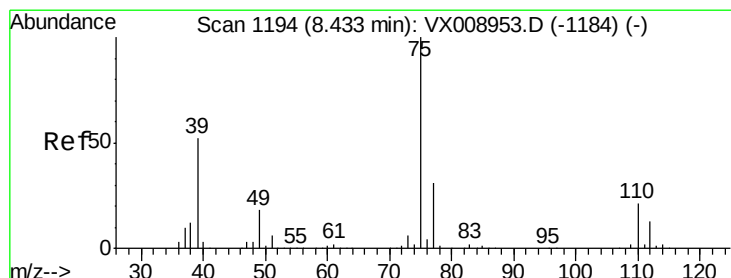
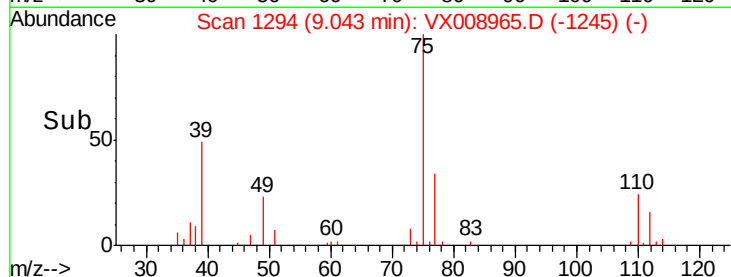
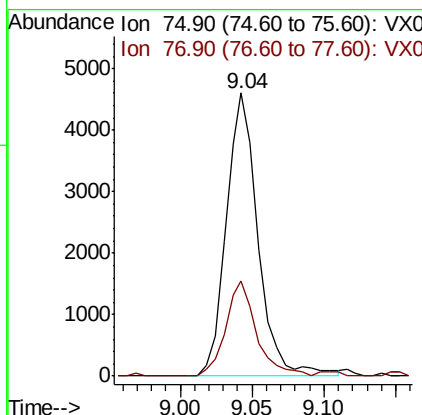
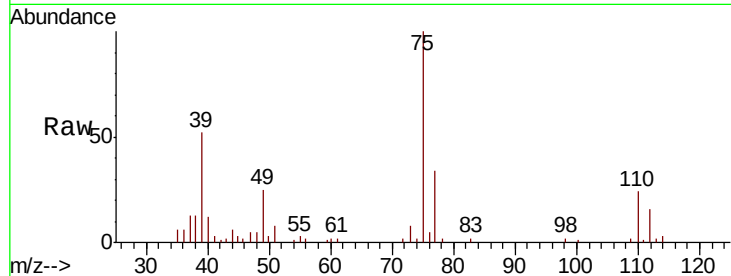




#53
 t-1,3-Dichloropropene
 Concen: 1.849 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

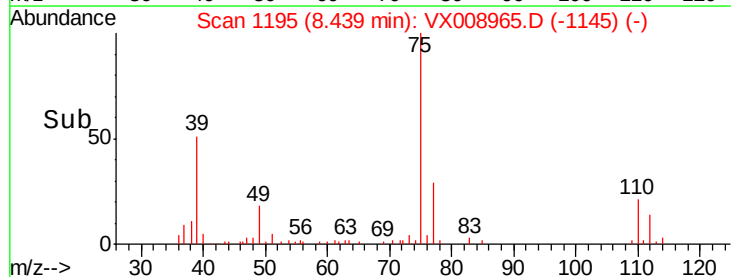
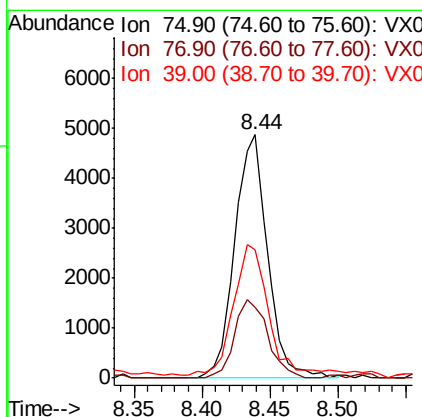
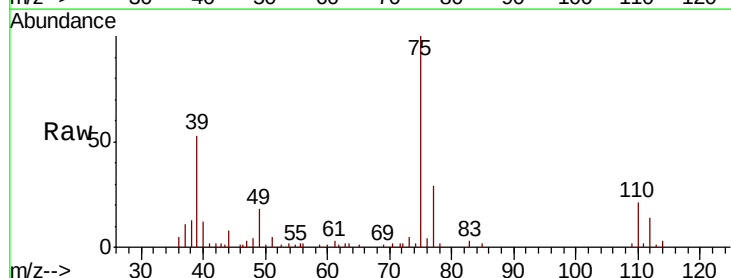
Instrument :
 MSVOA_X
 ClientSampled :

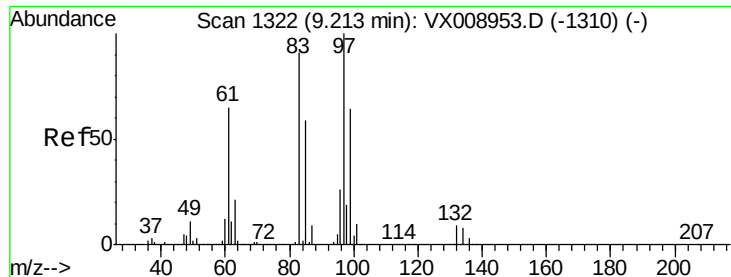
Tot Ion: 75 Resp: 7112
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 1.902 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion: 75 Resp: 8190
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.8 37.2
 39 51.3 41.8 62.6

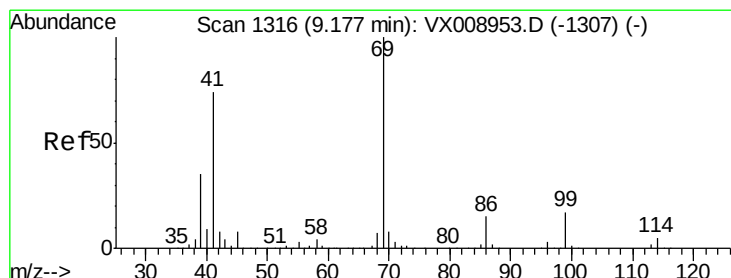
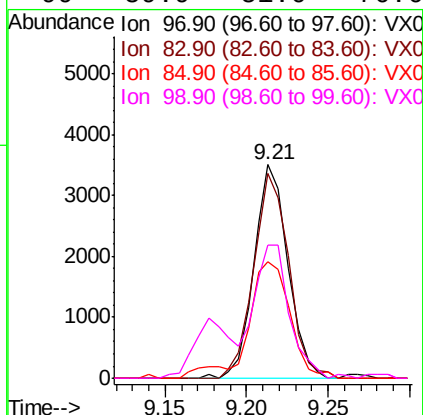
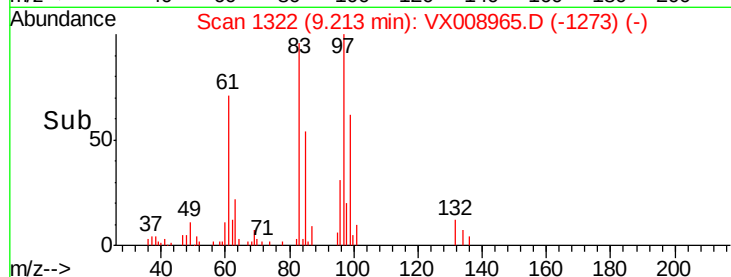
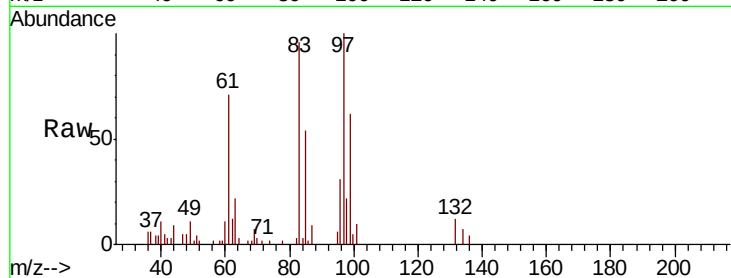




#55
 1,1,2-Trichloroethane
 Concen: 2.013 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

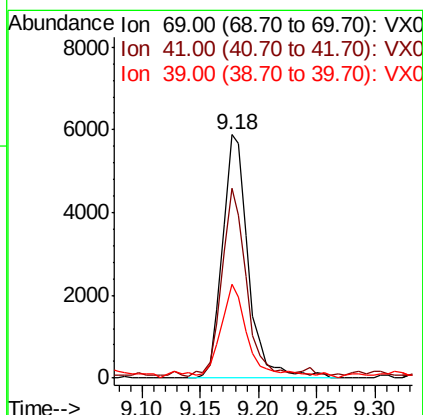
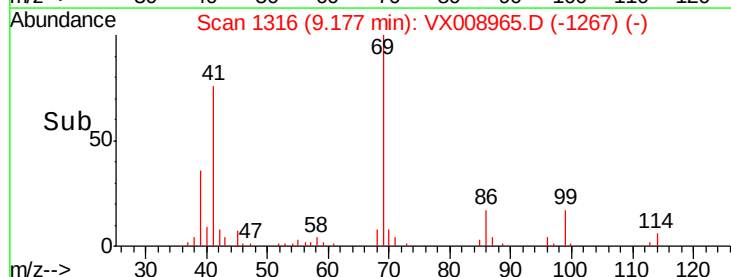
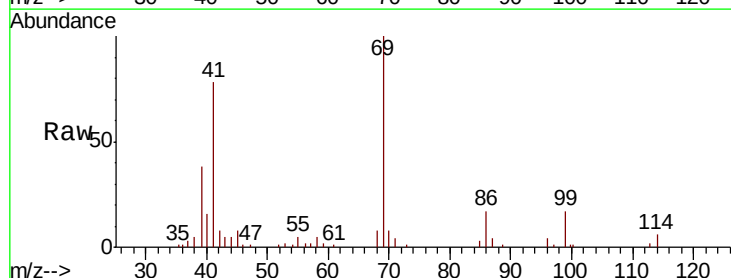
Instrument :
 MSVOA_X
 ClientSampled :

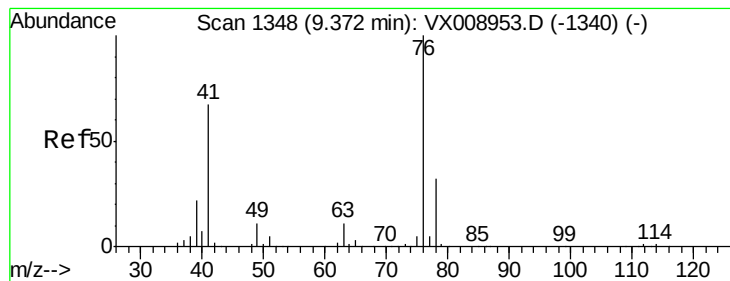
Tot Ion	97	Resp	5045
Ion	Ratio	Lower	Upper
97	100		
83	96.0	72.6	108.8
85	54.3	46.9	70.3
99	59.9	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 2.006 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion	69	Resp	9016
Ion	Ratio	Lower	Upper
69	100		
41	72.3	60.2	90.2
39	41.5	27.9	41.9





#57

1,3-Dichloropropane

Concen: 2.115 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

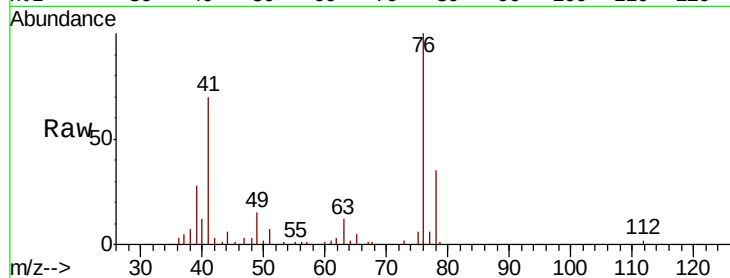
ClientSampleId :

Tot Ion: 76 Resp: 9441

Ion Ratio Lower Upper

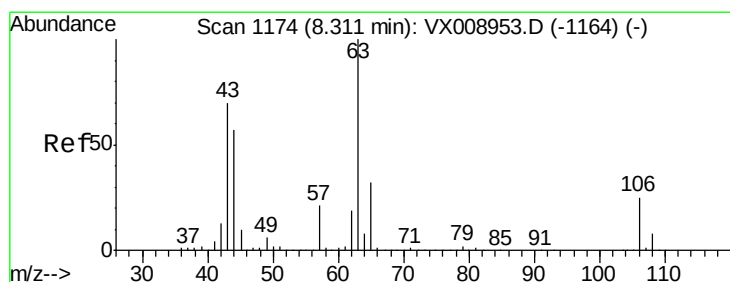
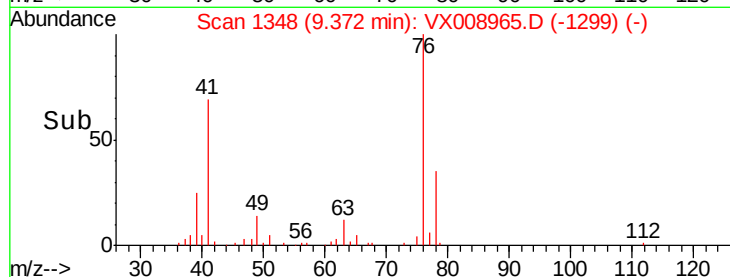
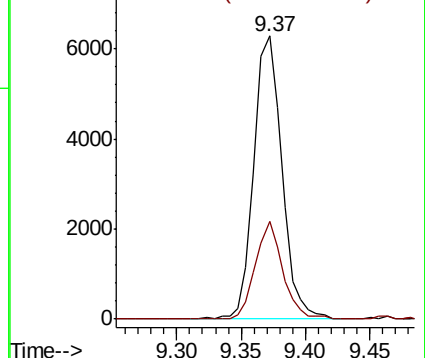
76 100

78 33.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 9.857 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008965.D

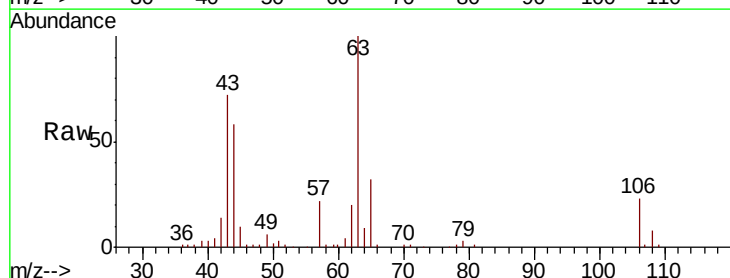
Acq: 15 Apr 2019 17:09

Tgt Ion: 63 Resp: 23857

Ion Ratio Lower Upper

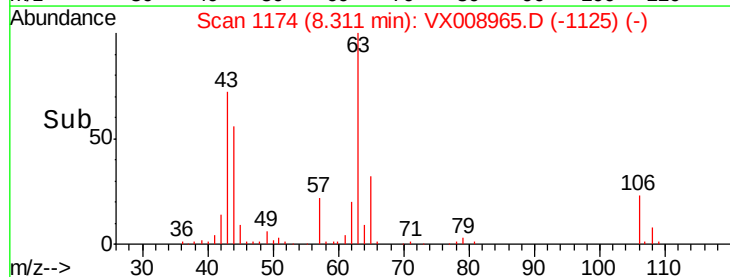
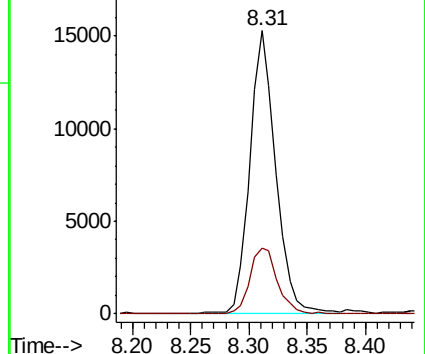
63 100

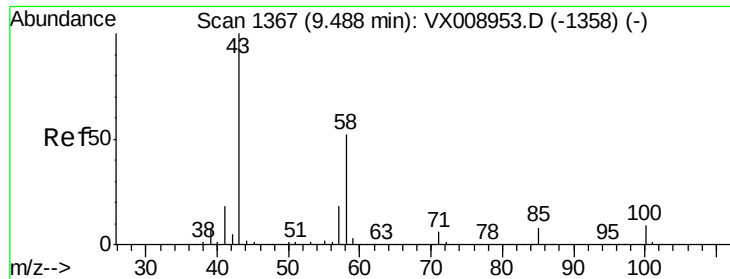
106 24.5 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

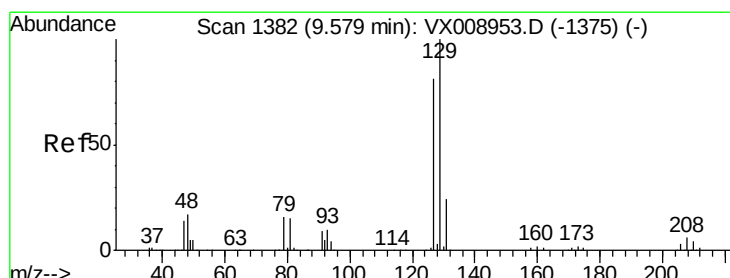
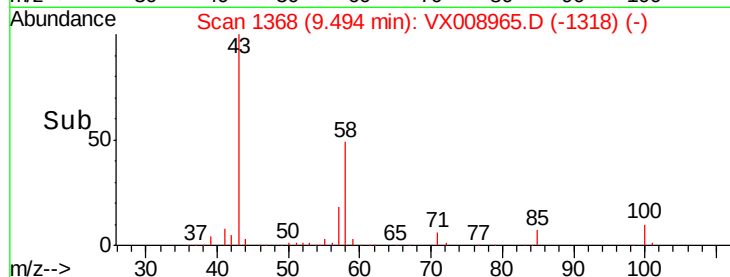
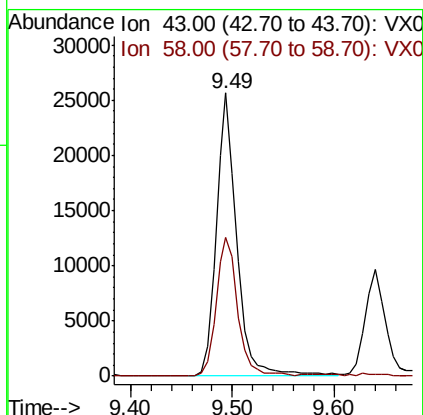
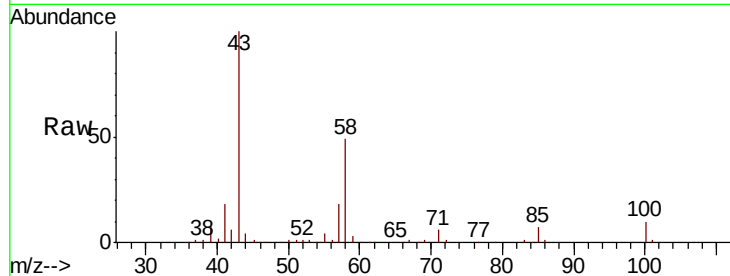




#59
2-Hexanone
Concen: 9.789 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

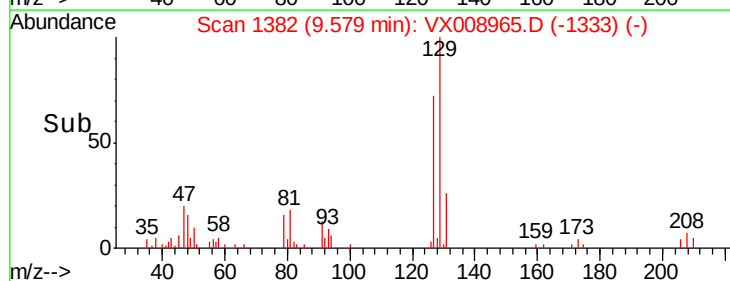
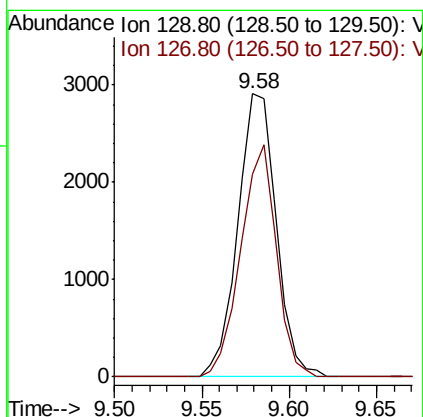
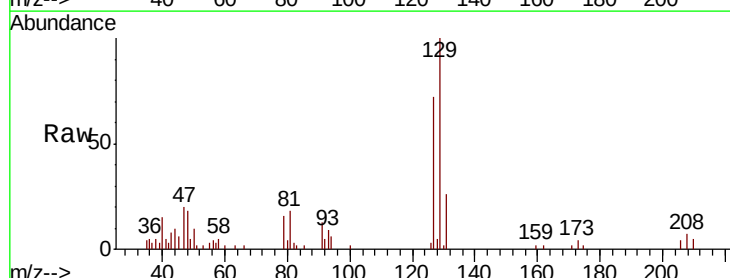
Instrument :
MSVOA_X
ClientSampled :

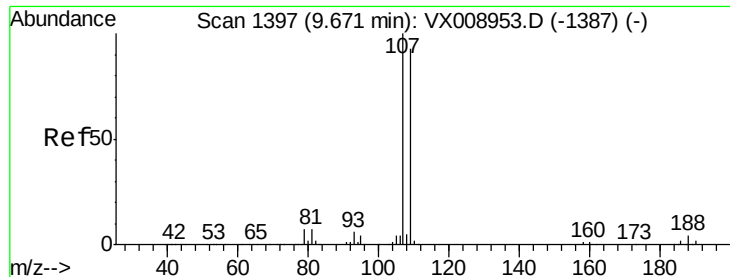
Tot Ion: 43 Resp: 35666
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8



#60
Dibromochloromethane
Concen: 1.852 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 129 Resp: 4449
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 2.099 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

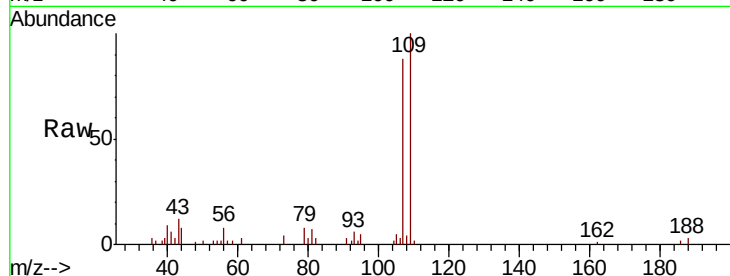
ClientSampleId :

Tot Ion:107 Resp: 5431

Ion Ratio Lower Upper

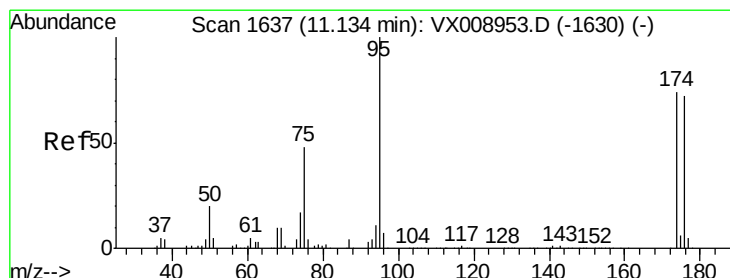
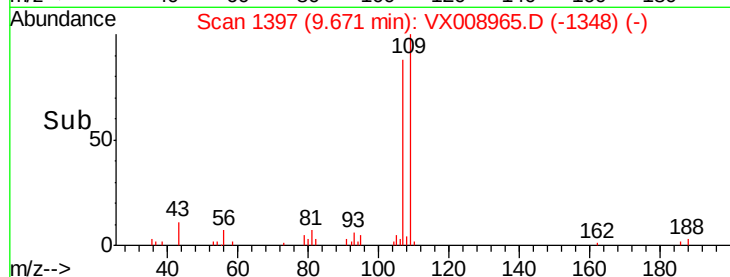
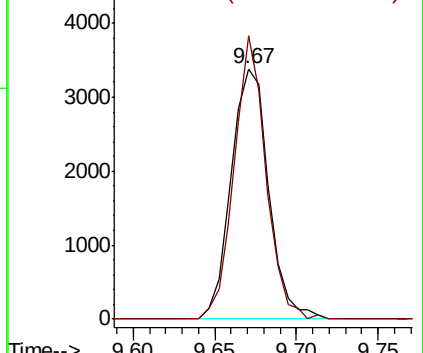
107 100

109 95.7 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: 48.572 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

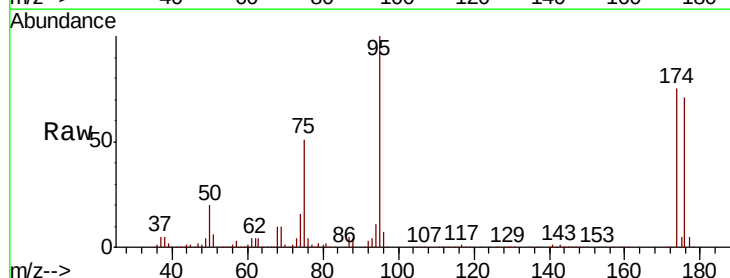
Tgt Ion: 95 Resp: 151788

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.6

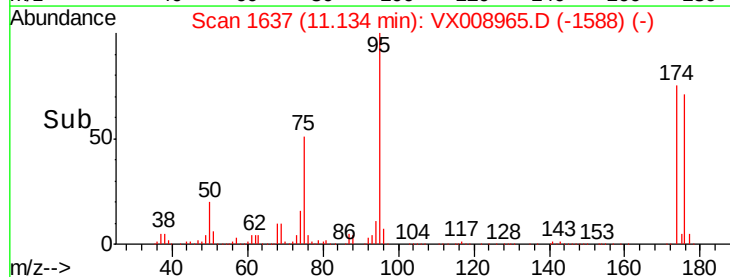
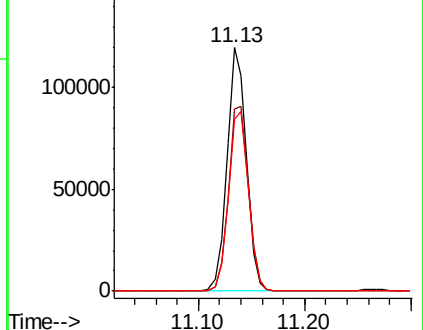
176 76.6 0.0 154.8

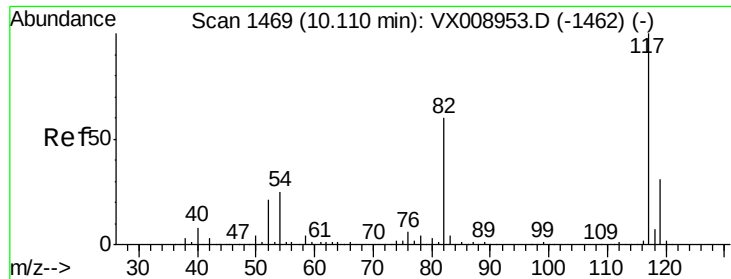


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

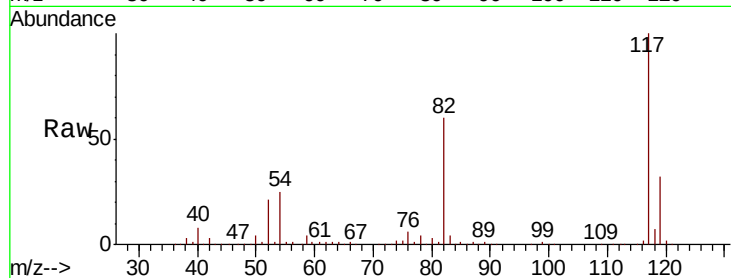




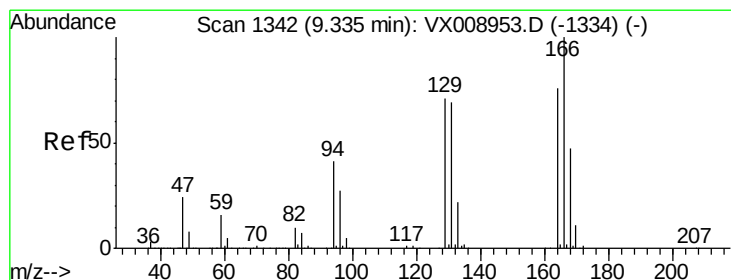
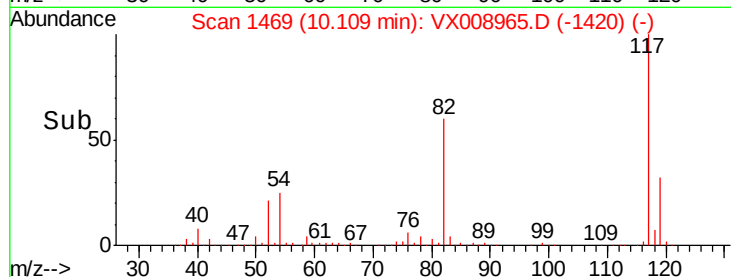
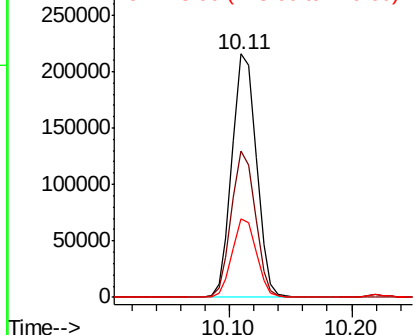
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 298650
Ion Ratio Lower Upper
117 100
82 60.4 48.2 72.4
119 32.2 25.0 37.6

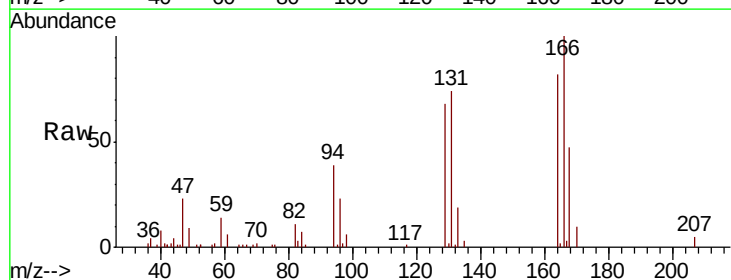


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

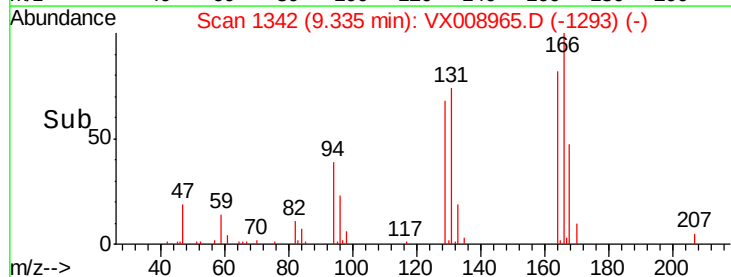
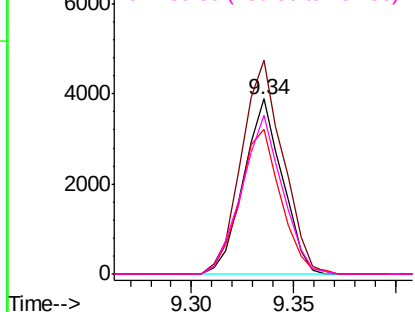


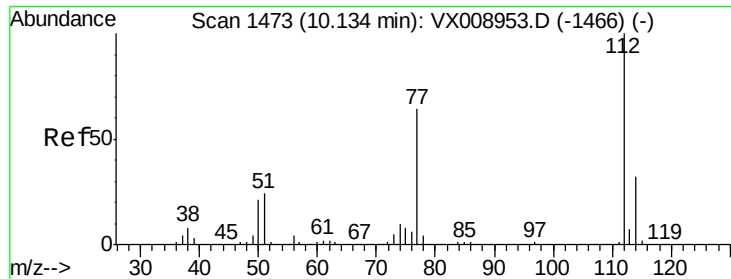
#64
Tetrachloroethene
Concen: 2.261 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion:164 Resp: 5130
Ion Ratio Lower Upper
164 100
166 122.2 105.0 157.4
129 83.0 74.2 111.4
131 91.0 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

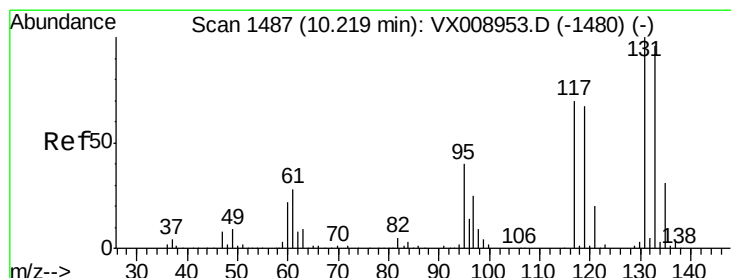
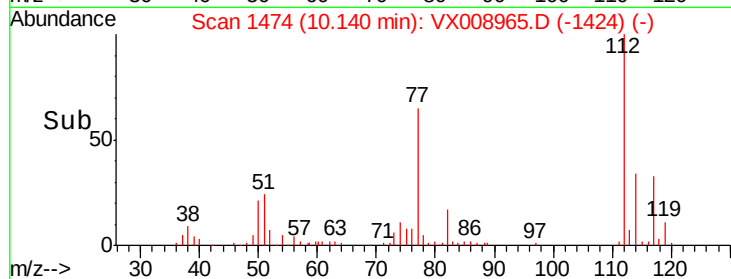
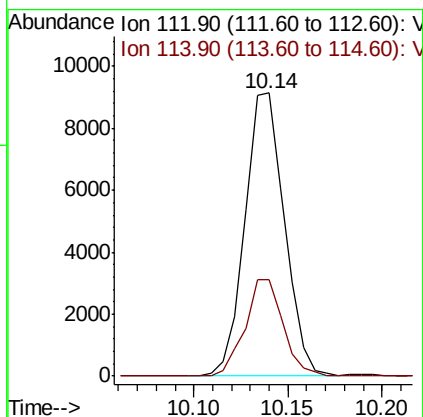
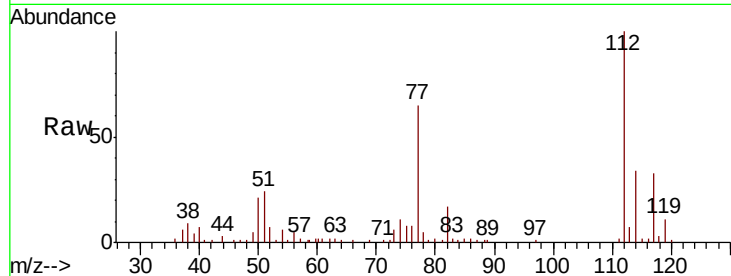




#65
Chlorobenzene
Concen: 2.108 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

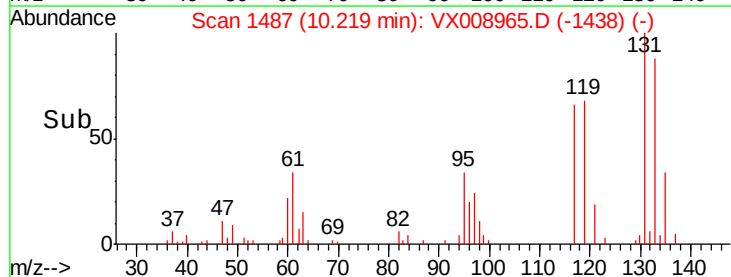
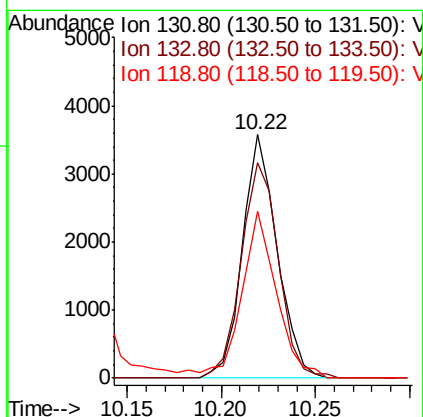
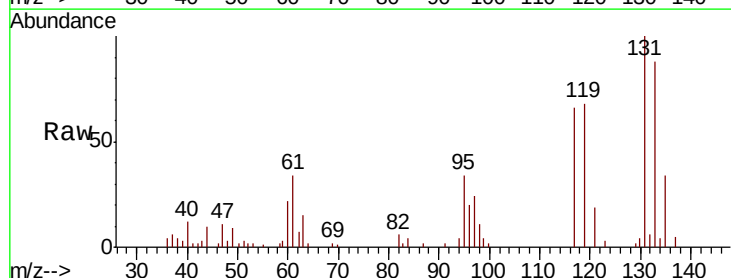
Instrument :
MSVOA_X
ClientSampled :

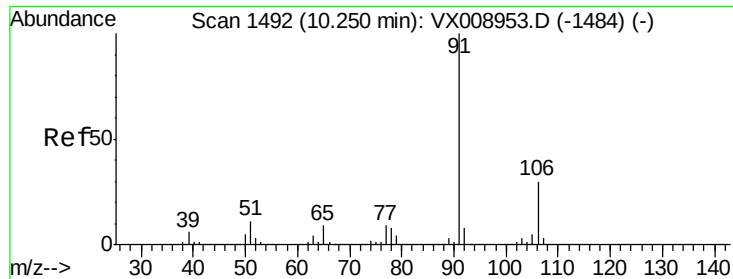
Tot Ion:112 Resp: 13291
Ion Ratio Lower Upper
112 100
114 34.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 2.062 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion:131 Resp: 4579
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 69.4 33.7 101.1

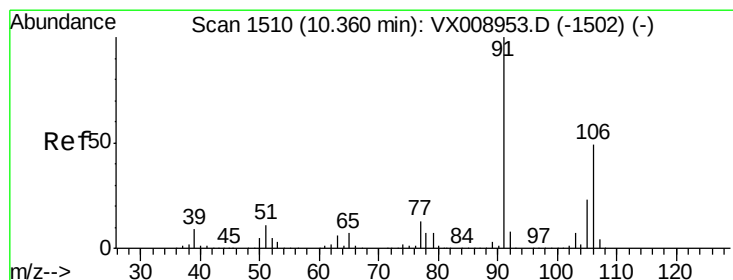
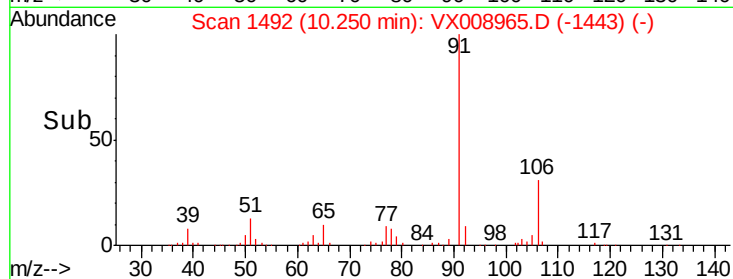
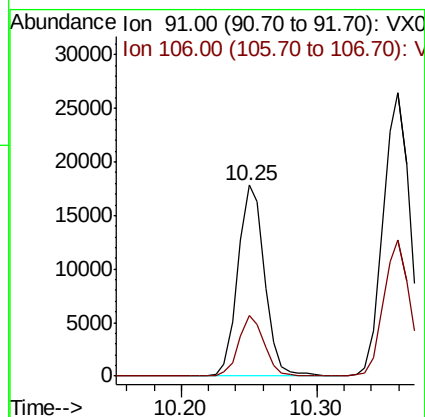
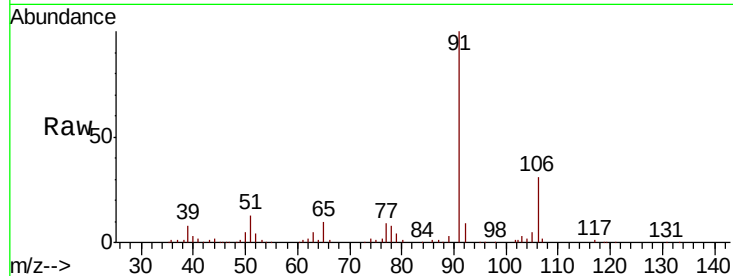




#67
Ethyl Benzene
Concen: 2.120 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

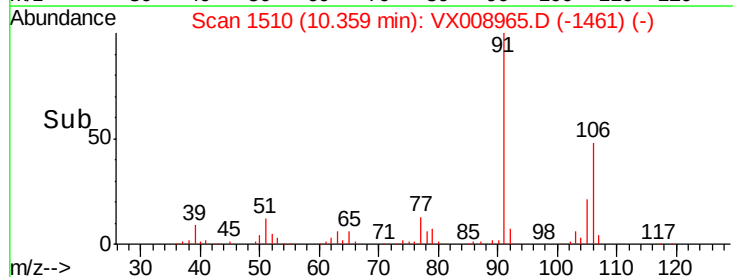
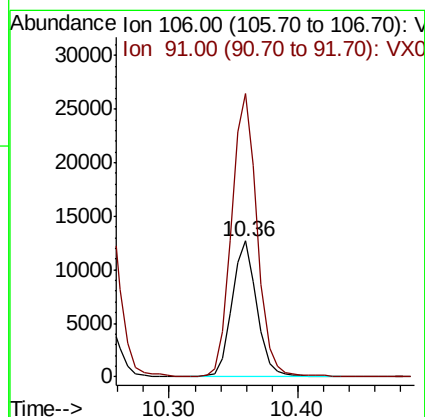
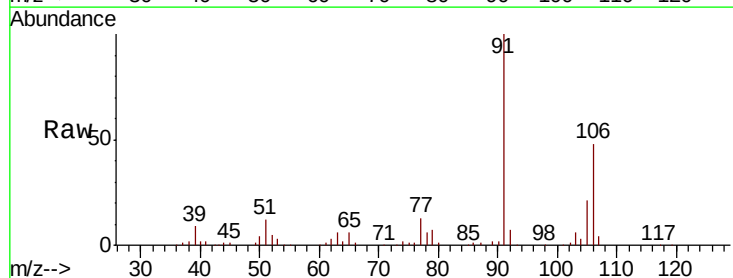
Instrument :
MSVOA_X
ClientSampleId :

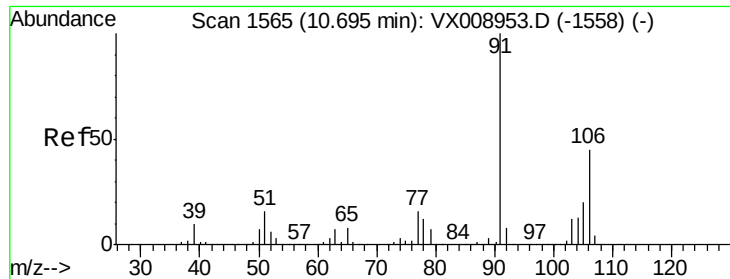
Tot Ion: 91 Resp: 24425
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5



#68
m/p-Xylenes
Concen: 4.116 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 106 Resp: 17238
Ion Ratio Lower Upper
106 100
91 214.3 165.4 248.2

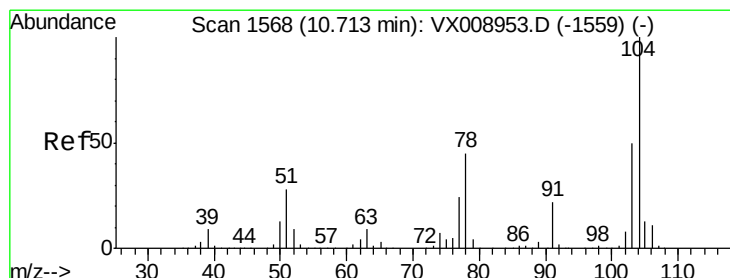
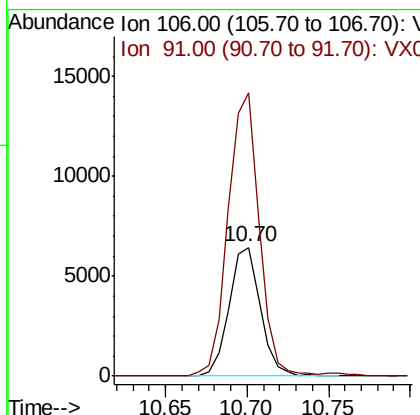
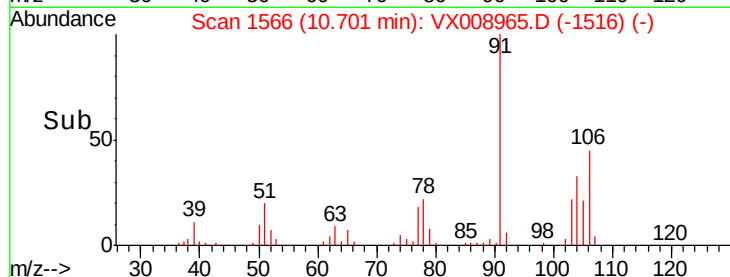
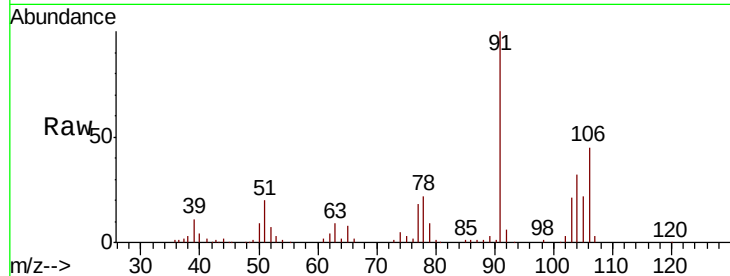




#69
o-Xylene
Concen: 2.094 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

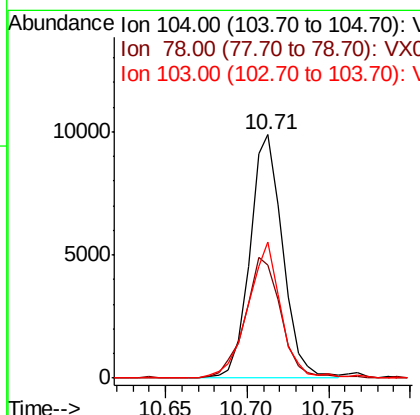
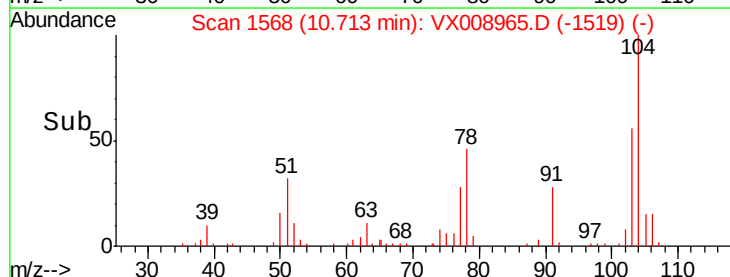
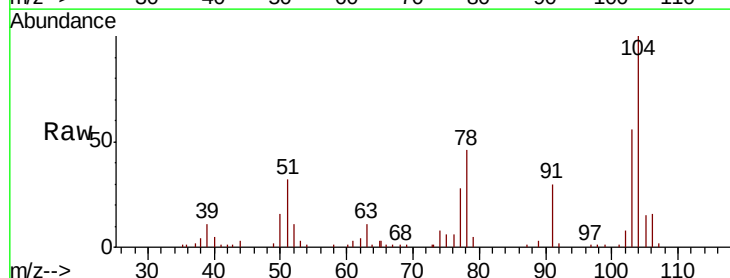
Instrument :
MSVOA_X
ClientSampleId :

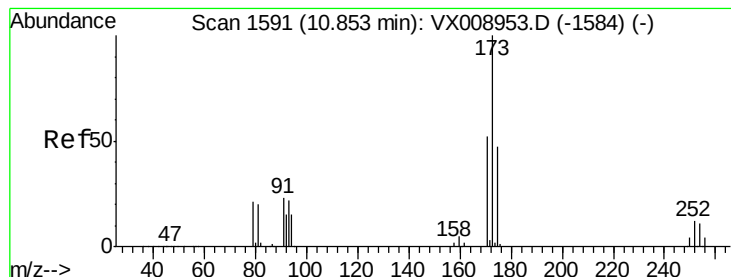
Tot Ion:106 Resp: 8532
Ion Ratio Lower Upper
106 100
91 219.8 108.9 326.7



#70
Styrene
Concen: 1.962 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion:104 Resp: 13855
Ion Ratio Lower Upper
104 100
78 54.7 41.2 61.8
103 56.5 43.9 65.9





#71

Bromoform

Concen: 1.738 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

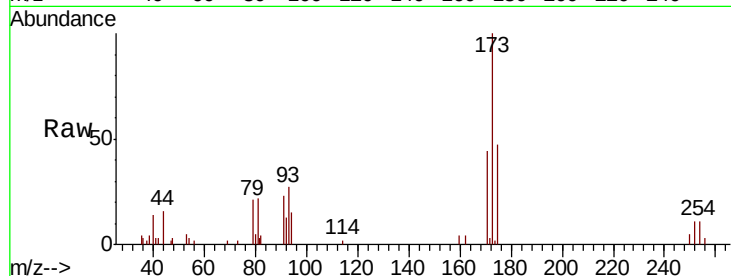
Tot Ion:173 Resp: 3075

Ion Ratio Lower Upper

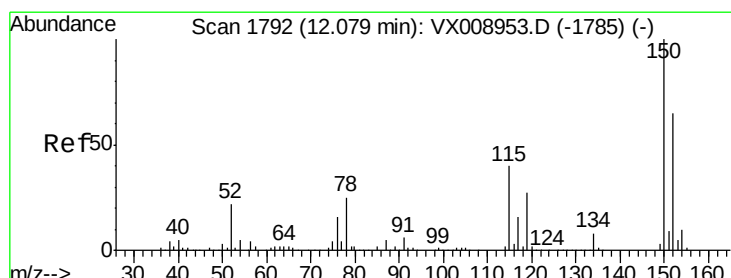
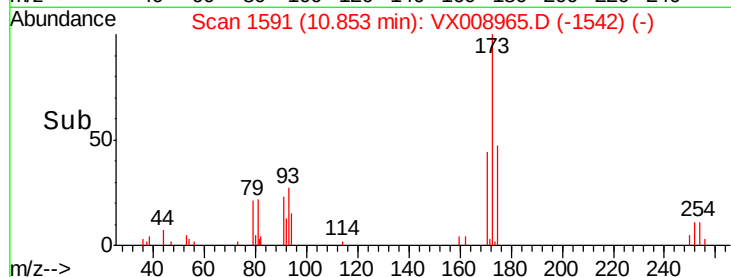
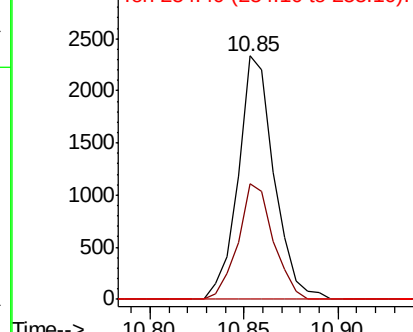
173 100

175 46.5 23.9 71.8

254 0.0 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

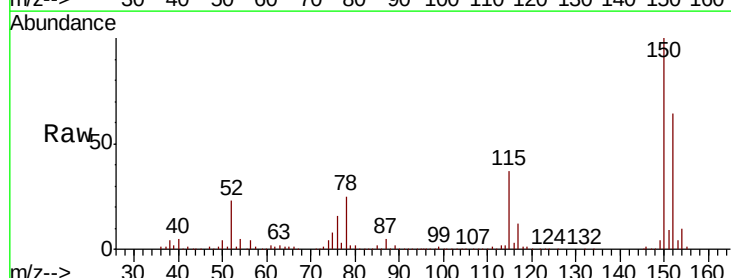
Tgt Ion:152 Resp: 133957

Ion Ratio Lower Upper

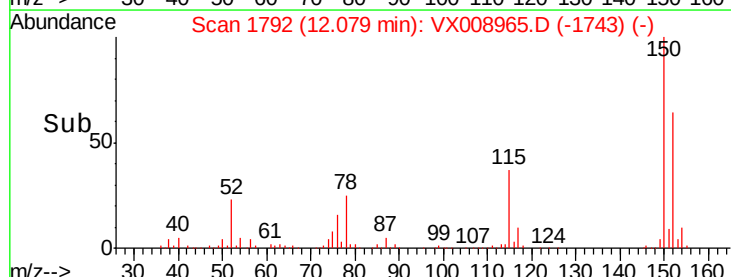
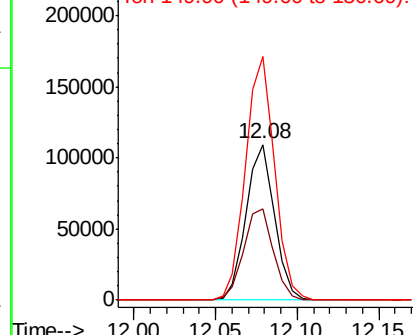
152 100

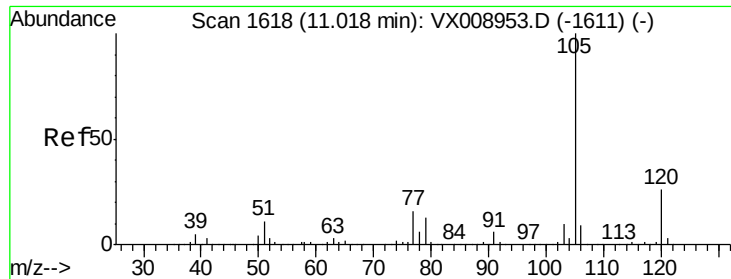
115 61.0 41.4 124.2

150 158.6 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

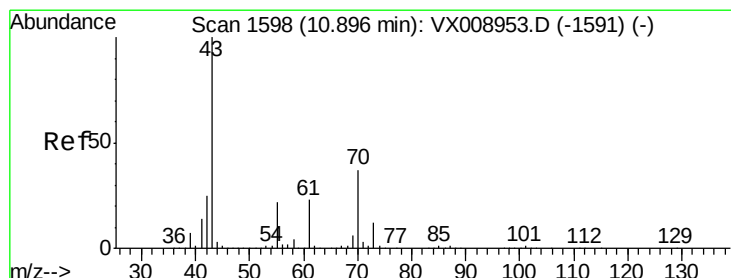
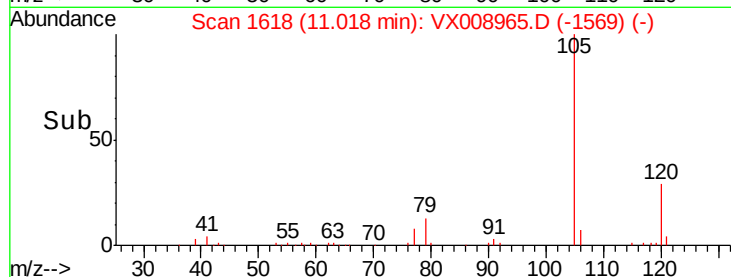
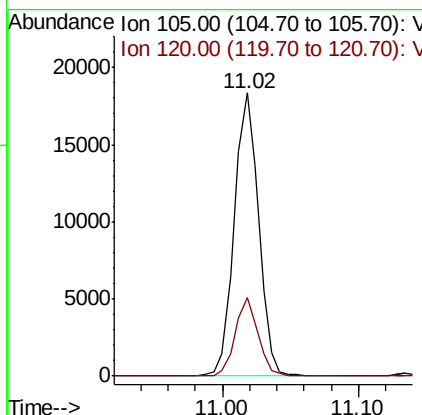
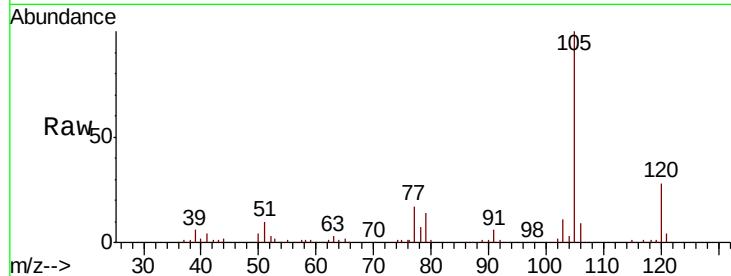




#73
Isopropylbenzene
Concen: 2.252 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

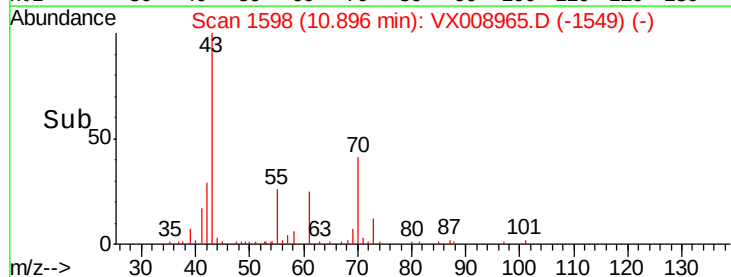
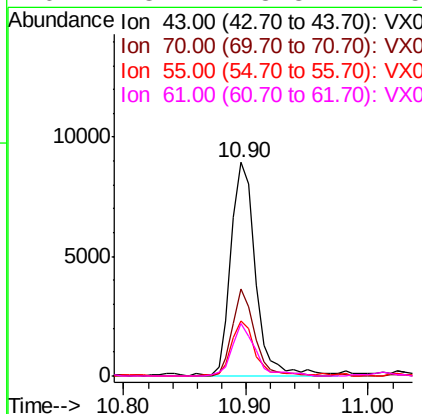
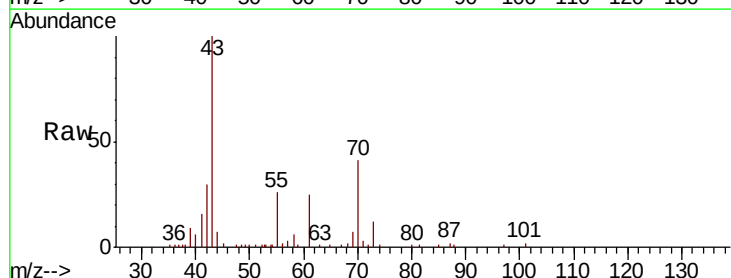
Instrument :
MSVOA_X
ClientSampleId :

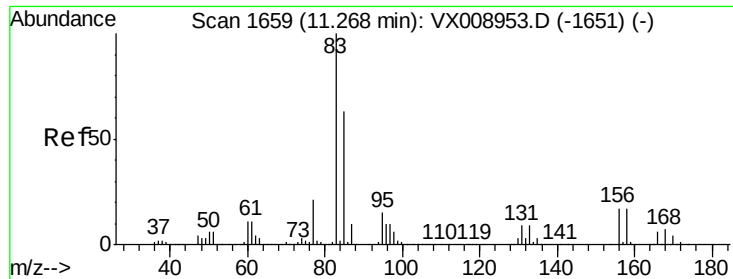
Tot Ion:105 Resp: 22867
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7



#74
N-ethyl acetate
Concen: 2.145 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 43 Resp: 12506
Ion Ratio Lower Upper
43 100
70 36.4 29.9 44.9
55 25.1 17.8 26.8
61 23.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 2.237 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

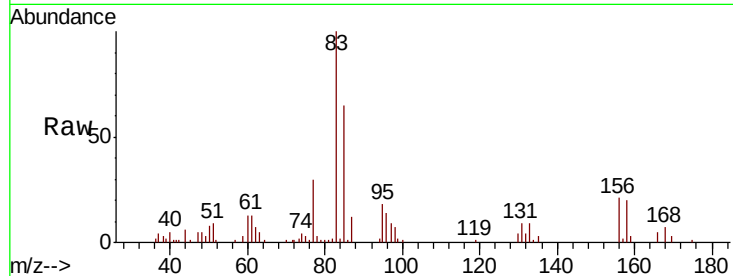
Tot Ion: 83 Resp: 8301

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

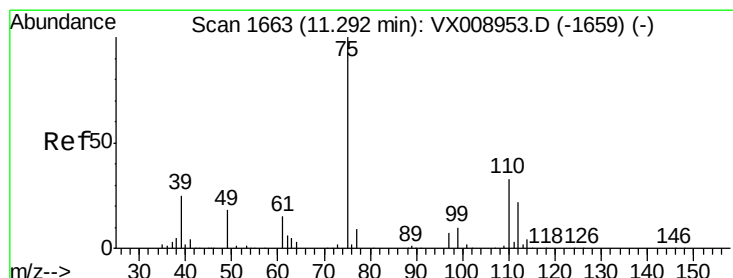
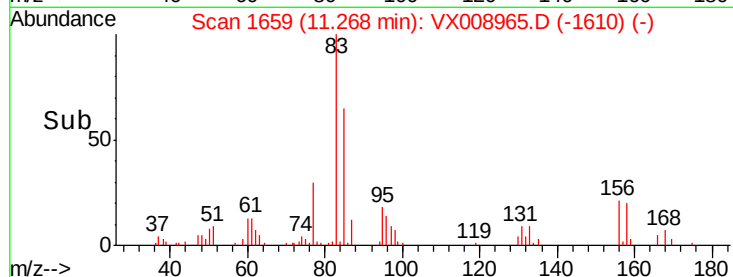
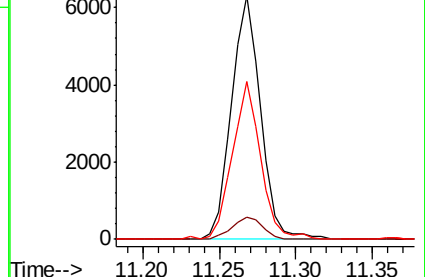
85 63.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.617 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008965.D

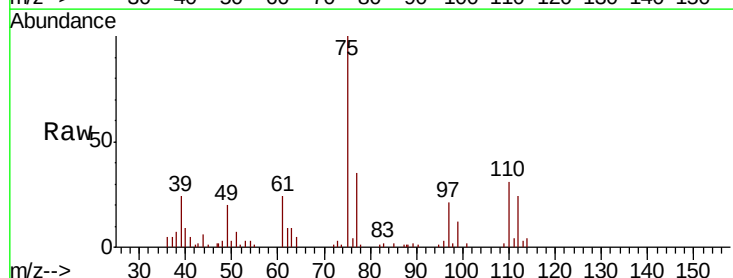
Acq: 15 Apr 2019 17:09

Tgt Ion: 75 Resp: 8560

Ion Ratio Lower Upper

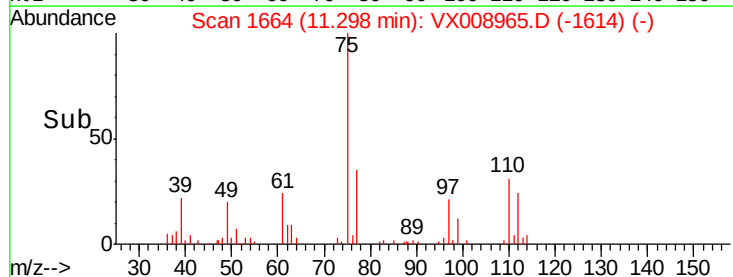
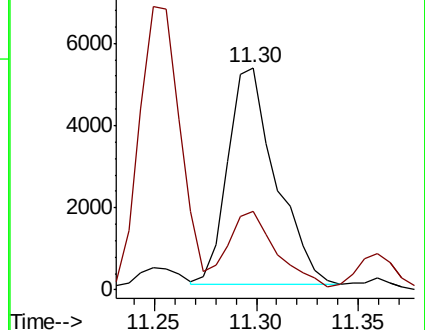
75 100

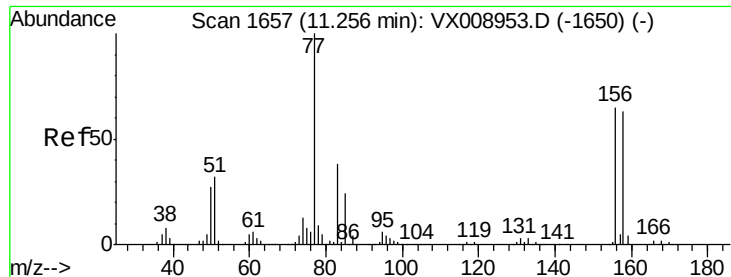
77 35.8 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.072 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

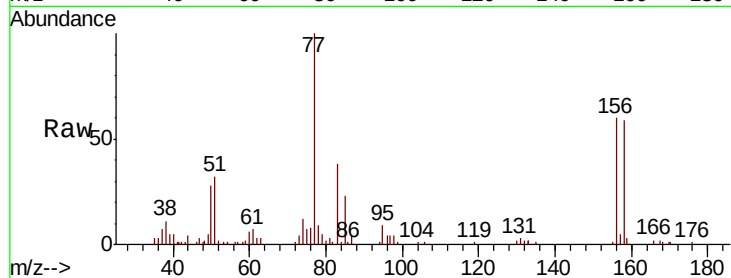
Tot Ion:156 Resp: 5307

Ion Ratio Lower Upper

156 100

77 186.0 85.4 256.1

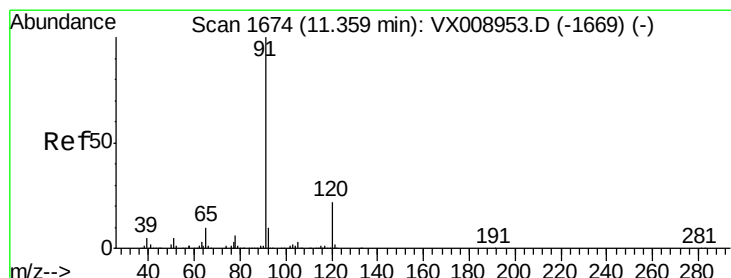
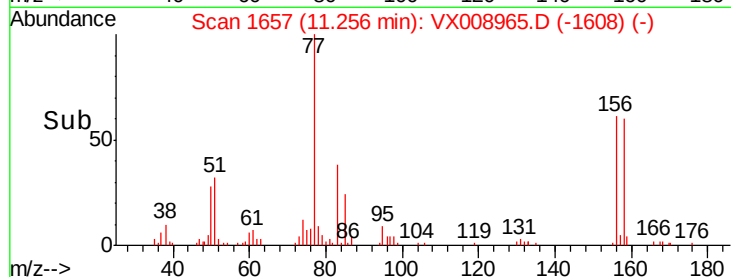
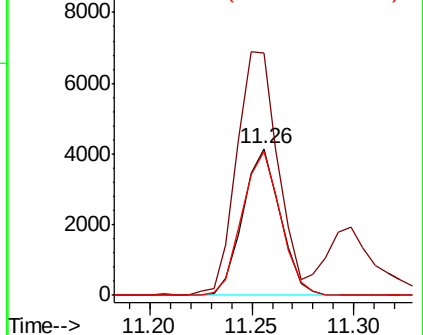
158 100.5 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.169 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008965.D

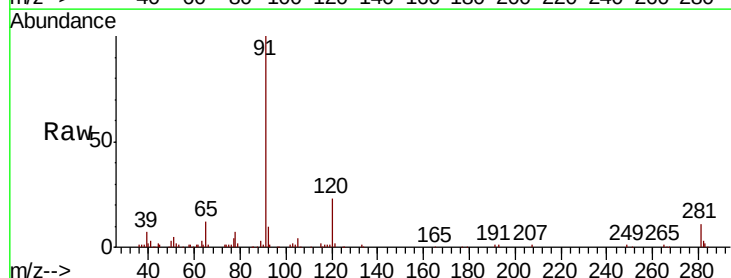
Acq: 15 Apr 2019 17:09

Tgt Ion: 91 Resp: 25274

Ion Ratio Lower Upper

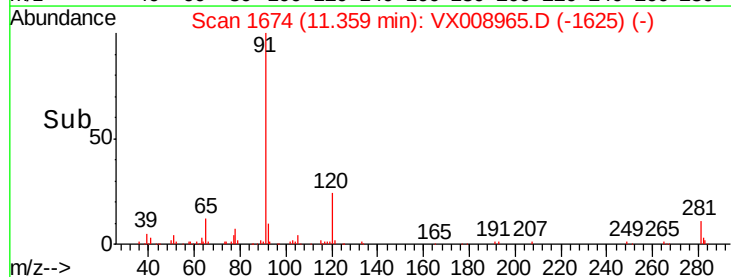
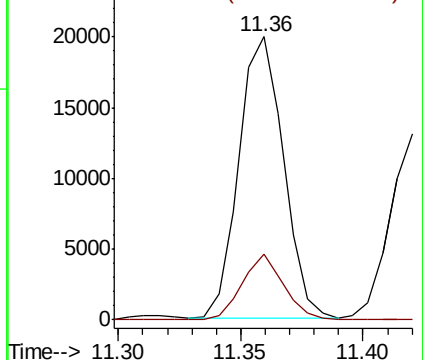
91 100

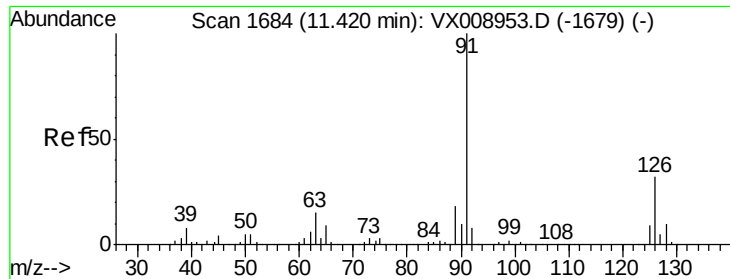
120 21.6 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

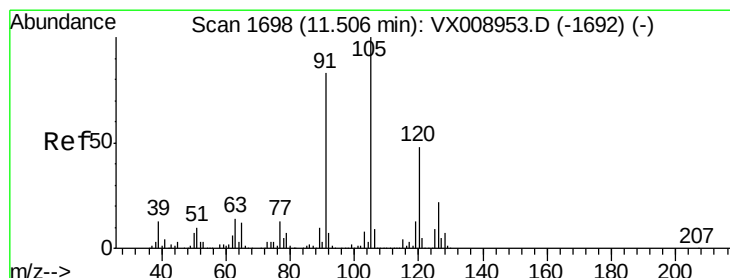
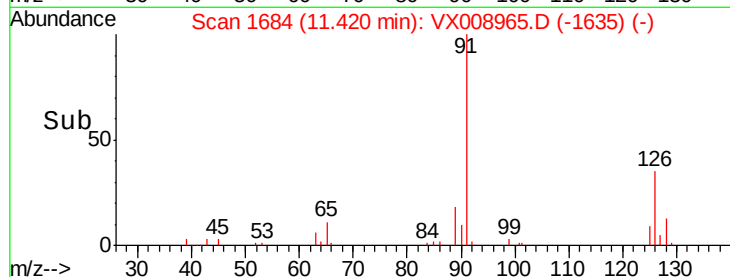
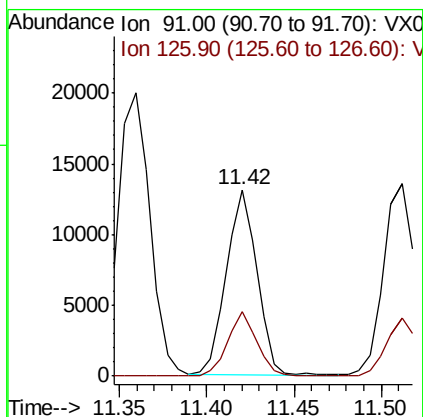
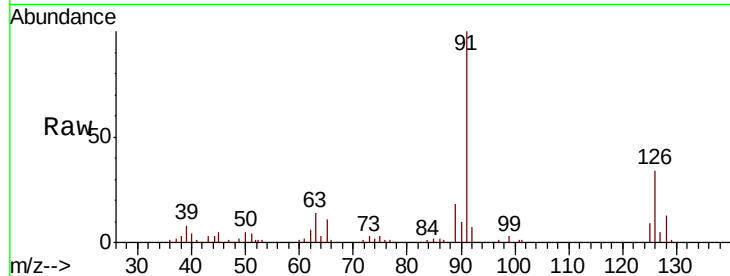




#79
 2-Chlorotoluene
 Concen: 2.292 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

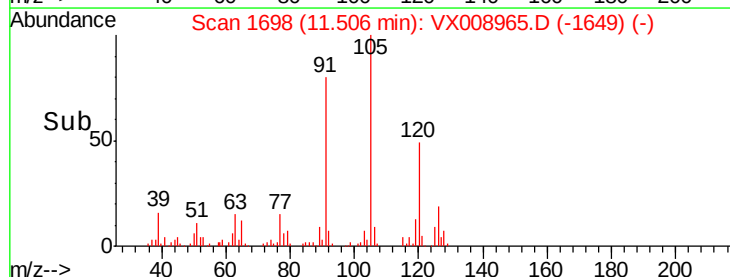
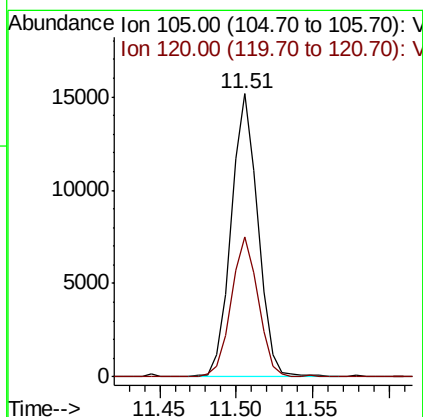
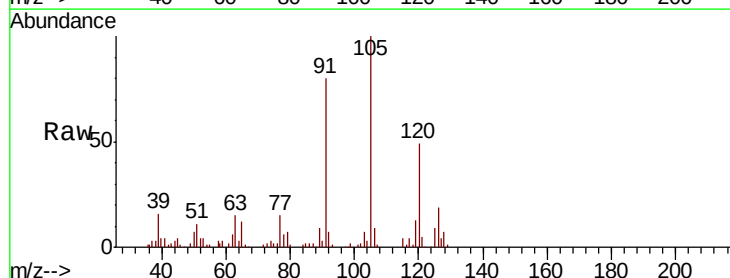
Instrument :
 MSVOA_X
 ClientSampleId :

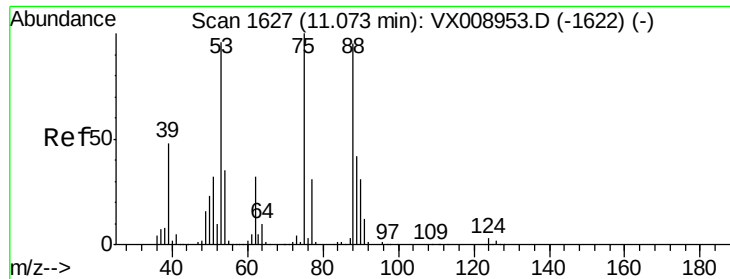
Tot Ion: 91 Resp: 16099
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 2.153 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion: 105 Resp: 18345
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.1 72.3

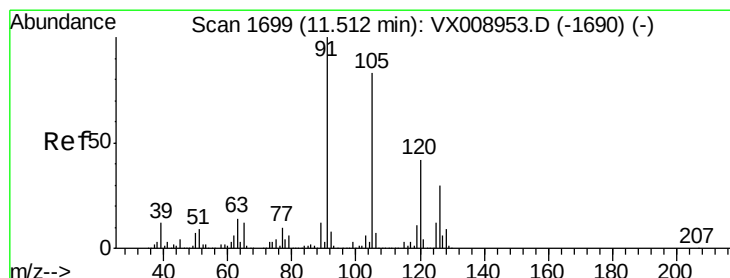
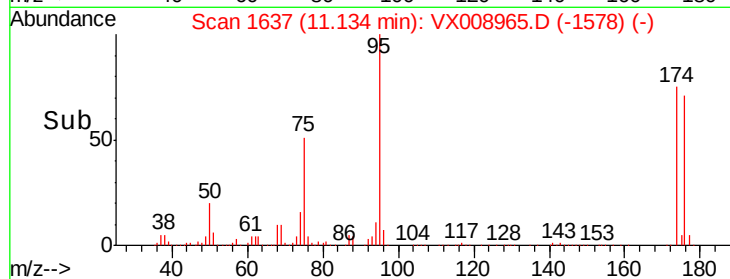
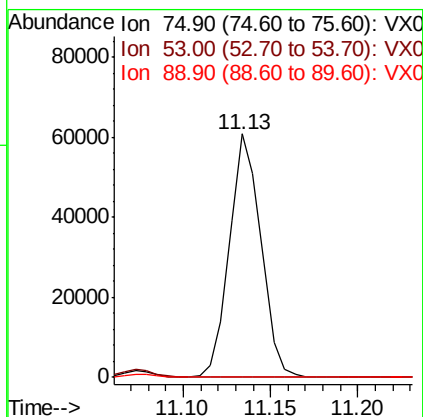
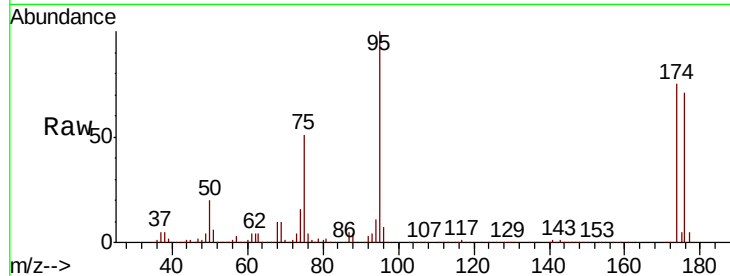




#81
trans-1,4-Dichloro-2-butene
Concen: 59.921 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

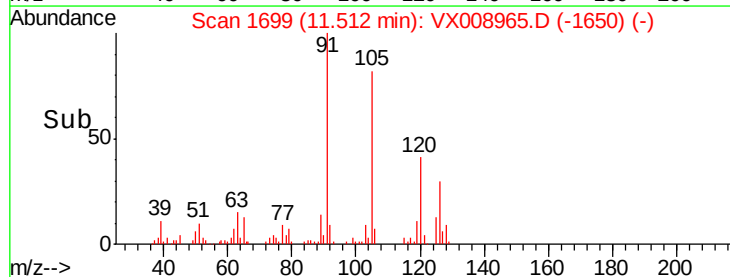
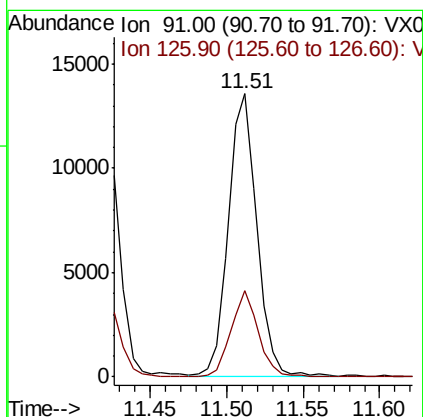
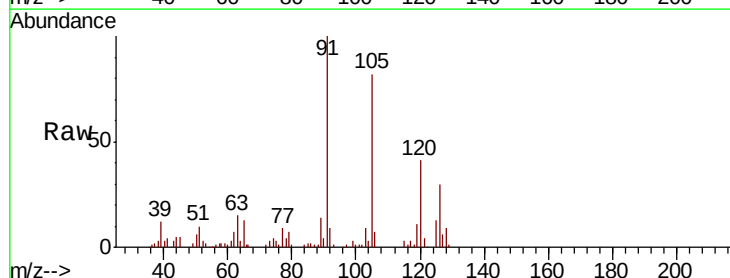
Instrument :
MSVOA_X
ClientSampleId :

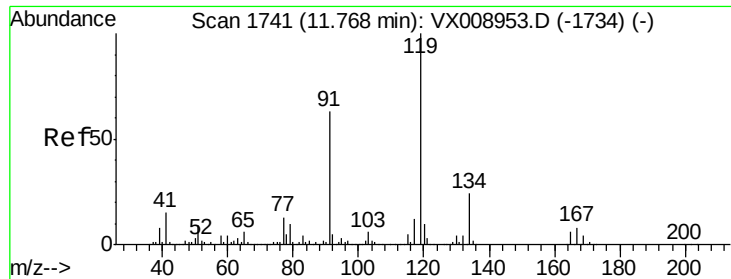
Tot Ion: 75 Resp: 76345
Ion Ratio Lower Upper
75 100
53 0.1 78.2 117.4#
89 0.0 36.0 54.0#



#82
4-Chlorotoluene
Concen: 2.155 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion: 91 Resp: 17574
Ion Ratio Lower Upper
91 100
126 28.9 14.3 42.9

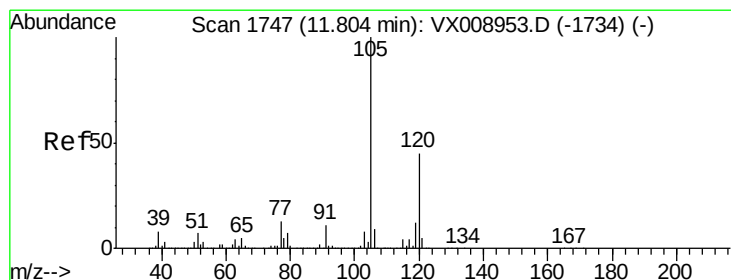
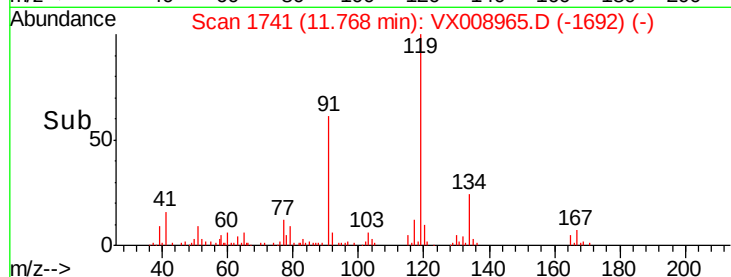
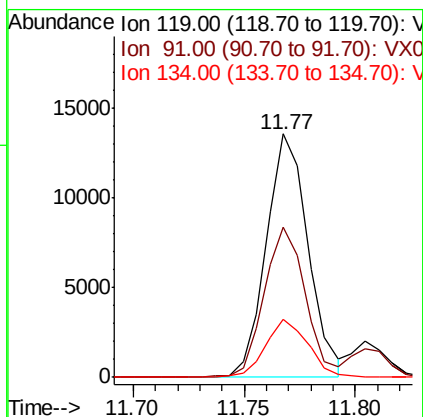
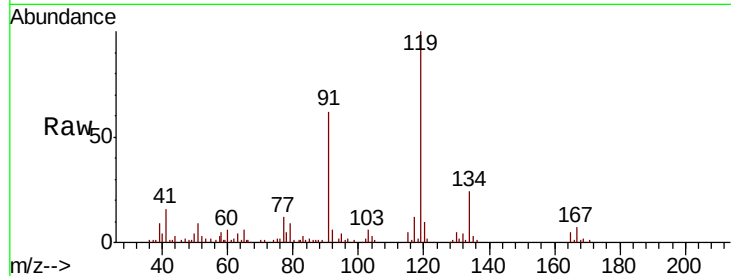




#83
 tert-Butylbenzene
 Concen: 2.164 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

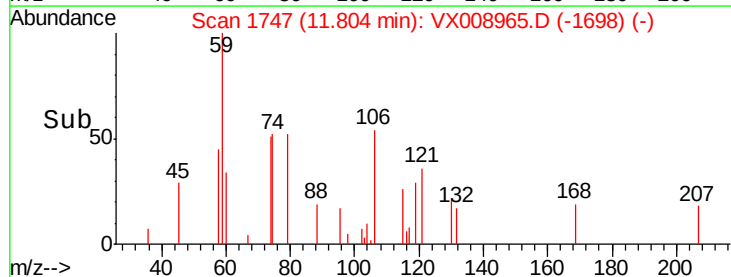
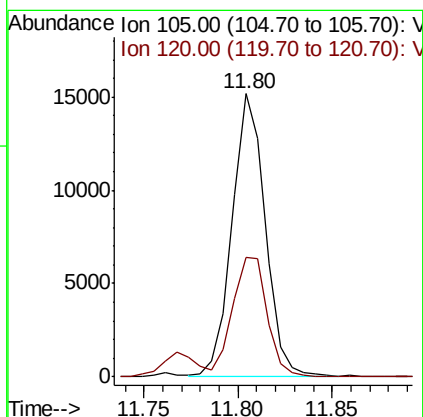
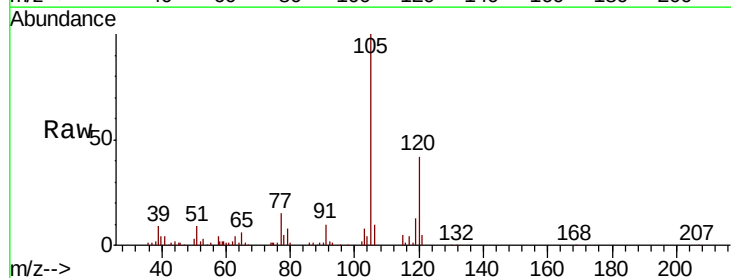
Instrument :
 MSVOA_X
 ClientSampled :

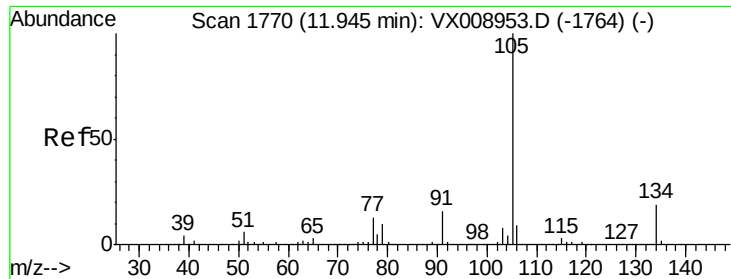
Tot Ion:119 Resp: 17699
 Ion Ratio Lower Upper
 119 100
 91 61.0 29.7 89.1
 134 24.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 2.142 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion:105 Resp: 18582
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.8





#85

sec-Butylbenzene

Concen: 2.193 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

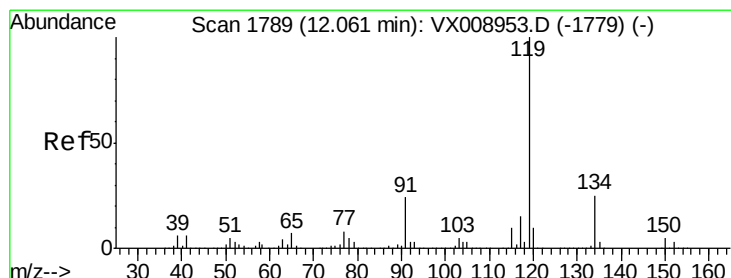
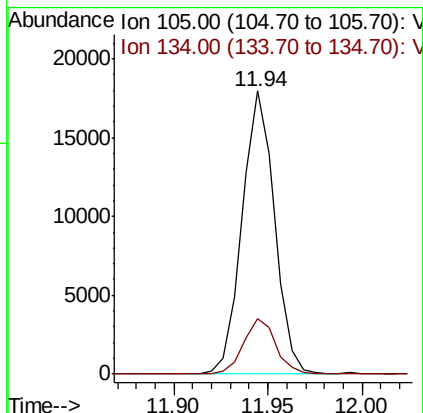
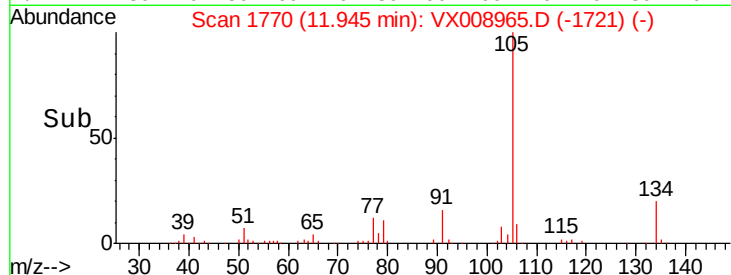
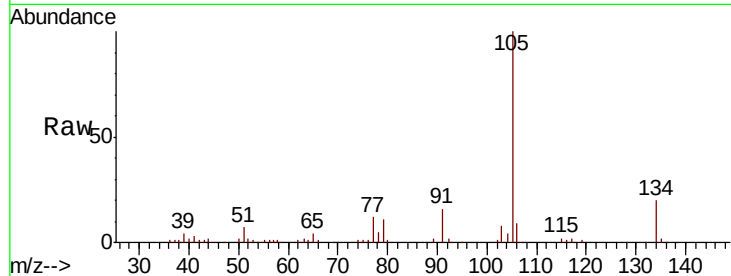
ClientSampleId :

Tot Ion:105 Resp: 21394

Ion Ratio Lower Upper

105 100

134 19.6 9.6 28.6



#86

p-Isopropyltoluene

Concen: 2.082 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

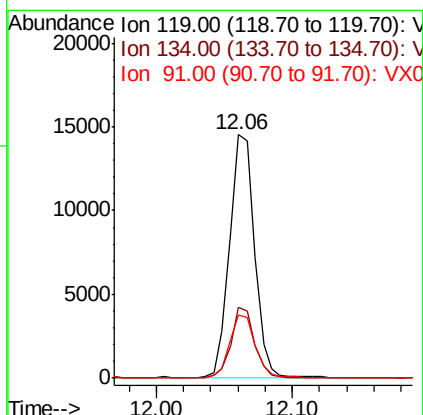
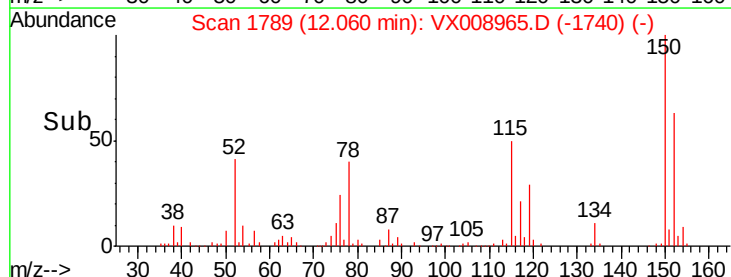
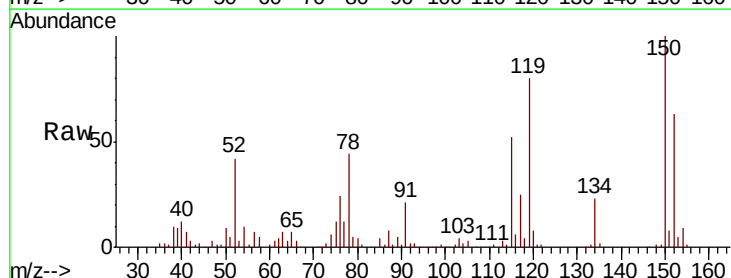
Tgt Ion:119 Resp: 18674

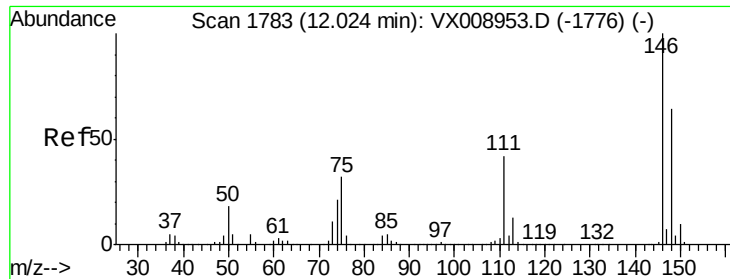
Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

91 26.5 11.9 35.5

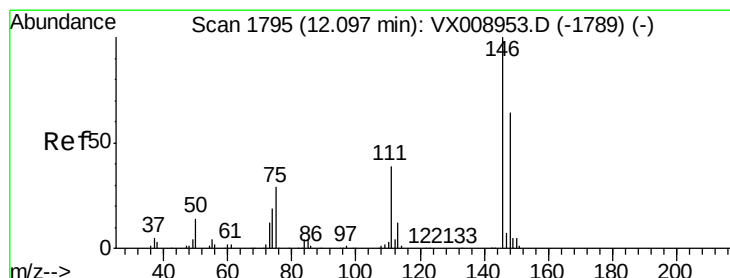
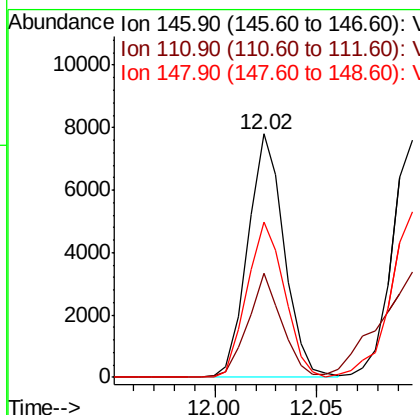
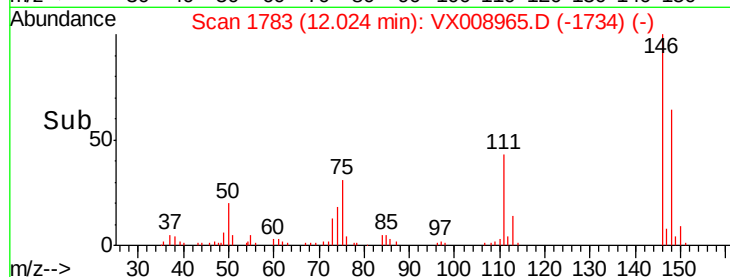
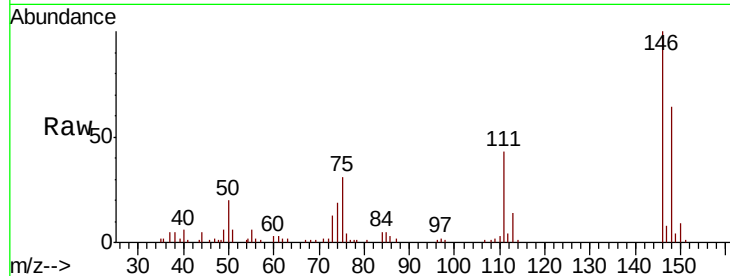




#87
 1,3-Dichlorobenzene
 Concen: 2.155 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

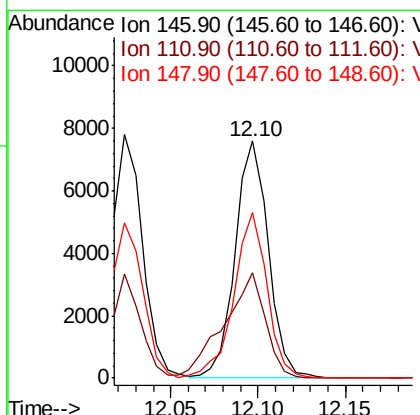
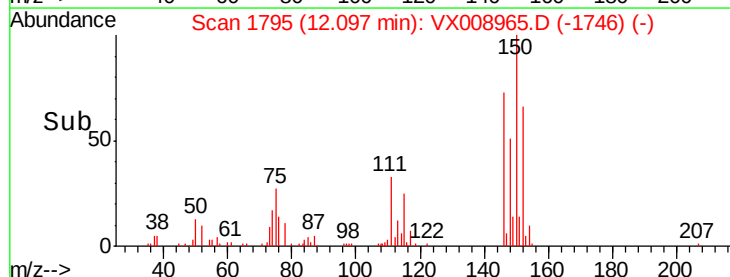
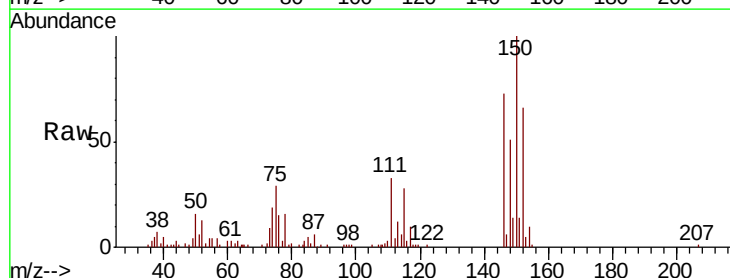
Instrument :
 MSVOA_X
 ClientSampled :

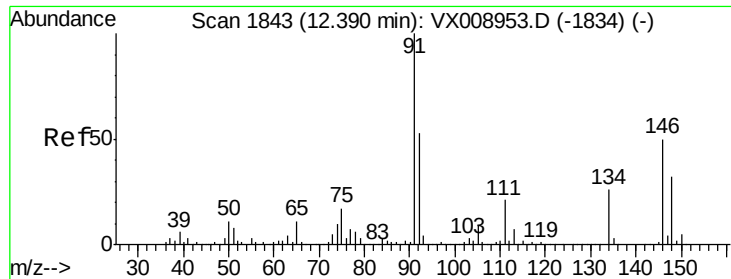
Tot Ion:146 Resp: 9662
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.6
 148 65.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 2.208 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion:146 Resp: 10034
 Ion Ratio Lower Upper
 146 100
 111 55.2 20.0 59.9
 148 69.7 32.2 96.6





#89

n-Butylbenzene

Concen: 2.029 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008965.D

Acq: 15 Apr 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

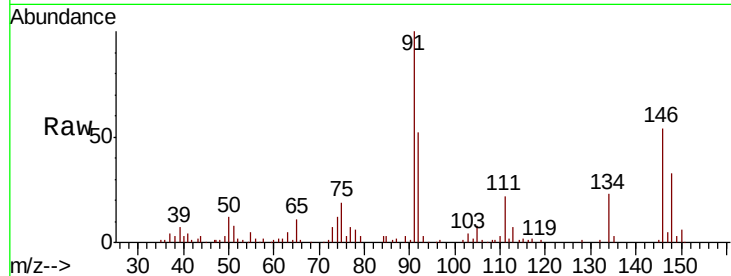
Tot Ion: 91 Resp: 16946

Ion Ratio Lower Upper

91 100

92 51.2 26.6 79.8

134 23.0 12.4 37.2

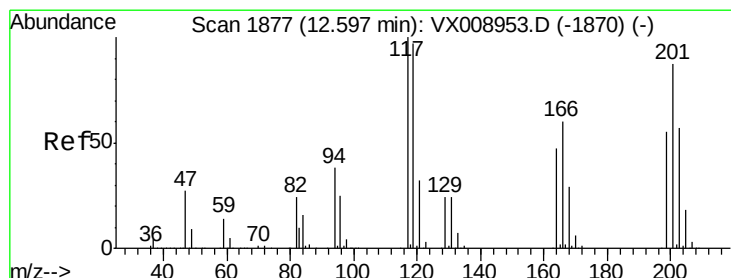
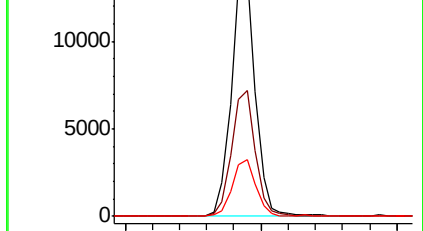
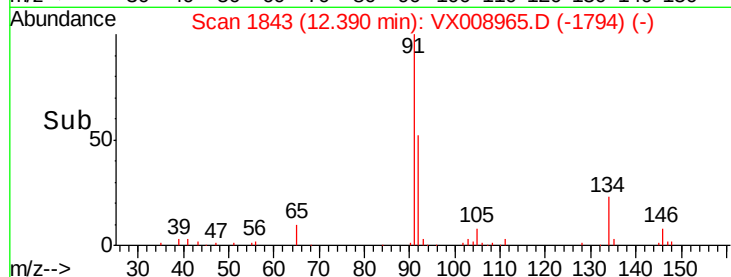


Abundance Ion 91.00 (90.70 to 91.70): VX008965.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX008965.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX008965.D (-1794) (-)

Time-->



#90

Hexachloroethane

Concen: 1.924 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008965.D

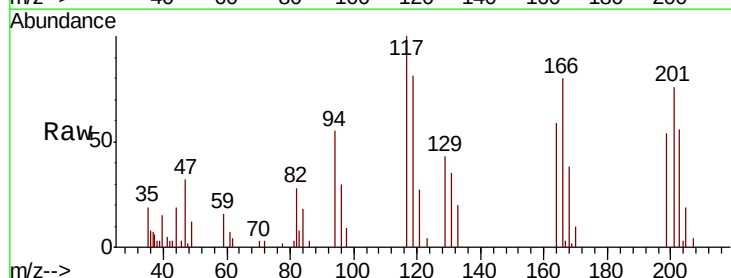
Acq: 15 Apr 2019 17:09

Tgt Ion: 117 Resp: 2847

Ion Ratio Lower Upper

117 100

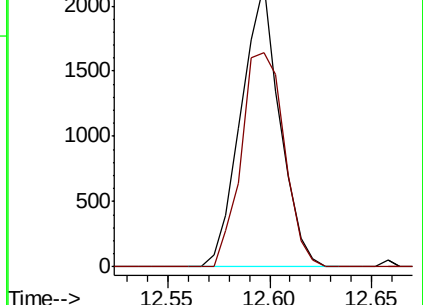
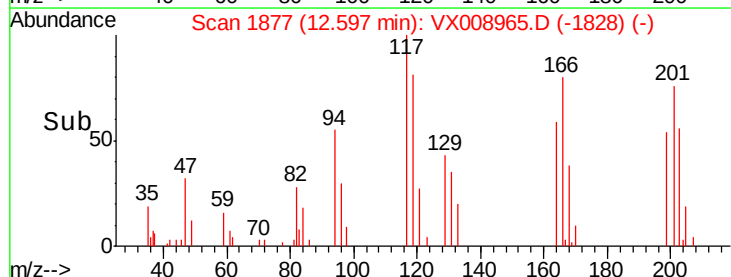
201 84.8 43.0 129.0

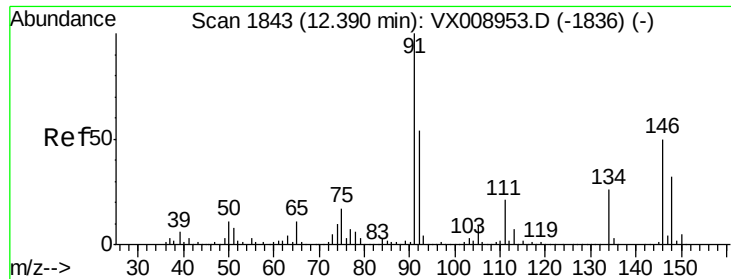


Abundance Ion 116.80 (116.50 to 117.50): VX008965.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008965.D (-1828) (-)

Time-->

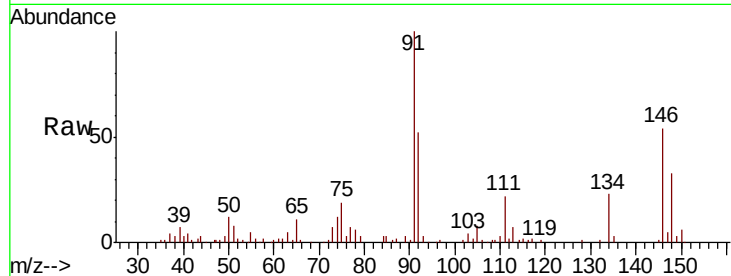




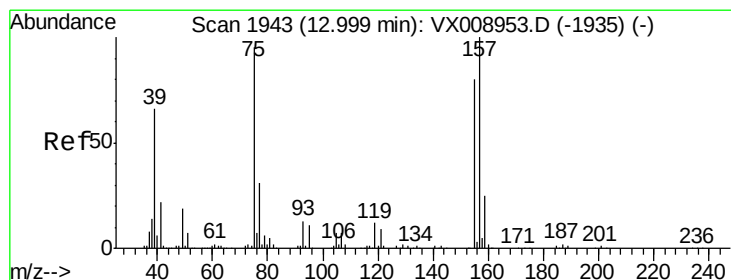
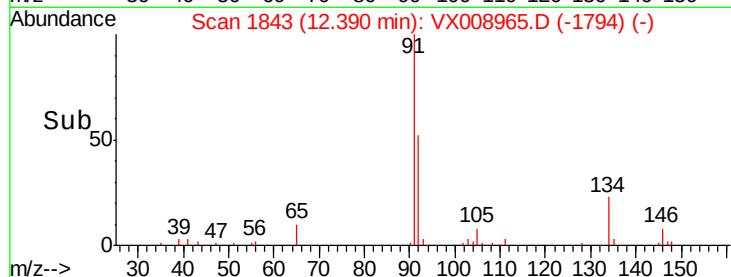
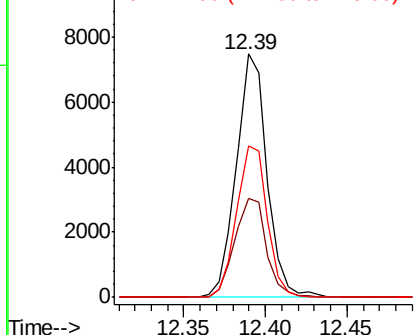
#91
 1,2-Dichlorobenzene
 Concen: 2.217 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 9814
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.6 61.9
 148 61.7 32.0 96.2

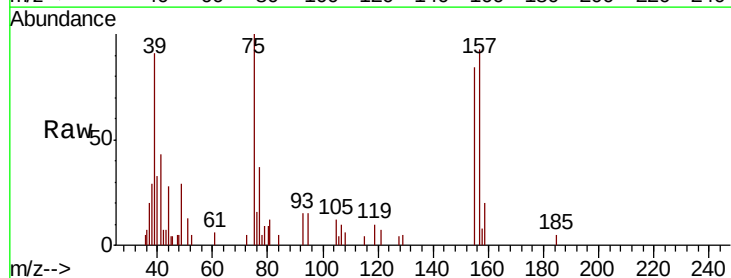


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

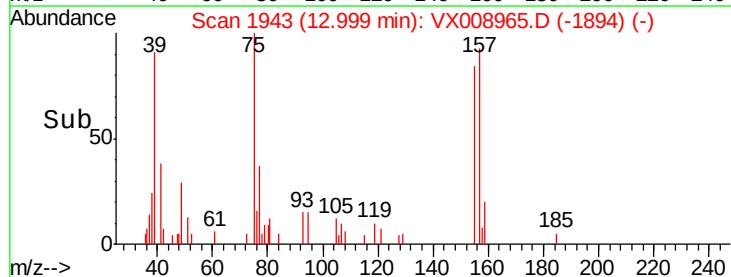
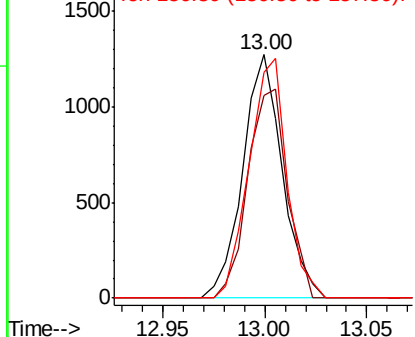


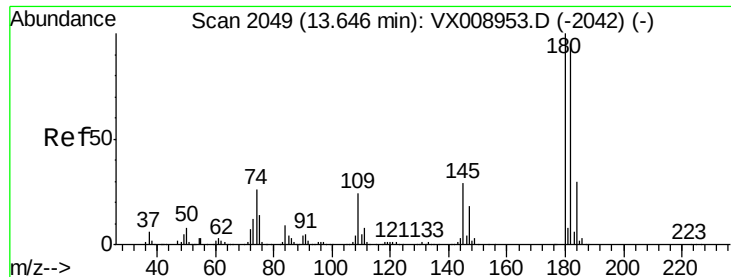
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.034 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion: 75 Resp: 1718
 Ion Ratio Lower Upper
 75 100
 155 85.6 41.2 123.6
 157 94.1 52.5 157.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

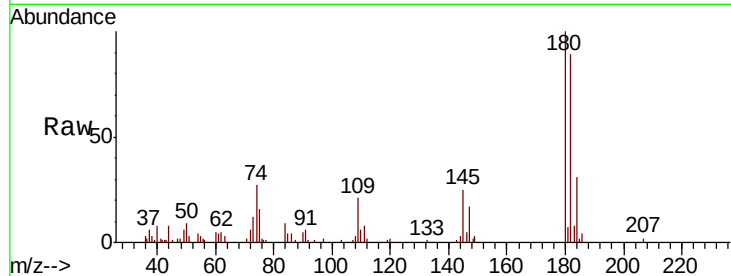




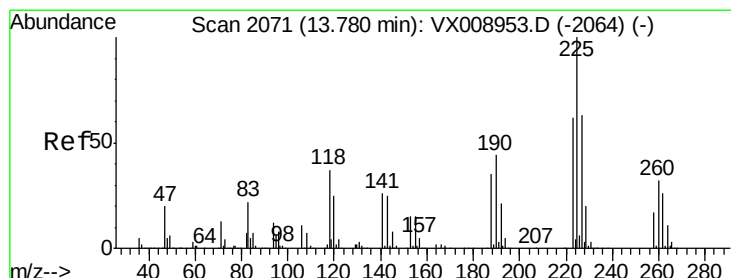
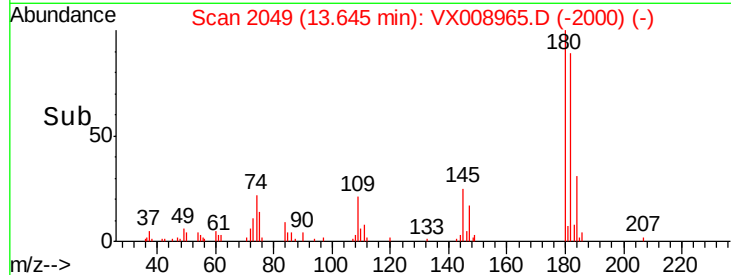
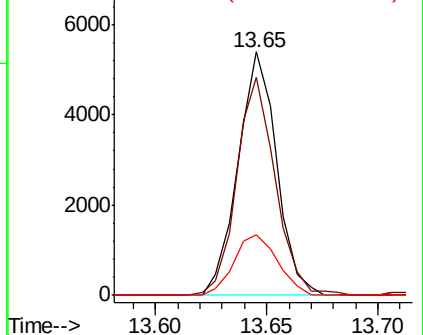
#93
 1,2,4-Trichlorobenzene
 Concen: 2.040 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 6519
 Ion Ratio Lower Upper
 180 100
 182 89.3 47.6 142.9
 145 28.1 14.8 44.4

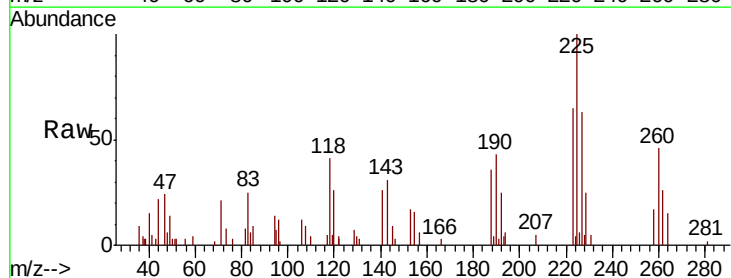


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

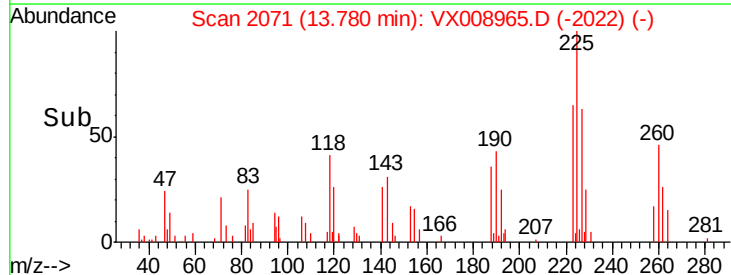
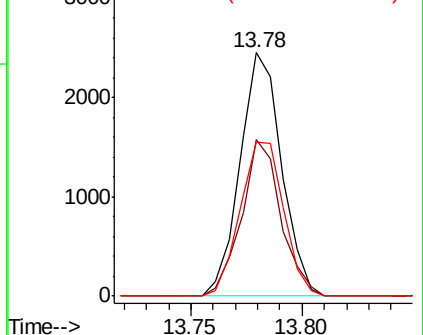


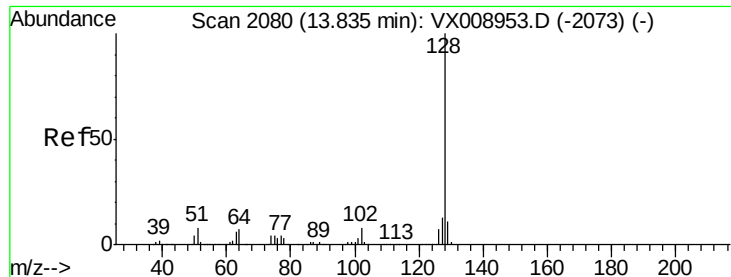
#94
 Hexachlorobutadiene
 Concen: 1.996 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008965.D
 Acq: 15 Apr 2019 17:09

Tgt Ion:225 Resp: 3182
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.1 93.2
 227 66.4 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

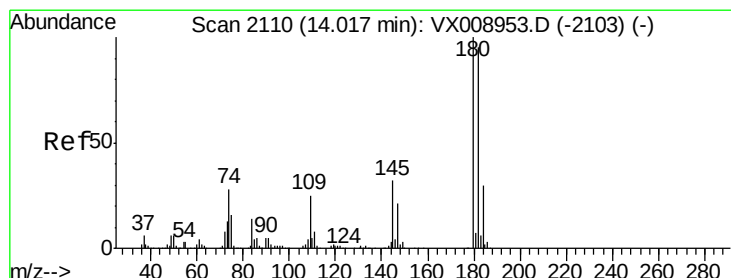
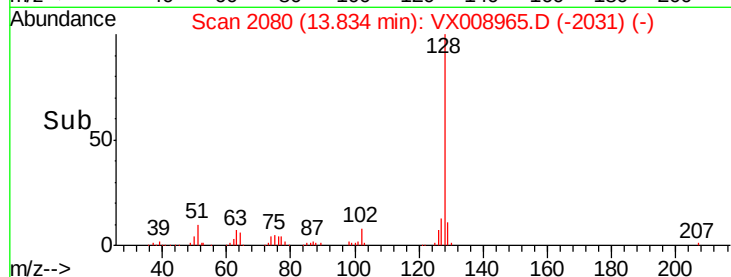
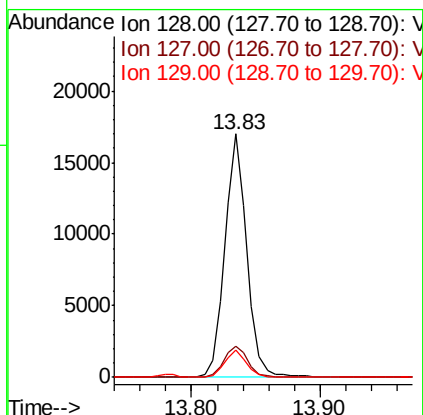
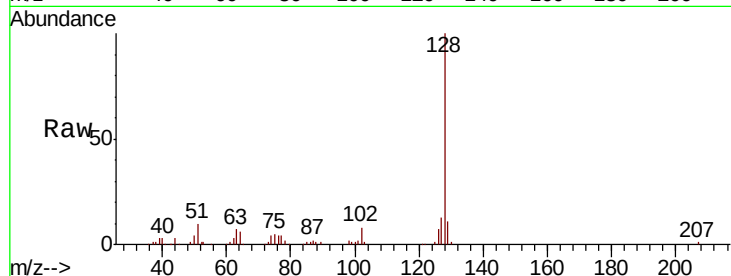




#95
Naphthalene
Concen: 1.984 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 20316
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.060 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008965.D
Acq: 15 Apr 2019 17:09

Tgt Ion:180 Resp: 6495
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 32.2 15.8 47.3

