

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008560.D
 Acq On : 01 Apr 2019 11:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 01:09:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	187746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132870	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	135092	47.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	101444	50.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.90%	
50) Toluene-d8	8.71	98	407843	50.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	155179	52.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	103508	46.772	ug/l	100
3) Chloromethane	1.32	50	134051	47.974	ug/l	99
4) Vinyl Chloride	1.40	62	140218	45.379	ug/l	99
5) Bromomethane	1.64	94	66458	41.305	ug/l	99
6) Chloroethane	1.71	64	84828	46.342	ug/l	100
7) Trichlorofluoromethane	1.92	101	165412	47.267	ug/l	99
8) Diethyl Ether	2.18	74	77376	46.720	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105827	50.038	ug/l	98
10) Methyl Iodide	2.51	142	82919	41.096	ug/l	98
11) Tert butyl alcohol	3.05	59	159343	252.679	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102424	46.893	ug/l	99
13) Acrolein	2.29	56	118476	258.711	ug/l	100
14) Allyl chloride	2.72	41	249350	51.818	ug/l	98
15) Acrylonitrile	3.14	53	420110	254.061	ug/l	100
16) Acetone	2.44	43	388705	261.293	ug/l	100
17) Carbon Disulfide	2.56	76	305112	48.677	ug/l	99
18) Methyl Acetate	2.77	43	185616	51.952	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	415617	52.804	ug/l	99
20) Methylene Chloride	2.85	84	129103	53.216	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	115503	53.086	ug/l	98
22) Diisopropyl ether	3.85	45	491758	51.900	ug/l	92
23) Vinyl Acetate	3.81	43	2175453	263.164	ug/l	100
24) 1,1-Dichloroethane	3.69	63	245447	51.311	ug/l	99
25) 2-Butanone	4.67	43	624985	262.057	ug/l	99
26) 2,2-Dichloropropane	4.57	77	183951	57.816	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137169	51.357	ug/l	98
28) Bromochloromethane	5.01	49	112487	47.597	ug/l	100
29) Tetrahydrofuran	5.12	42	395737	251.767	ug/l	99
30) Chloroform	5.20	83	221254	51.252	ug/l	99
31) Cyclohexane	5.57	56	233386	51.156	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182280	52.824	ug/l	99
36) 1,1-Dichloropropene	5.79	75	172881	52.576	ug/l	100
37) Ethyl Acetate	4.83	43	230562	54.125	ug/l	100
38) Carbon Tetrachloride	5.77	117	152023	55.399	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219843	55.944	ug/l	99
40) Benzene	6.13	78	522767	53.104	ug/l	100
41) Methacrylonitrile	5.04	41	132622	55.400	ug/l	99
42) 1,2-Dichloroethane	6.18	62	187288	51.963	ug/l	100
43) Isopropyl Acetate	6.44	43	376470	55.252	ug/l	100
44) Trichloroethene	7.21	130	123641	53.492	ug/l	99
45) 1,2-Dichloropropane	7.51	63	150953	53.949	ug/l	99
46) Dibromomethane	7.65	93	86443	52.904	ug/l	99
47) Bromodichloromethane	7.89	83	176590	56.464	ug/l	97
48) Methyl methacrylate	7.77	41	190736	55.946	ug/l	99
49) 1,4-Dioxane	7.74	88	62987	929.174	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1223964	276.569	ug/l	100
52) Toluene	8.78	92	321771	54.666	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	205273	59.924	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	224614	57.663	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	129967	54.242	ug/l	99
56) Ethyl methacrylate	9.18	69	245556	56.775	ug/l	99
57) 1,3-Dichloropropane	9.37	76	231510	53.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	789734	353.238	ug/l	99
59) 2-Hexanone	9.49	43	935044	272.676	ug/l	100
60) Dibromochloromethane	9.58	129	131529	57.722	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133973	54.790	ug/l	99
64) Tetrachloroethene	9.34	164	106744	56.220	ug/l	98
65) Chlorobenzene	10.13	112	332630	54.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	119094	56.597	ug/l	100
67) Ethyl Benzene	10.25	91	626266	54.407	ug/l	99
68) m/p-Xylenes	10.36	106	455834	108.855	ug/l	99
69) o-Xylene	10.69	106	222208	54.681	ug/l	99
70) Styrene	10.71	104	390908	55.689	ug/l	100
71) Bromoform	10.85	173	96764	58.229	ug/l	100
73) Isopropylbenzene	11.02	105	597368	55.263	ug/l	100
74) N-amyl acetate	10.90	43	337794	53.989	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	213795	50.975	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	256138	64.843	ug/l	81
77) Bromobenzene	11.26	156	140531	53.566	ug/l	99
78) n-propylbenzene	11.36	91	708556	55.956	ug/l	99
79) 2-Chlorotoluene	11.42	91	416549	54.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	504778	55.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75516	61.230	ug/l	96
82) 4-Chlorotoluene	11.51	91	483313	54.401	ug/l	100
83) tert-Butylbenzene	11.77	119	483828	54.874	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	508667	55.031	ug/l	100
85) sec-Butylbenzene	11.94	105	591692	56.352	ug/l	99
86) p-Isopropyltoluene	12.06	119	533755	57.610	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	256965	54.820	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	254486	53.795	ug/l	100
89) n-Butylbenzene	12.38	91	516720	58.874	ug/l	99
90) Hexachloroethane	12.60	117	90864	58.869	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	249967	53.252	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47069	51.470	ug/l	99

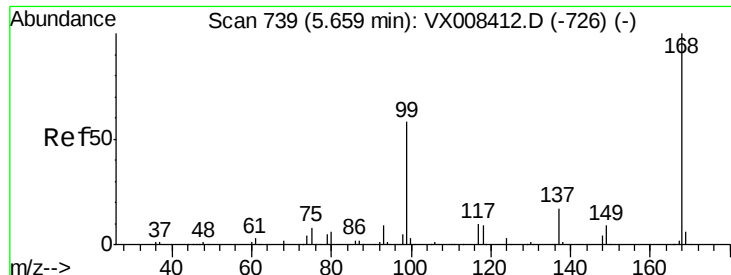
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
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Acq On : 01 Apr 2019 11:09
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	182232	57.662	ug/l	100
94) Hexachlorobutadiene	13.78	225	89518	59.654	ug/l	99
95) Naphthalene	13.83	128	583422	53.846	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178054	56.068	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

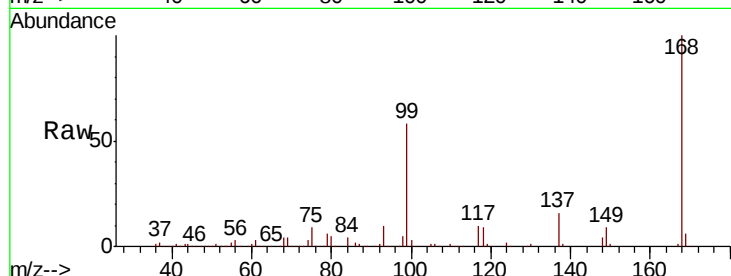
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 187746

Ion Ratio Lower Upper

168 100

99 57.9 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

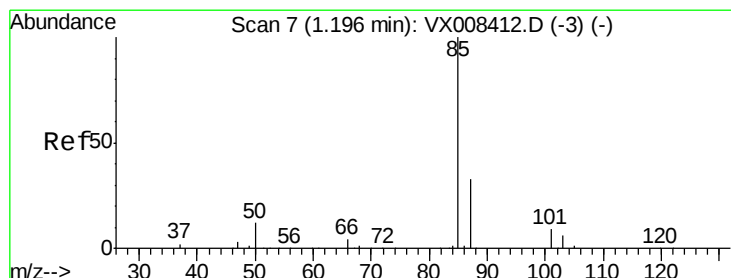
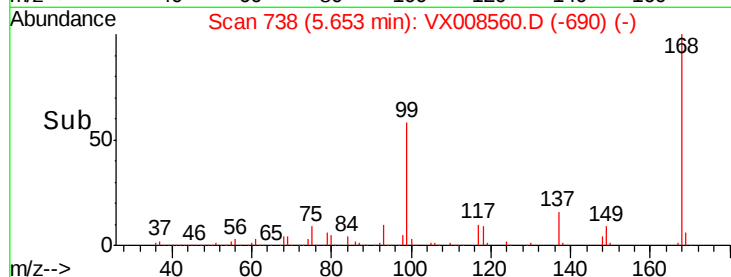
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.772 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008560.D

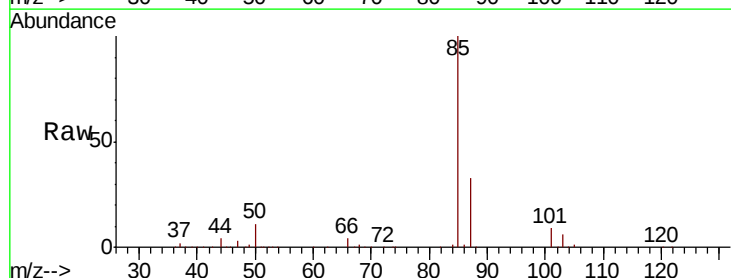
Acq: 01 Apr 2019 11:09

Tgt Ion: 85 Resp: 103508

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

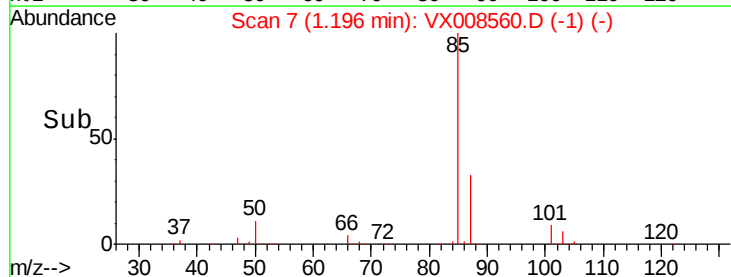
60000

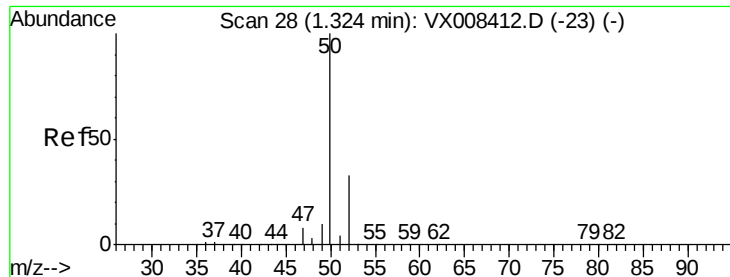
40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 47.974 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

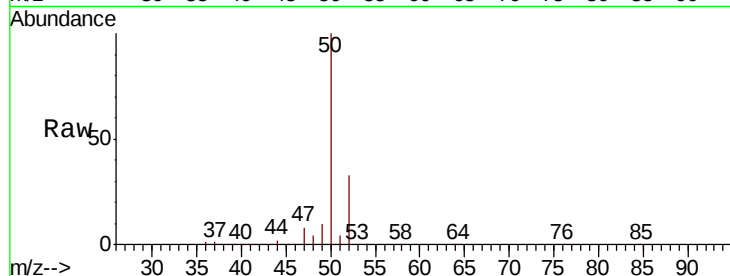
ClientSampleId :

Tot Ion: 50 Resp: 134051

Ion Ratio Lower Upper

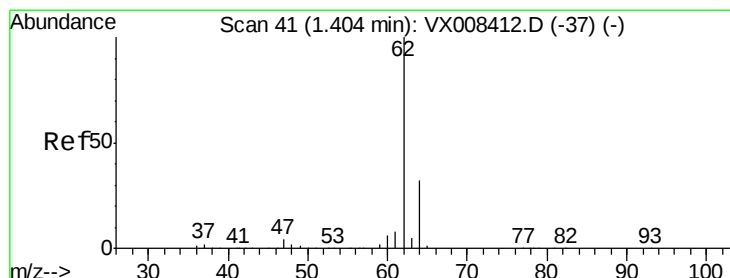
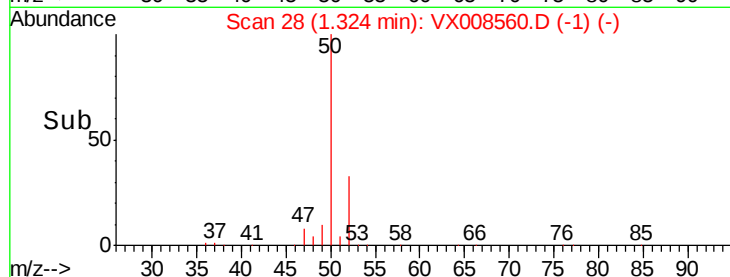
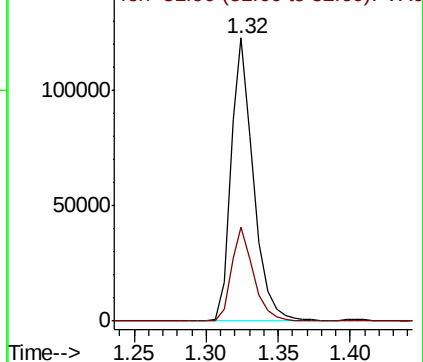
50 100

52 33.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.379 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008560.D

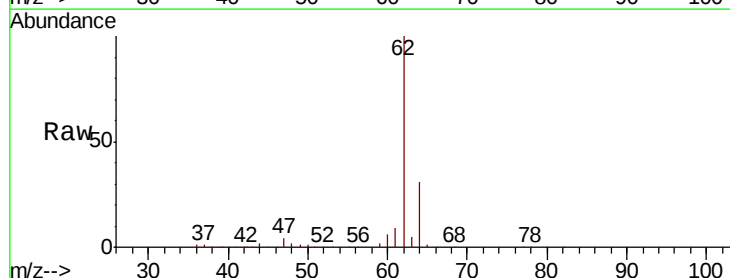
Acq: 01 Apr 2019 11:09

Tgt Ion: 62 Resp: 140218

Ion Ratio Lower Upper

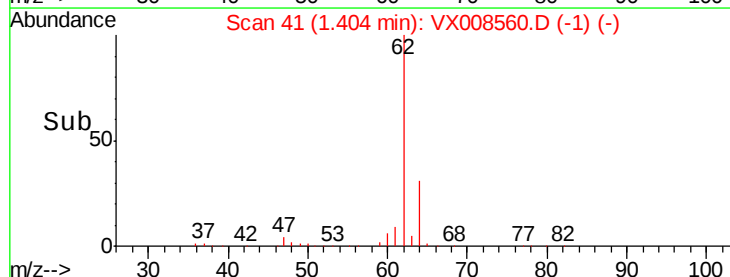
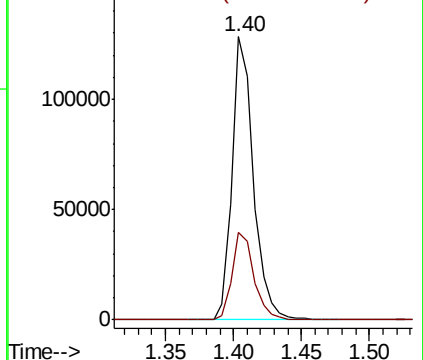
62 100

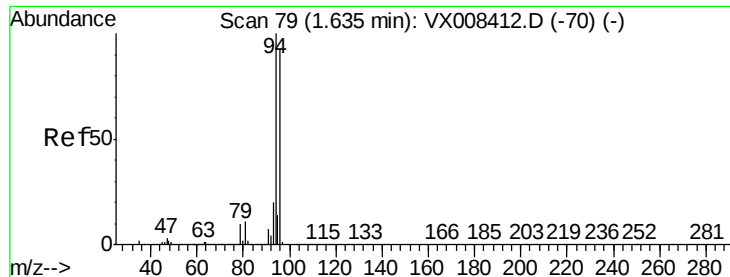
64 31.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.305 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

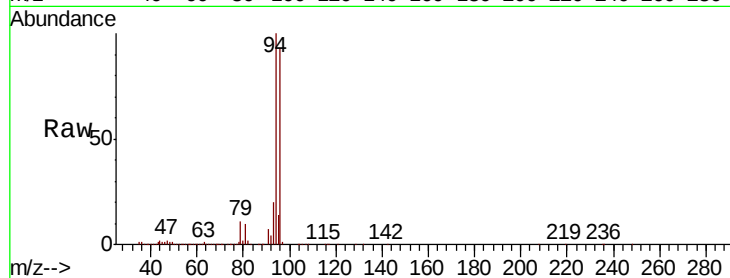
ClientSampleId :

Tot Ion: 94 Resp: 66458

Ion Ratio Lower Upper

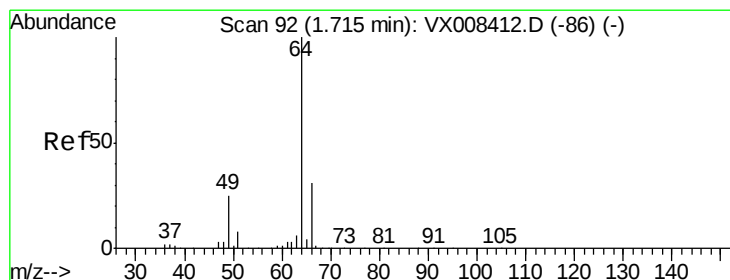
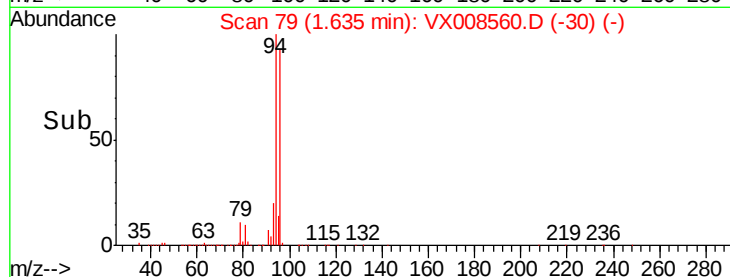
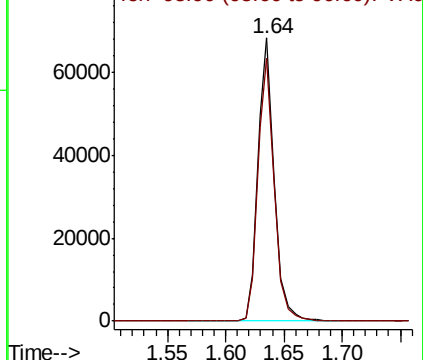
94 100

96 92.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.342 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008560.D

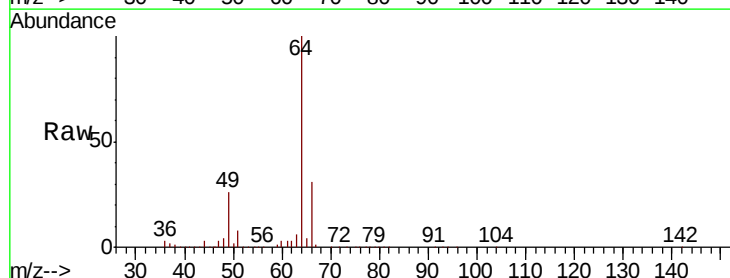
Acq: 01 Apr 2019 11:09

Tgt Ion: 64 Resp: 84828

Ion Ratio Lower Upper

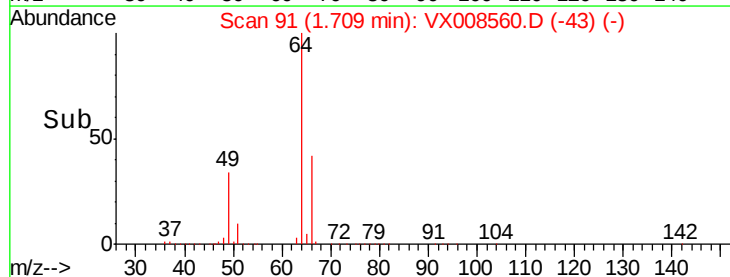
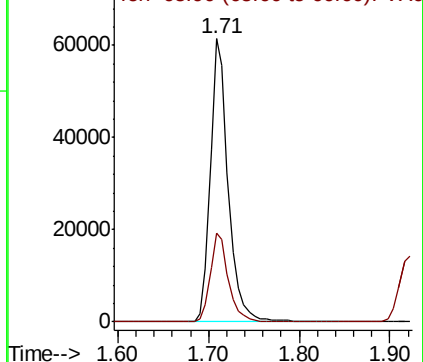
64 100

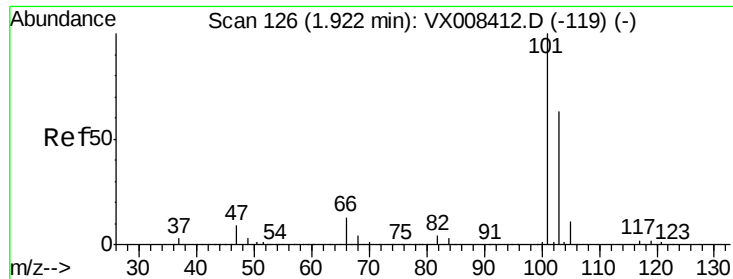
66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



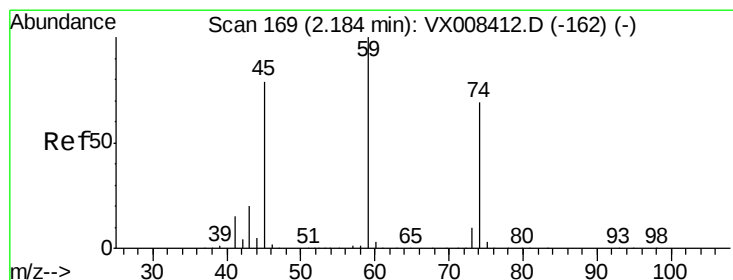
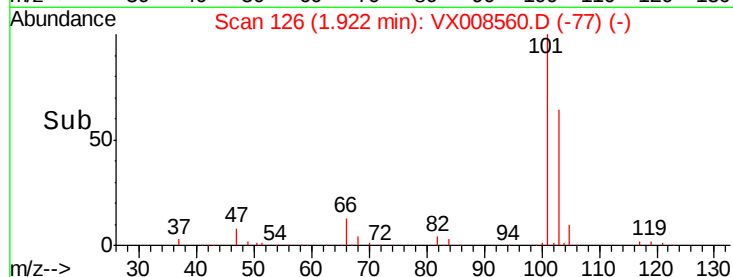
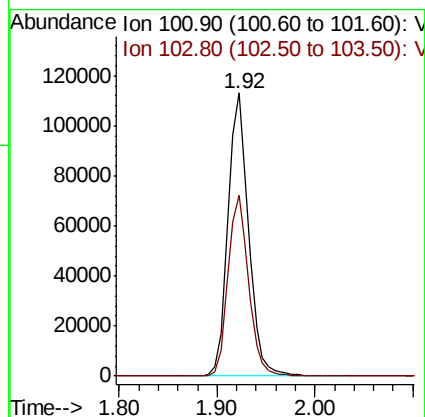
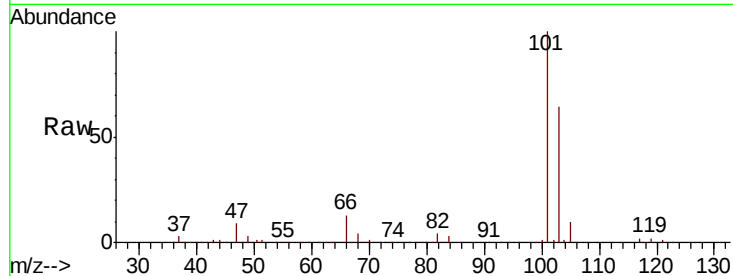


#7

Trichlorofluoromethane
Concen: 47.267 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :

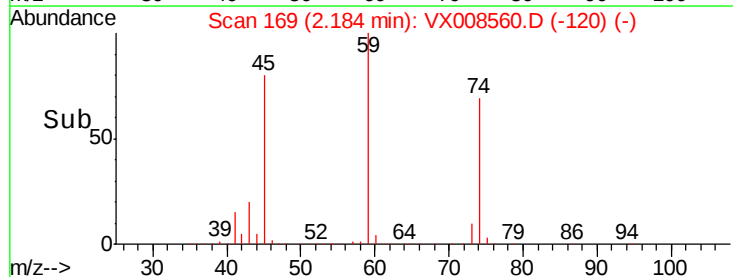
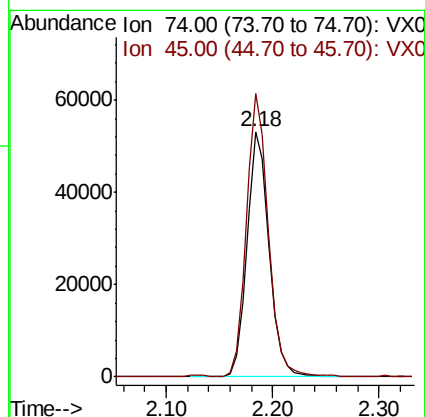
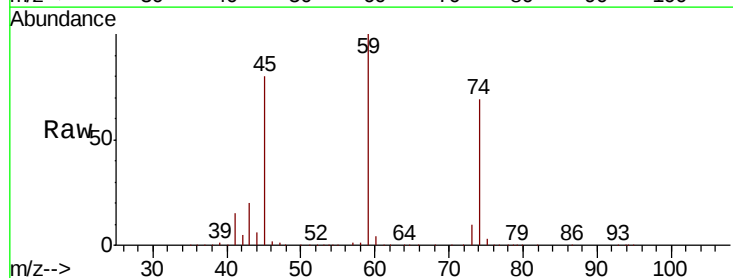
Tot Ion:101 Resp: 165412
Ion Ratio Lower Upper
101 100
103 63.9 50.2 75.4

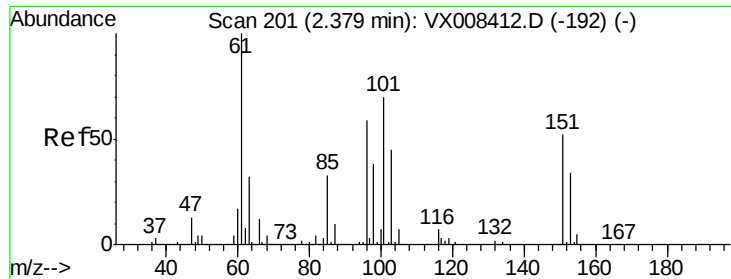


#8

Diethyl Ether
Concen: 46.720 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 74 Resp: 77376
Ion Ratio Lower Upper
74 100
45 114.3 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.038 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

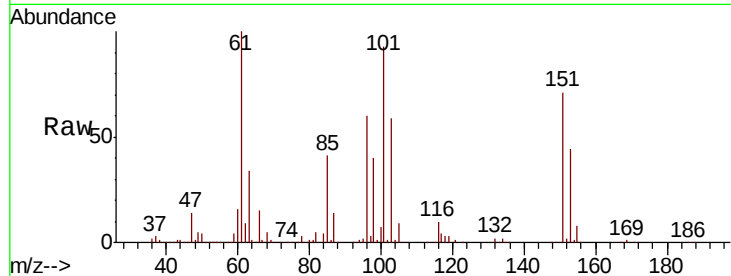
Tot Ion:101 Resp: 105827

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

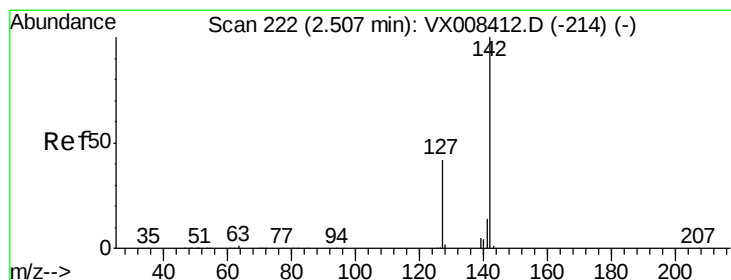
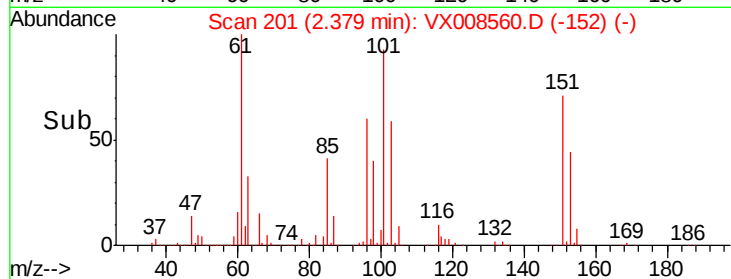
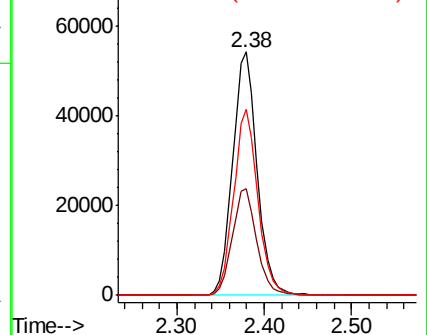
151 75.7 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.096 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

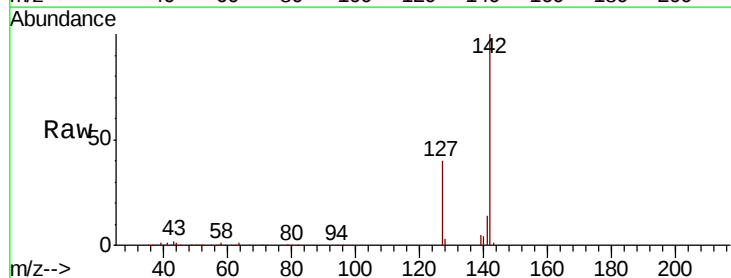
Tgt Ion:142 Resp: 82919

Ion Ratio Lower Upper

142 100

127 40.5 33.6 50.4

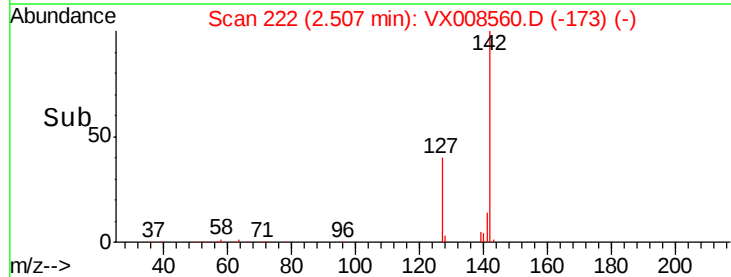
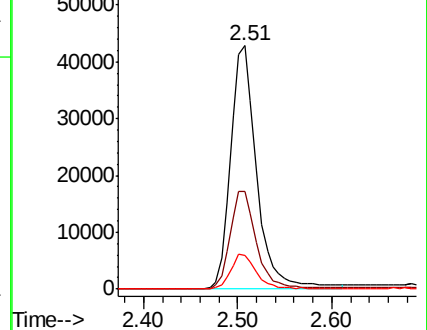
141 14.2 11.3 16.9

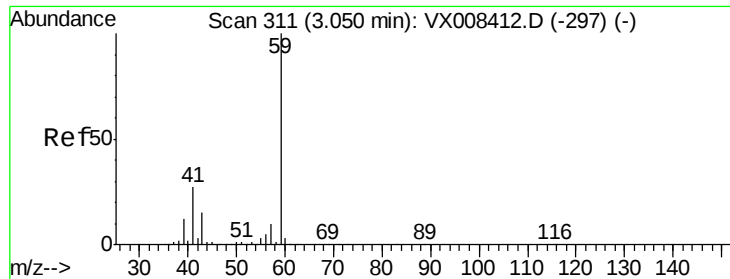


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

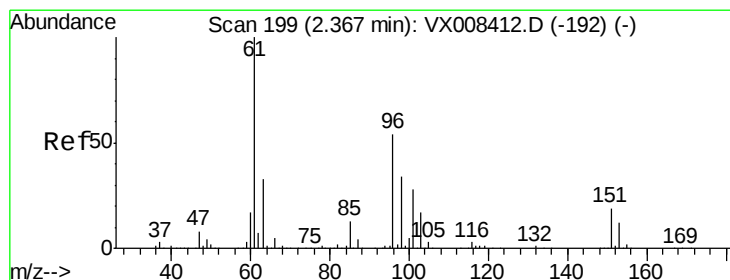
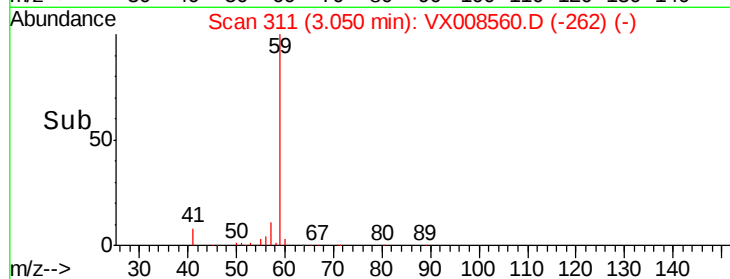
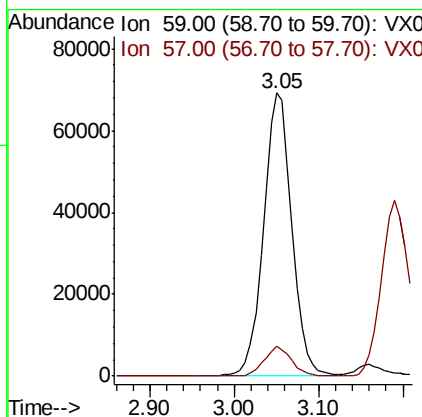
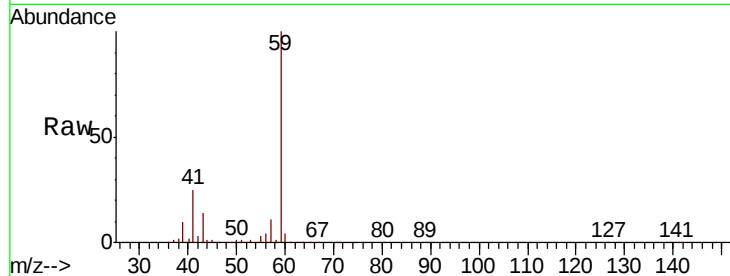




#11
Tert butyl alcohol
Concen: 252.679 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

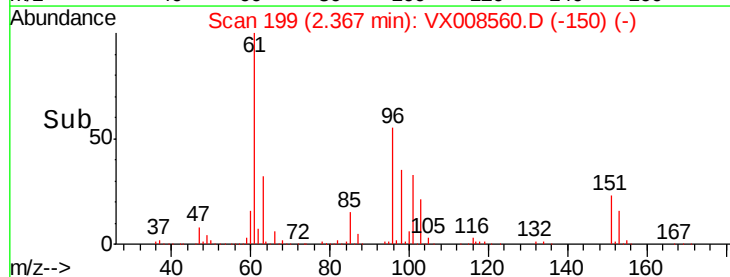
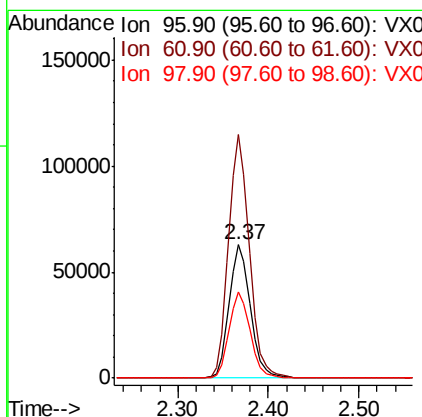
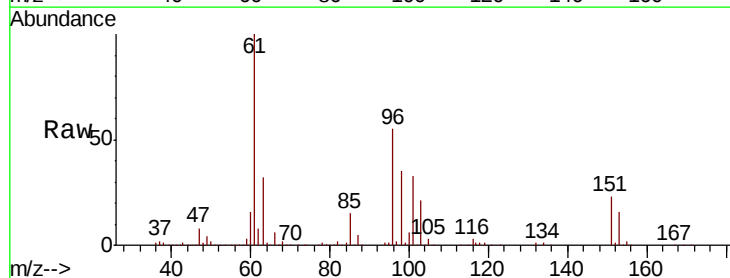
Instrument :
MSVOA_X
ClientSampleId :

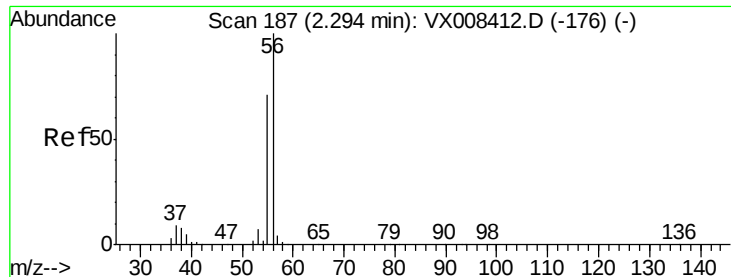
Tot Ion: 59 Resp: 159343
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.893 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 96 Resp: 102424
Ion Ratio Lower Upper
96 100
61 182.6 146.9 220.3
98 64.5 50.1 75.1





#13

Acrolein

Concen: 258.711 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

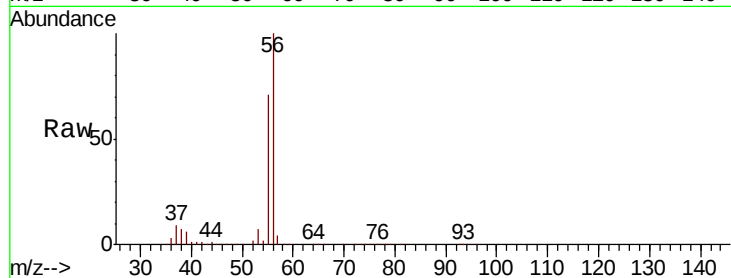
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 118476

Ion Ratio Lower Upper

56 100

55 70.4 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

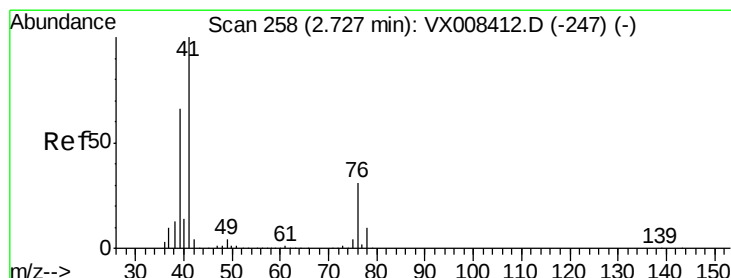
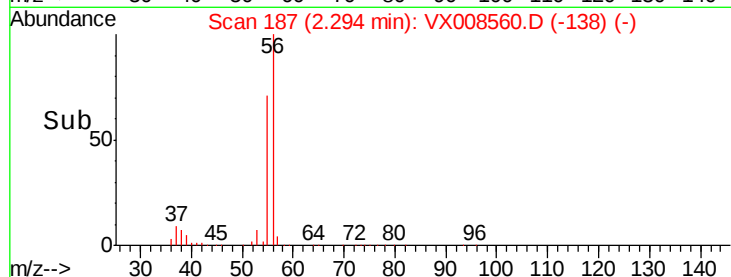
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 51.818 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

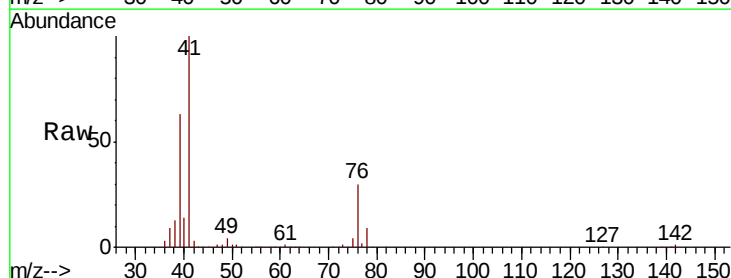
Tgt Ion: 41 Resp: 249350

Ion Ratio Lower Upper

41 100

39 60.3 49.6 74.4

76 27.8 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

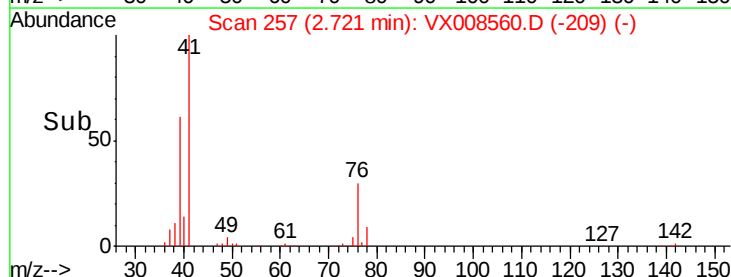
100000

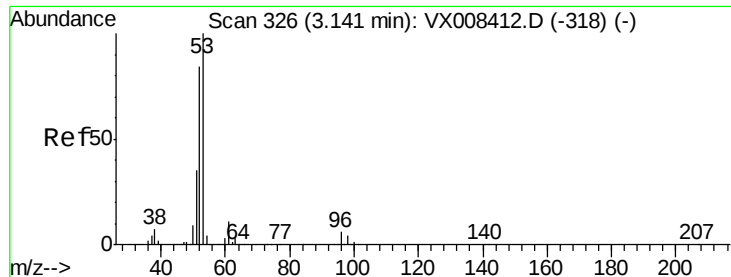
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 254.061 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

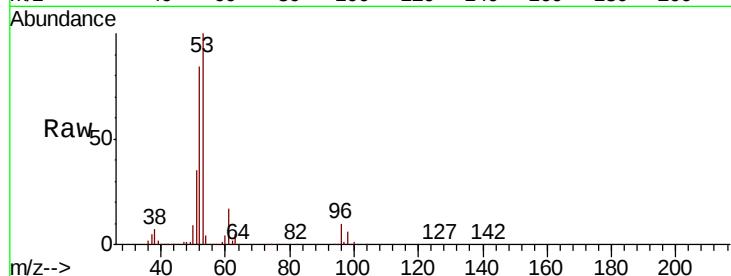
Tot Ion: 53 Resp: 420110

Ion Ratio Lower Upper

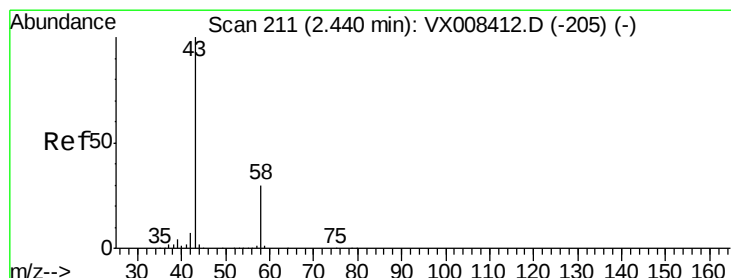
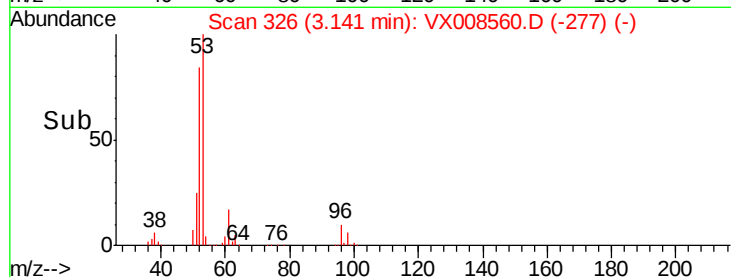
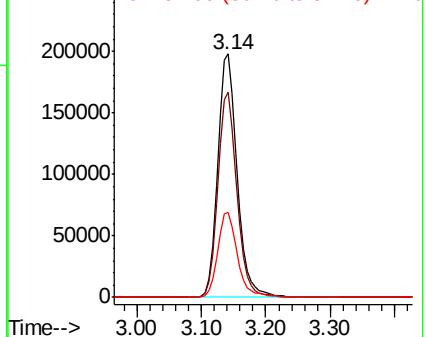
53 100

52 83.2 66.5 99.7

51 35.5 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: 261.293 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008560.D

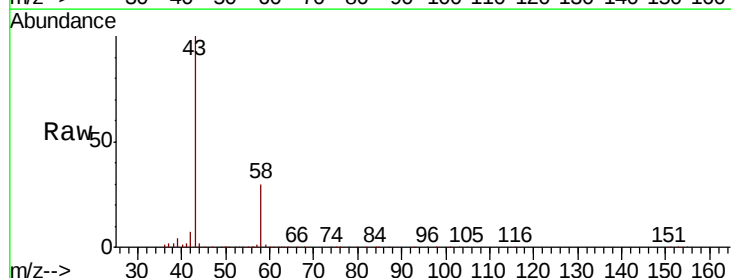
Acq: 01 Apr 2019 11:09

Tgt Ion: 43 Resp: 388705

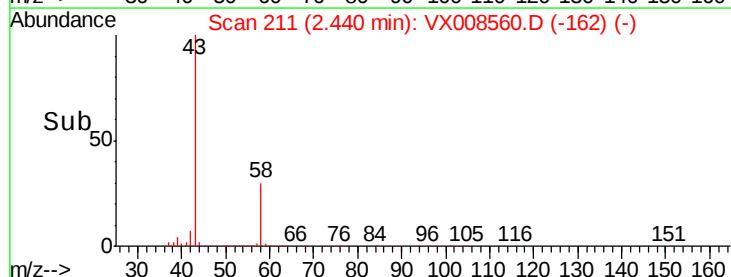
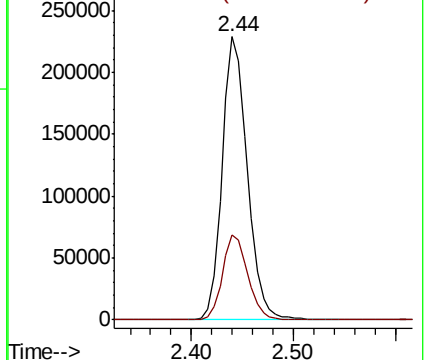
Ion Ratio Lower Upper

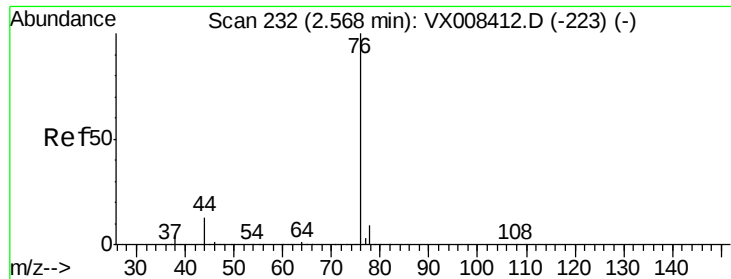
43 100

58 30.1 24.2 36.2



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

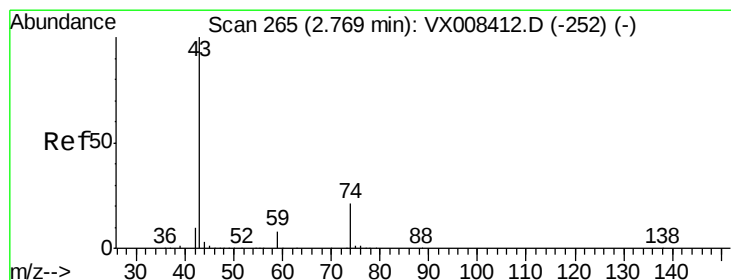
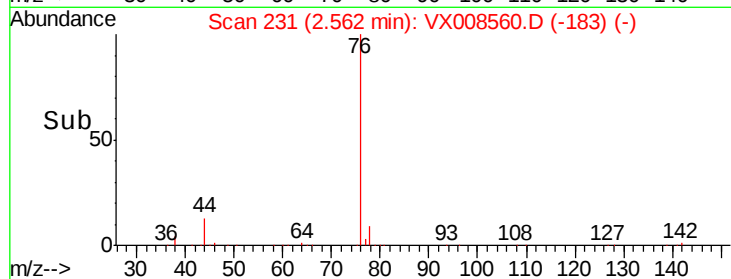
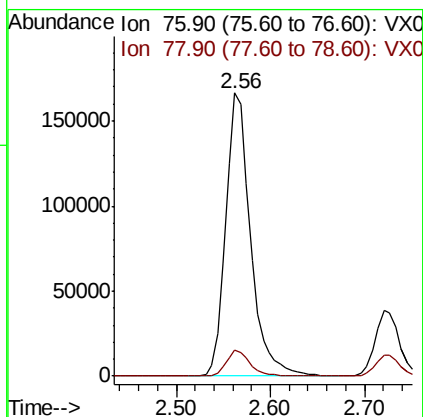
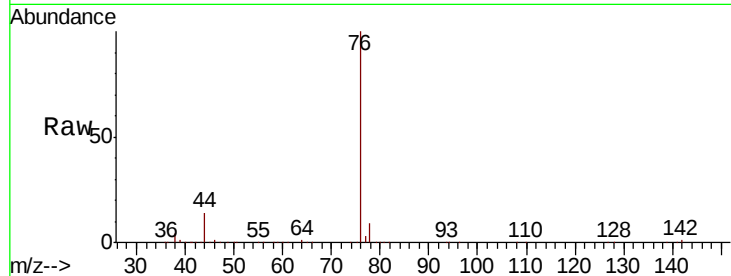




#17
Carbon Disulfide
Concen: 48.677 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

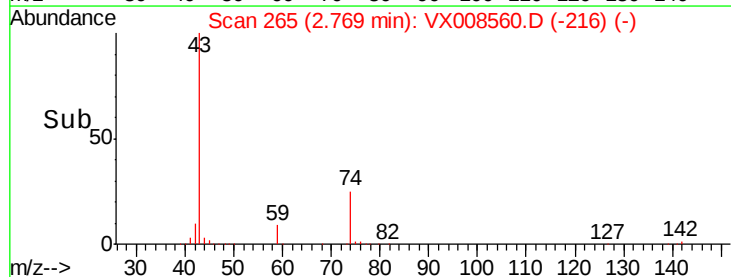
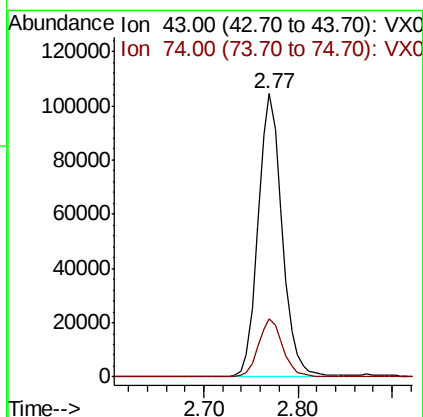
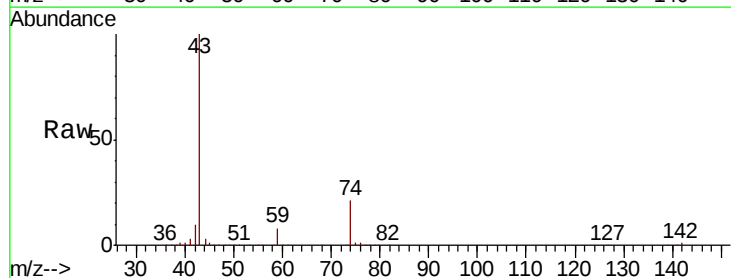
Instrument :
MSVOA_X
ClientSampleId :

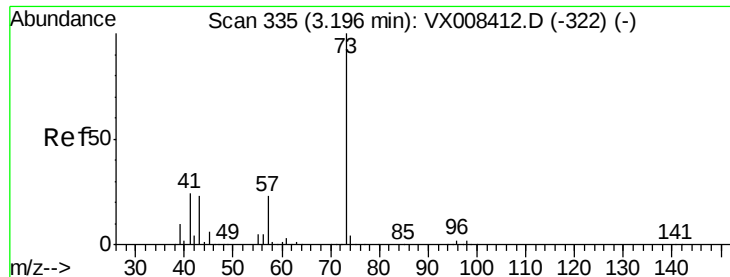
Tot Ion: 76 Resp: 305112
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 51.952 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 43 Resp: 185616
Ion Ratio Lower Upper
43 100
74 20.4 16.7 25.1



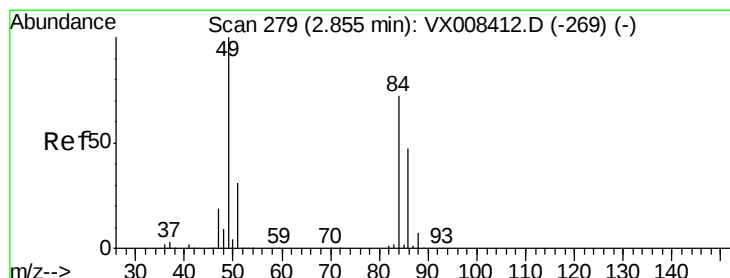
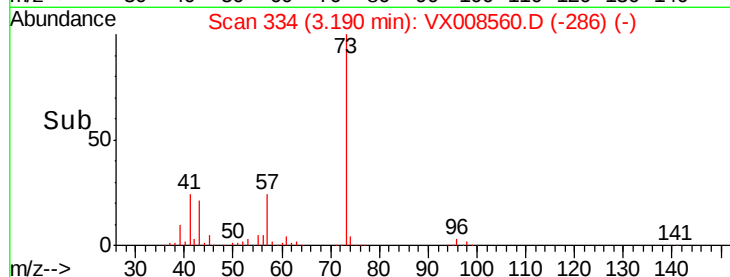
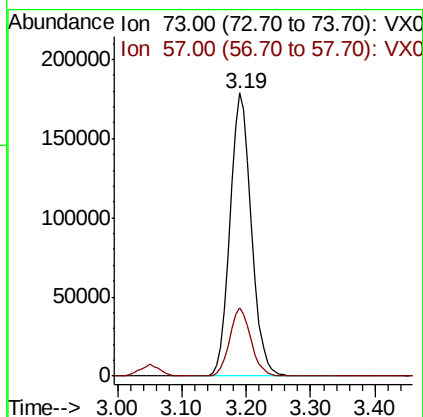
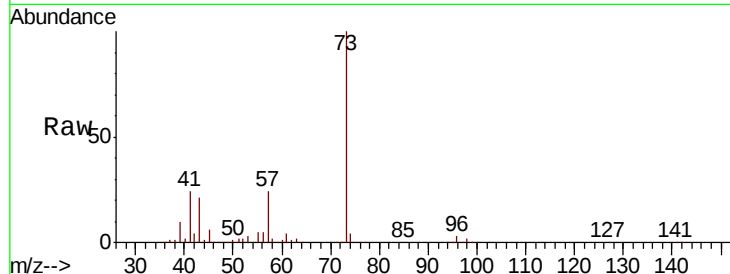


#19

Methyl tert-butyl Ether
 Concen: 52.804 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :

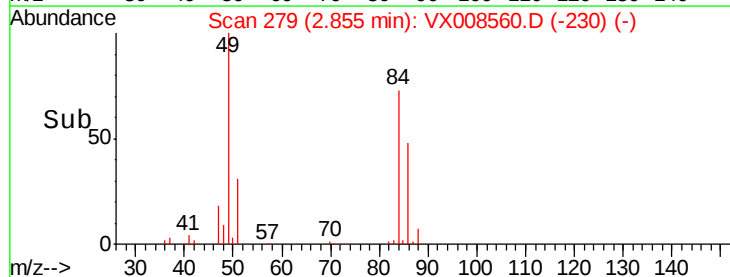
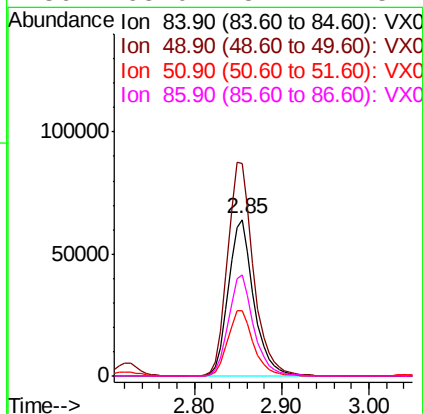
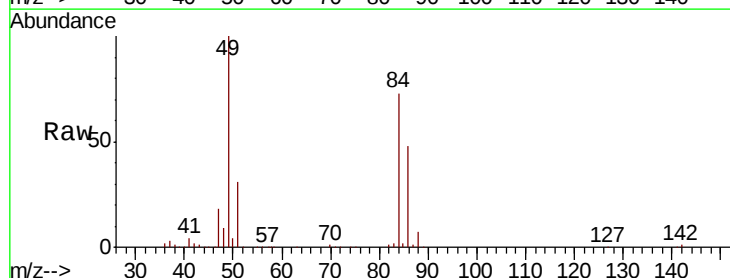
Tot Ion: 73 Resp: 415617
 Ion Ratio Lower Upper
 73 100
 57 24.0 18.6 28.0

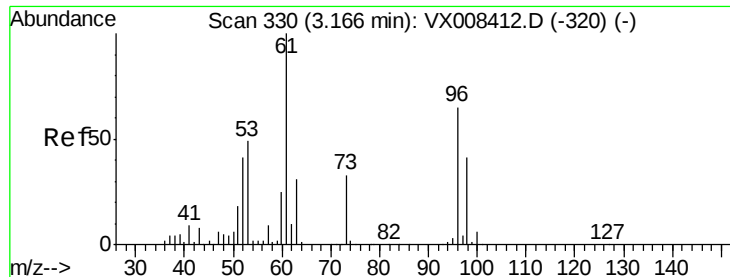


#20

Methylene Chloride
 Concen: 53.216 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion: 84 Resp: 129103
 Ion Ratio Lower Upper
 84 100
 49 136.3 110.6 165.8
 51 42.0 33.9 50.9
 86 65.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 53.086 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

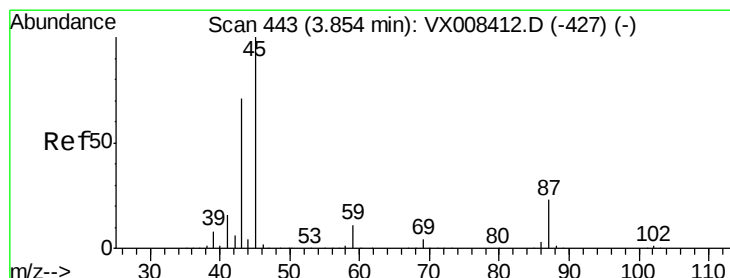
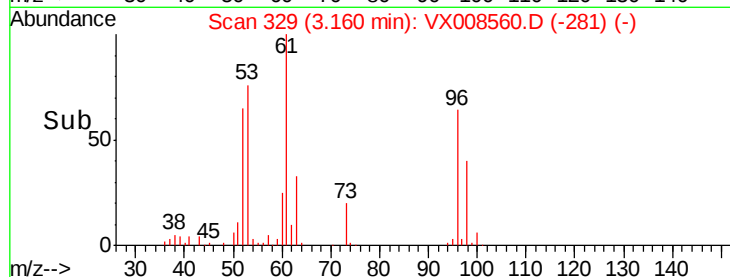
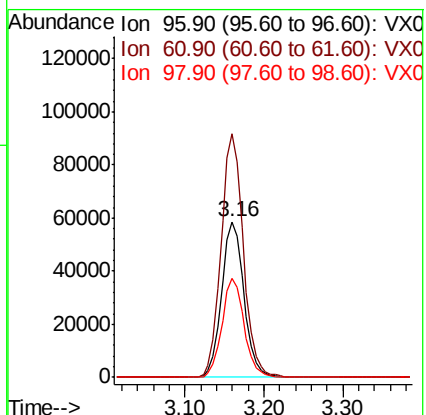
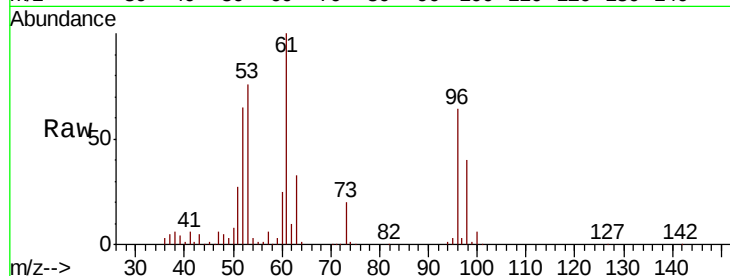
Tot Ion: 96 Resp: 115503

Ion Ratio Lower Upper

96 100

61 156.3 122.6 184.0

98 63.2 50.9 76.3



#22

Diisopropyl ether

Concen: 51.900 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion: 45 Resp: 491758

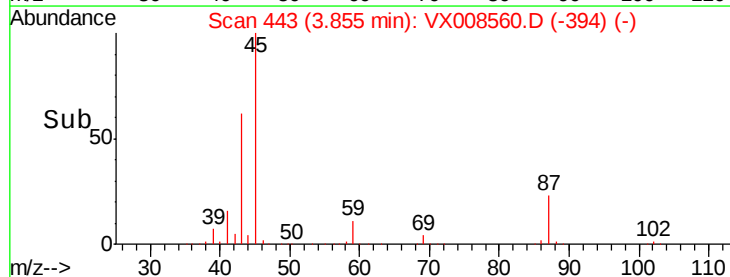
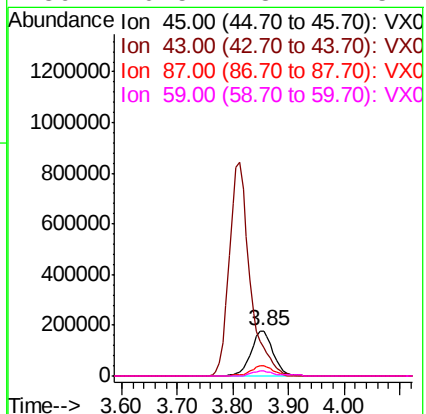
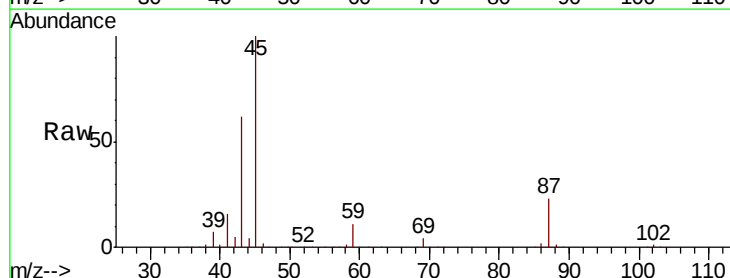
Ion Ratio Lower Upper

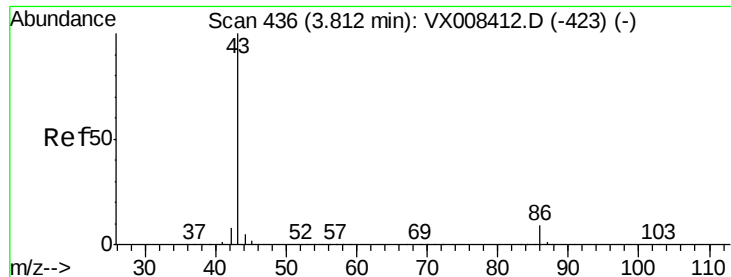
45 100

43 62.4 57.1 85.7

87 23.1 18.8 28.2

59 10.5 8.7 13.1





#23

Vinyl Acetate

Concen: 263.164 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

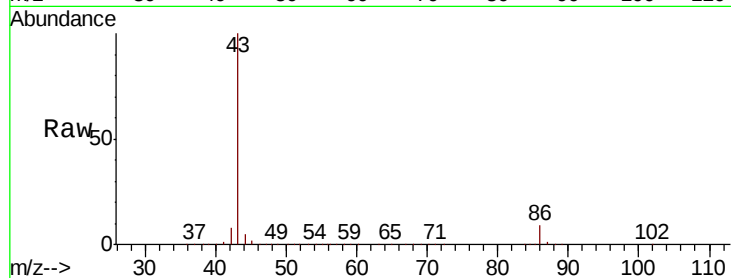
ClientSampleId :

Tot Ion: 43 Resp: 2175453

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

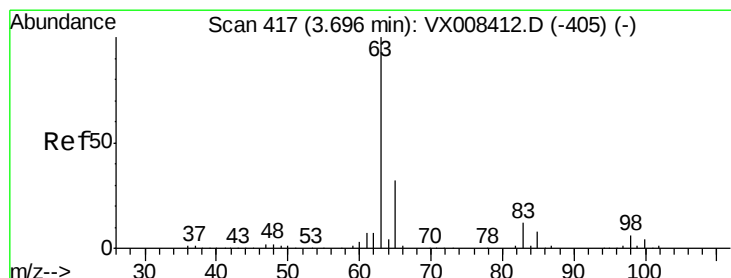
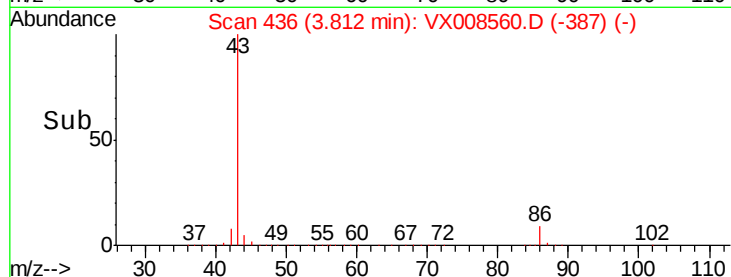
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.311 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

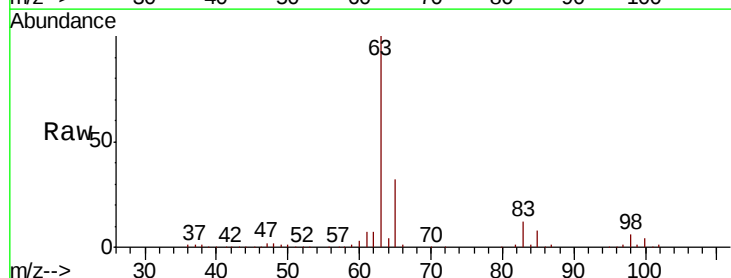
Tgt Ion: 63 Resp: 245447

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

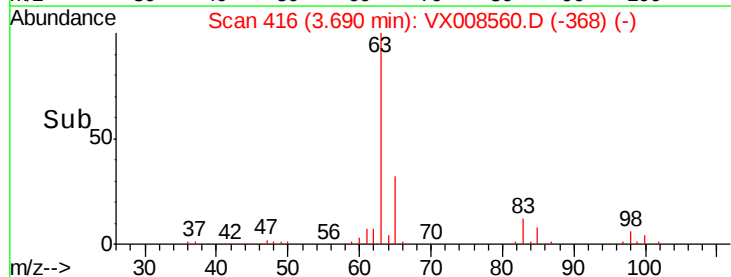
3.69

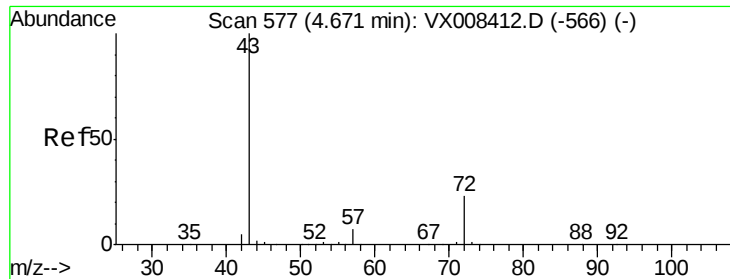
100000

50000

0

Time-->





#25

2-Butanone

Concen: 262.057 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

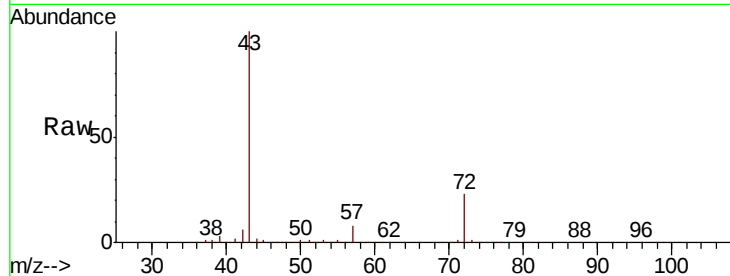
ClientSampleId :

Tot Ion: 43 Resp: 624985

Ion Ratio Lower Upper

43 100

72 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

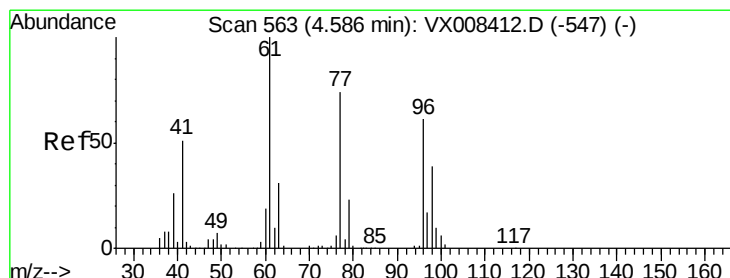
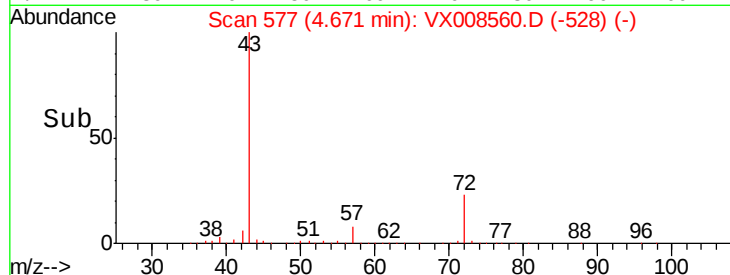
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 57.816 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX008560.D

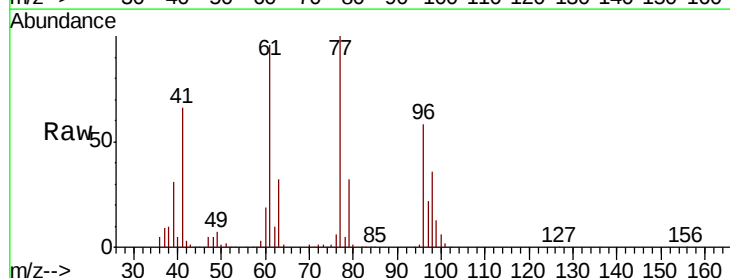
Acq: 01 Apr 2019 11:09

Tgt Ion: 77 Resp: 183951

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

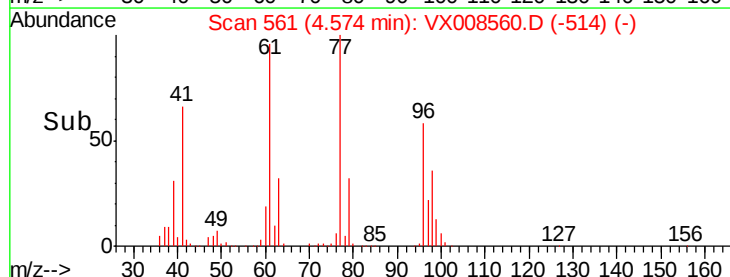
40000

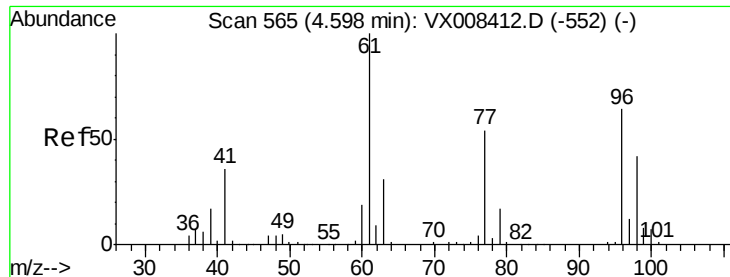
20000

0

4.40 4.50 4.60 4.70

Time-->



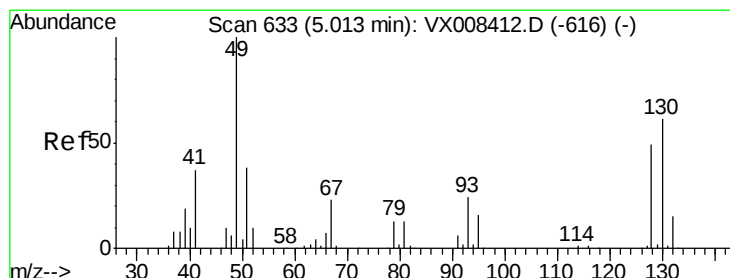
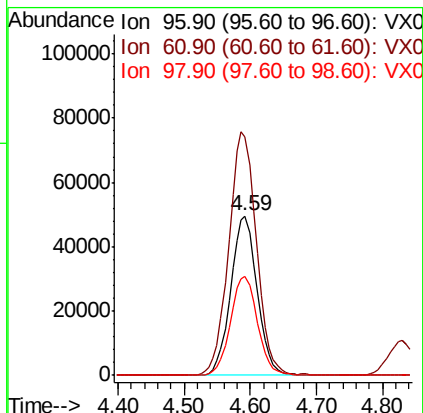
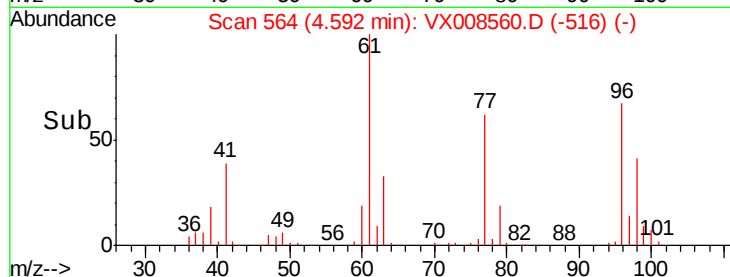
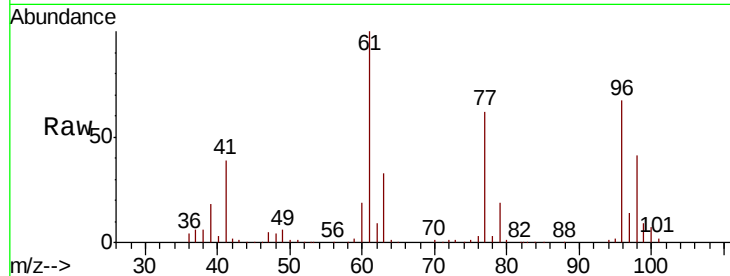


#27

cis-1,2-Dichloroethene
Concen: 51.357 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampled :

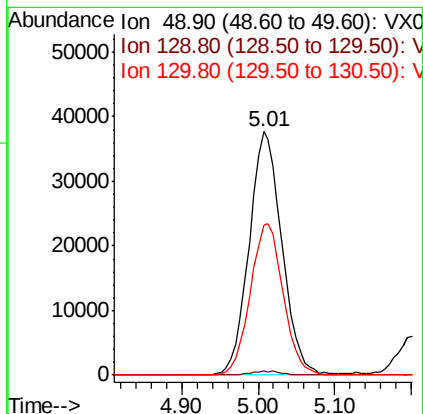
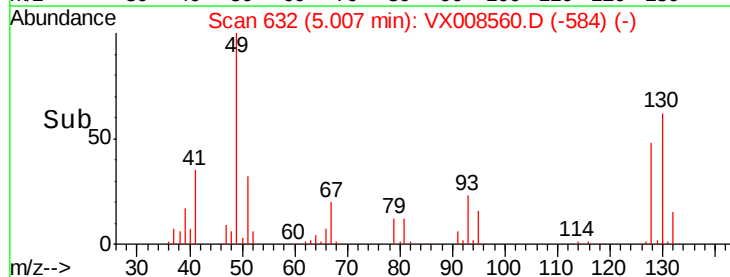
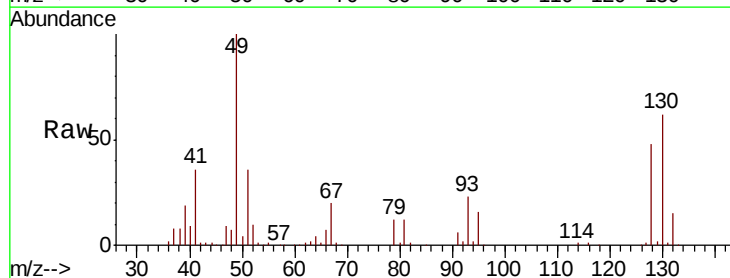
Tot Ion: 96 Resp: 137169
Ion Ratio Lower Upper
96 100
61 160.1 0.0 325.6
98 63.3 0.0 130.0

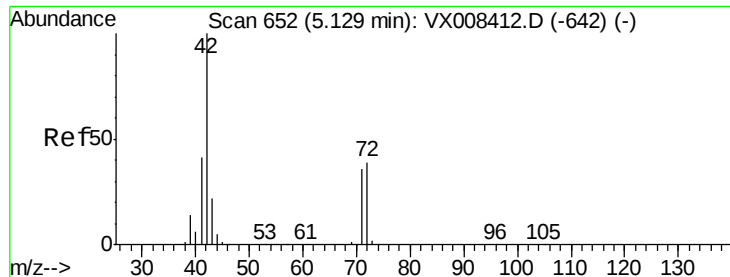


#28

Bromochloromethane
Concen: 47.597 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 49 Resp: 112487
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.3 49.8 74.6





#29

Tetrahydrofuran

Concen: 251.767 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

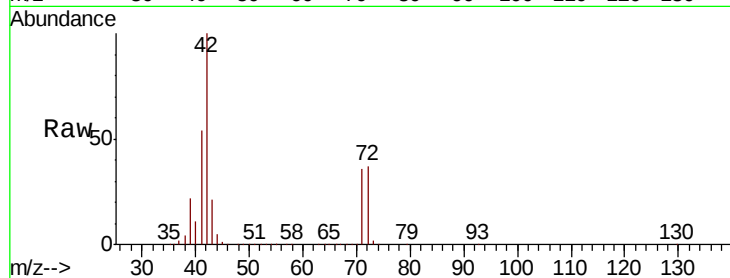
Tot Ion: 42 Resp: 395737

Ion Ratio Lower Upper

42 100

72 38.8 31.4 47.2

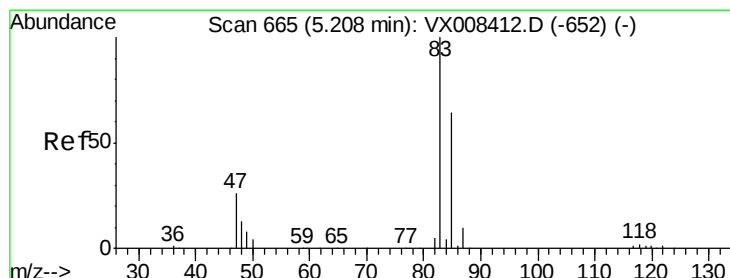
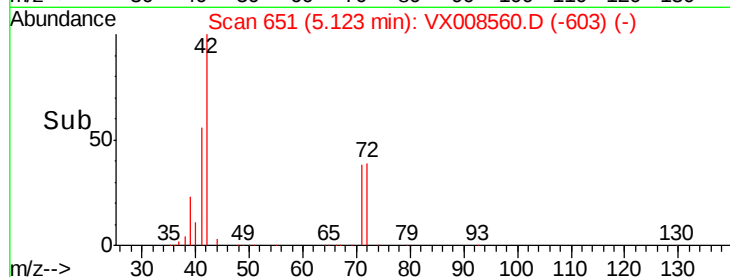
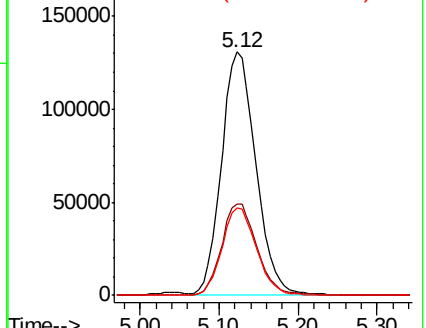
71 36.3 29.4 44.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.252 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX008560.D

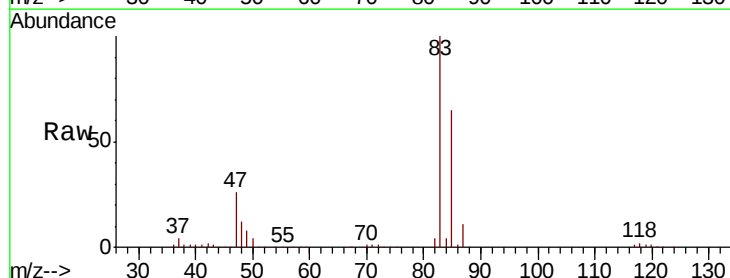
Acq: 01 Apr 2019 11:09

Tgt Ion: 83 Resp: 221254

Ion Ratio Lower Upper

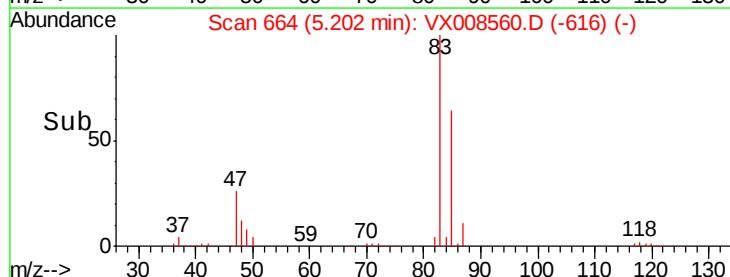
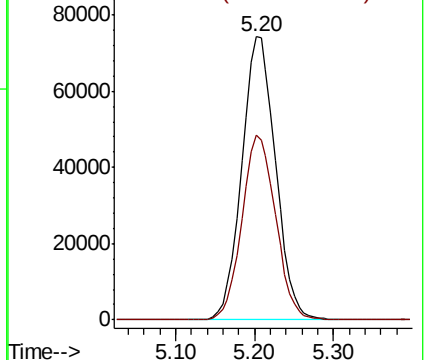
83 100

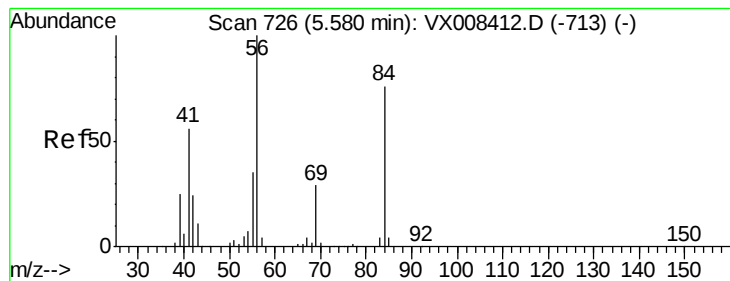
85 65.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.156 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :

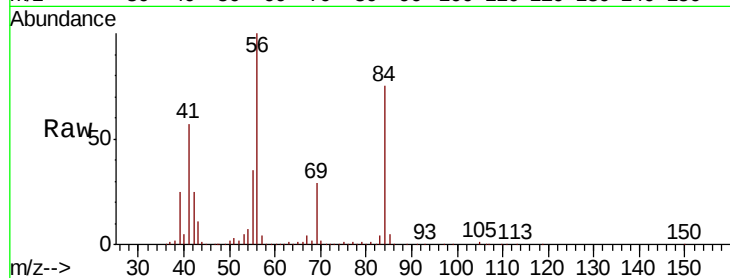
Tot Ion: 56 Resp: 233386

Ion Ratio Lower Upper

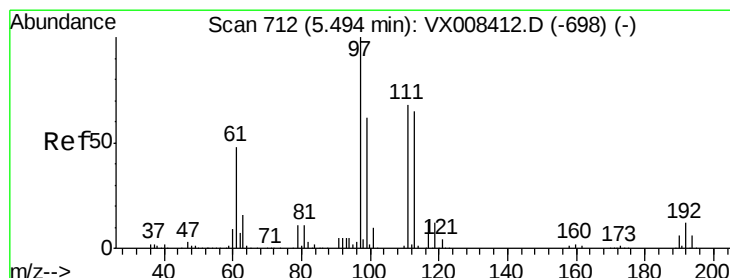
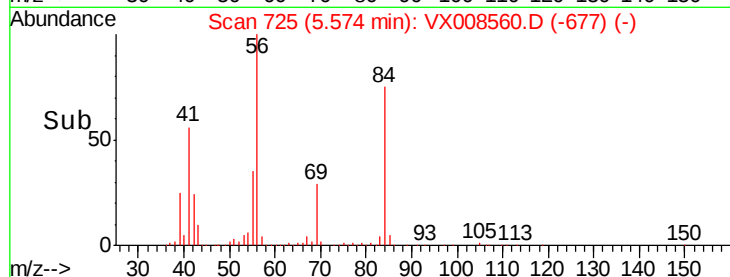
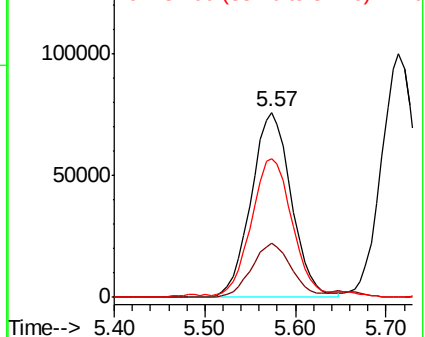
56 100

69 29.2 23.2 34.8

84 73.8 60.7 91.1



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: 52.824 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

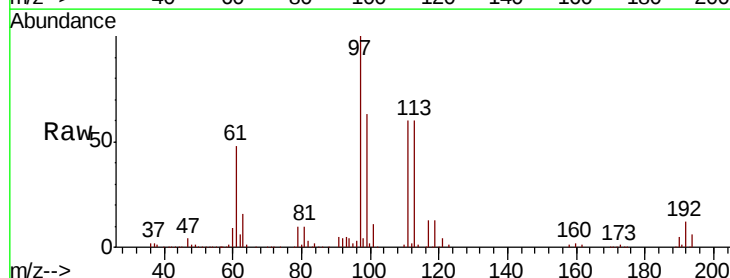
Tgt Ion: 97 Resp: 182280

Ion Ratio Lower Upper

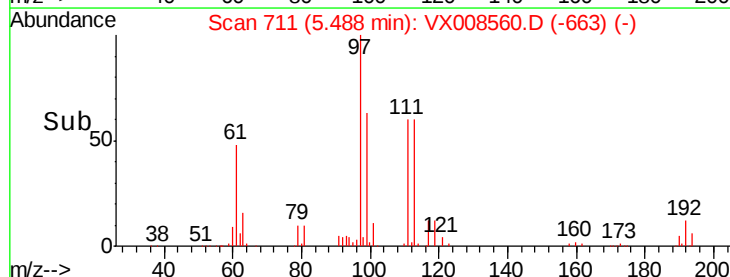
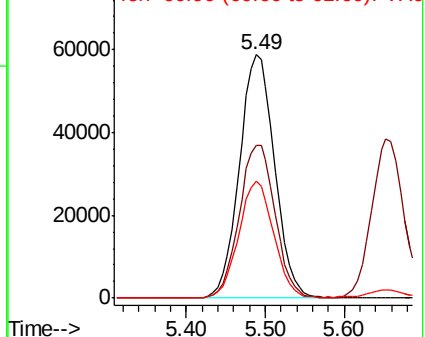
97 100

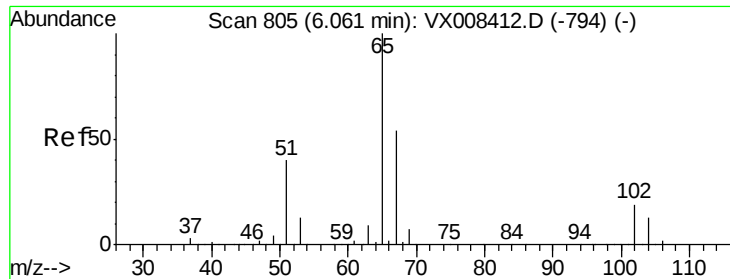
99 64.1 51.5 77.3

61 47.9 38.8 58.2



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

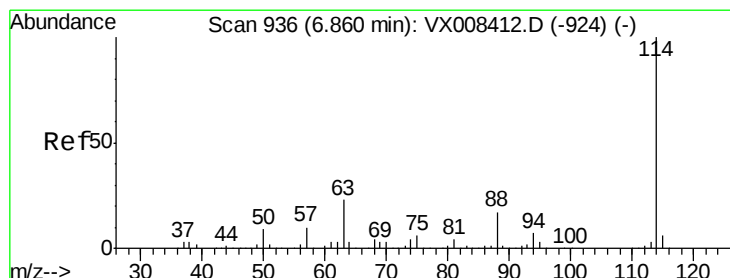
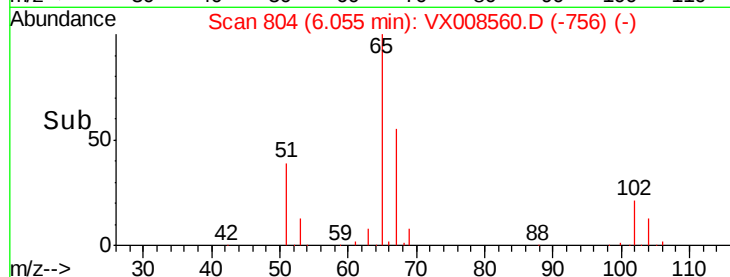
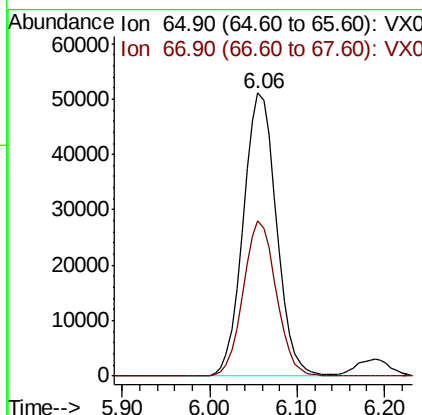
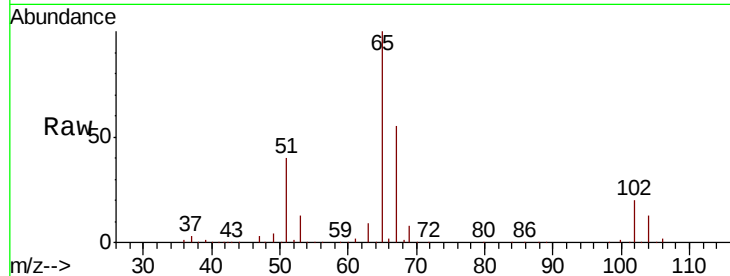




#33
 1,2-Dichloroethane-d4
 Concen: 47.463 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

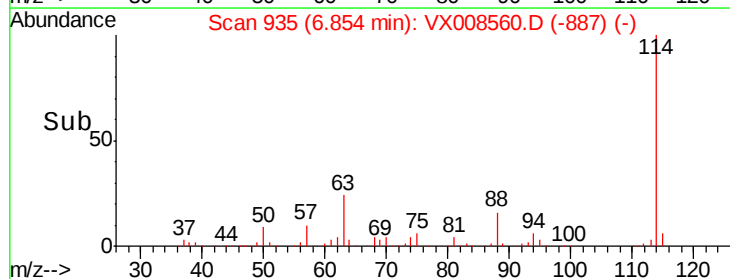
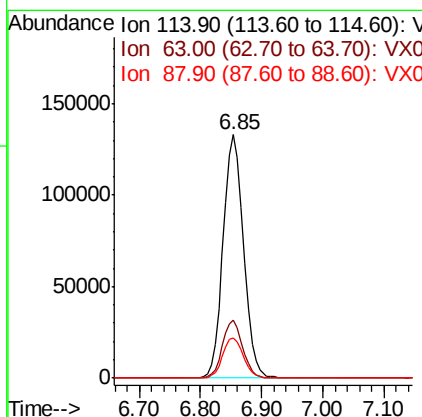
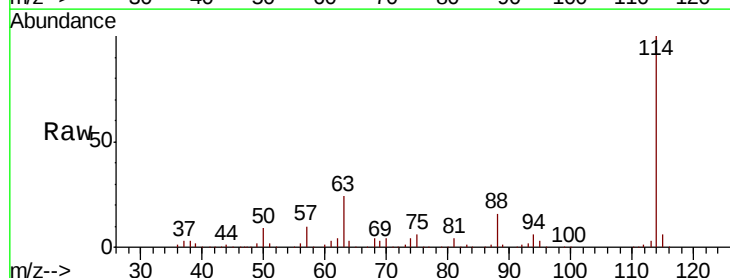
Instrument :
 MSVOA_X
 ClientSampleId :

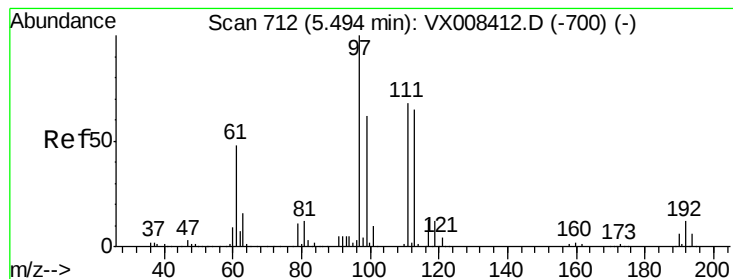
Tot Ion: 65 Resp: 135092
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion: 114 Resp: 308401
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.4
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.447 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

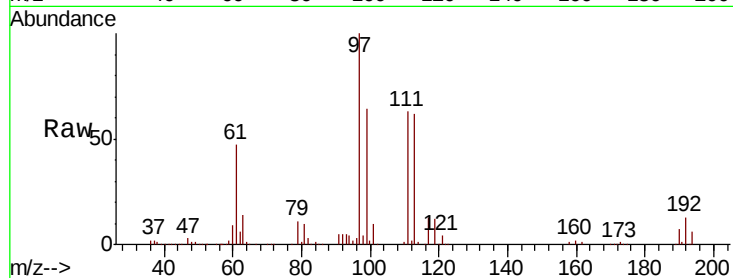
Tot Ion:113 Resp: 101444

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

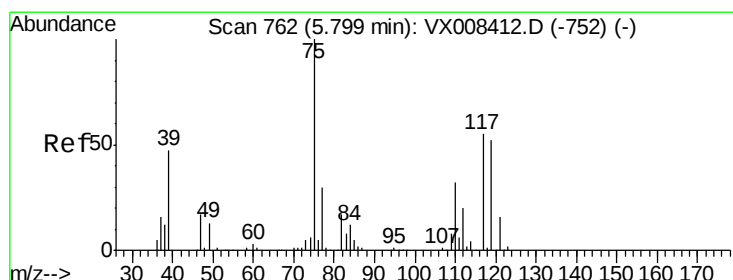
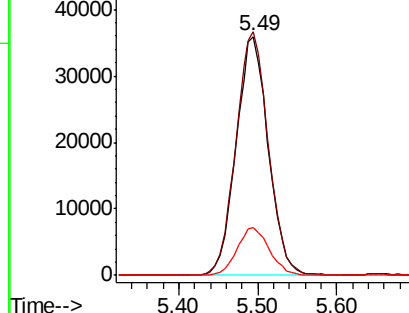
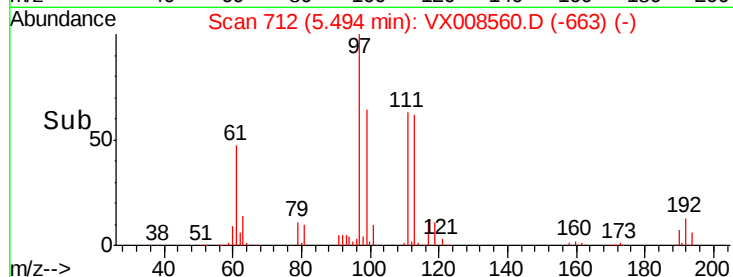
192 20.1 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.576 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

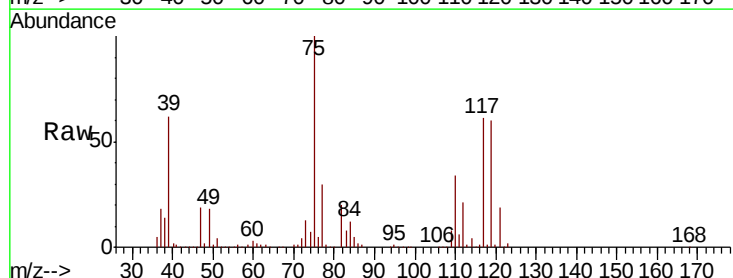
Tgt Ion: 75 Resp: 172881

Ion Ratio Lower Upper

75 100

110 33.3 16.6 49.7

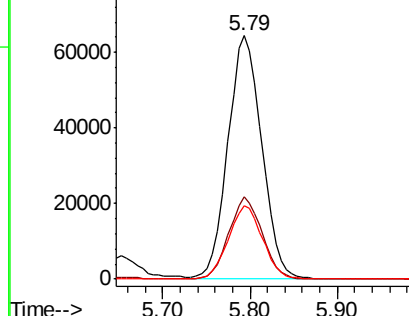
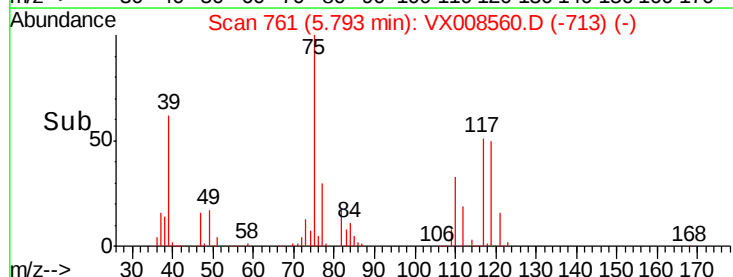
77 30.2 24.2 36.2

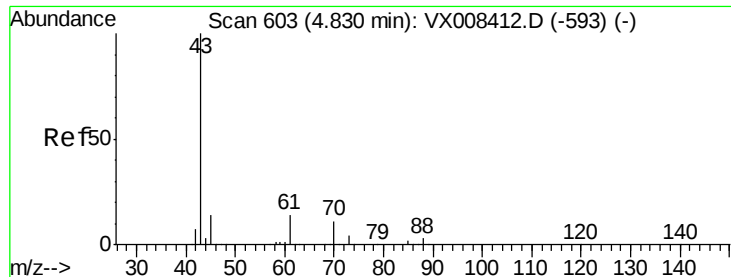


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

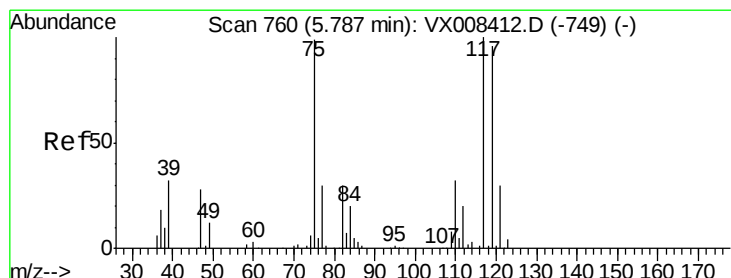
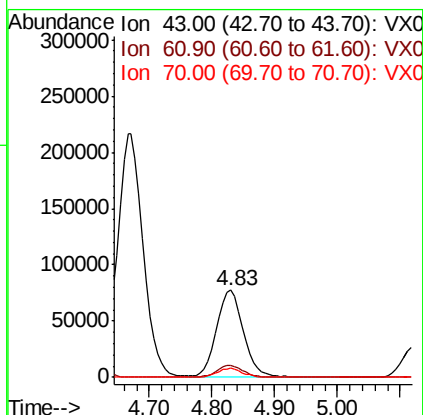
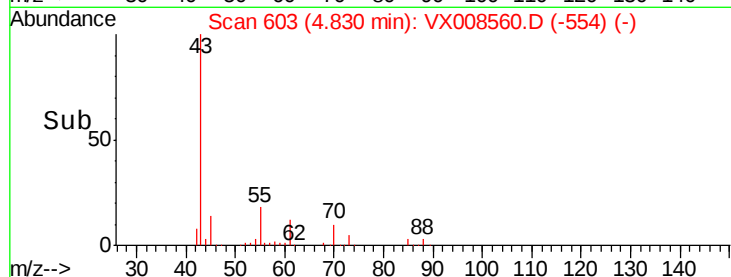
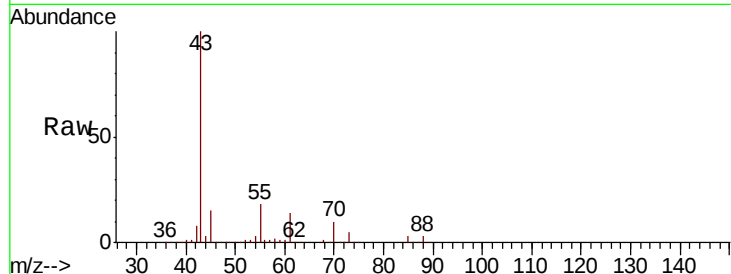




#37
Ethyl Acetate
Concen: 54.125 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

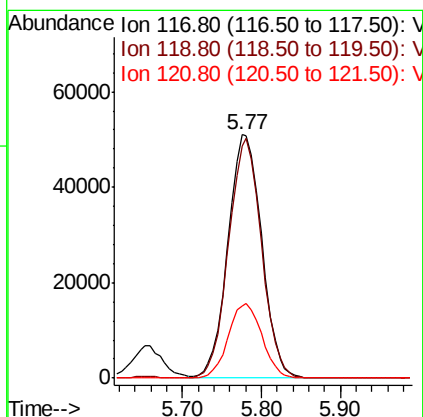
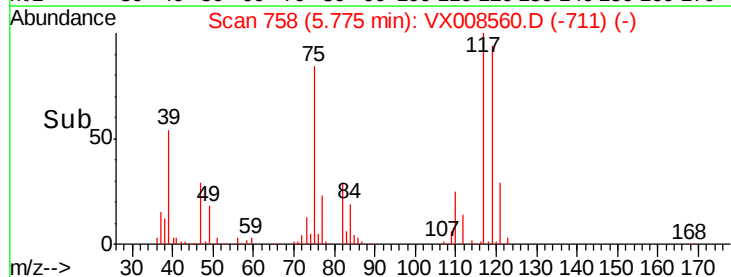
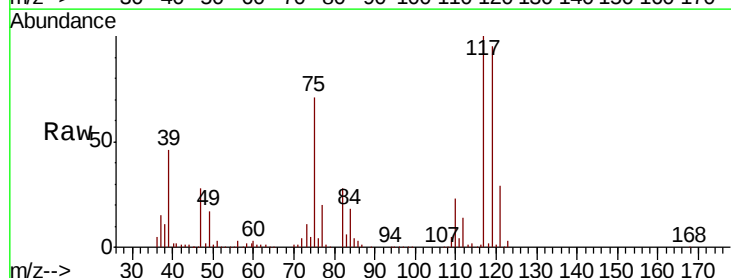
Instrument :
MSVOA_X
ClientSampleId :

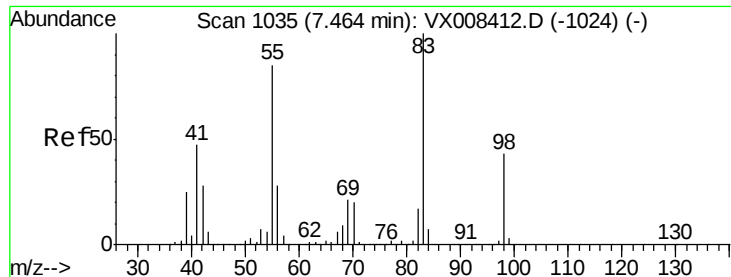
Tot Ion: 43 Resp: 230562
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 55.399 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 117 Resp: 152023
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1
121 29.5 24.3 36.5

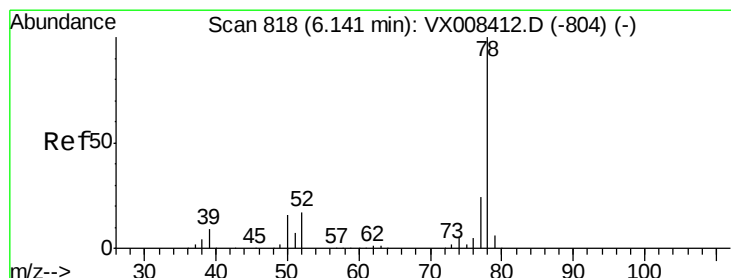
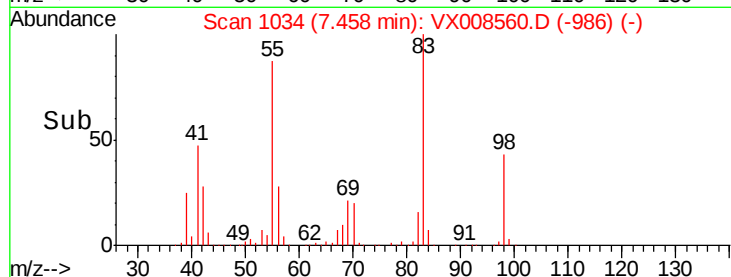
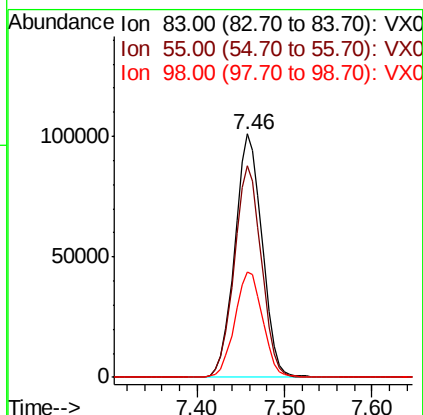
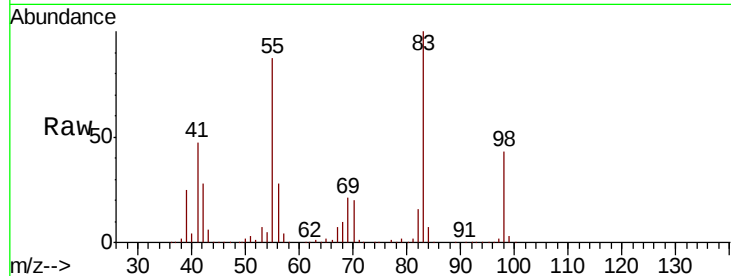




#39
Methvlcvclohexane
Concen: 55.944 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

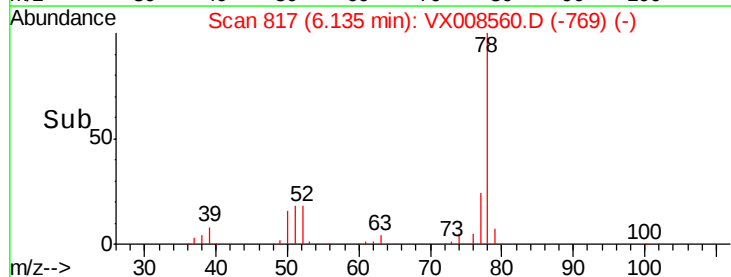
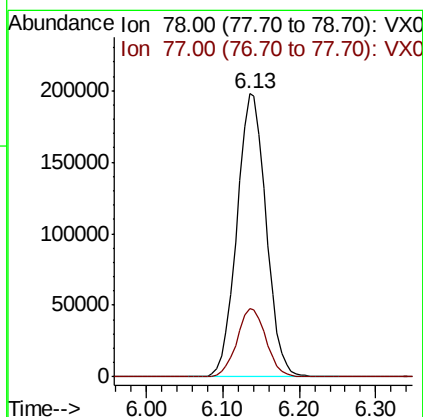
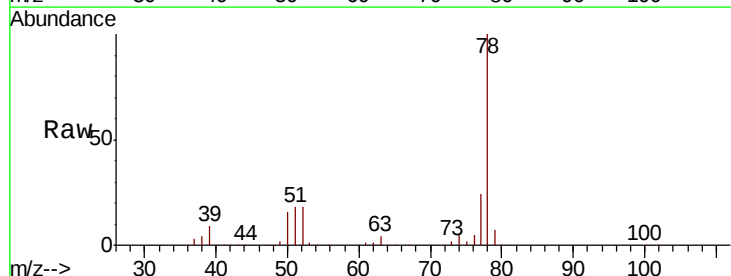
Instrument :
MSVOA_X
ClientSampled :

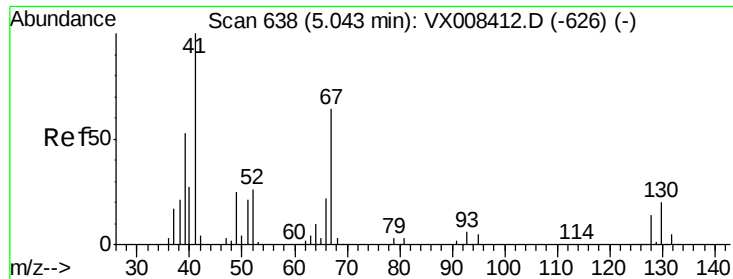
Tot Ion: 83 Resp: 219843
Ion Ratio Lower Upper
83 100
55 86.8 68.2 102.4
98 43.4 34.2 51.4



#40
Benzene
Concen: 53.104 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 78 Resp: 522767
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

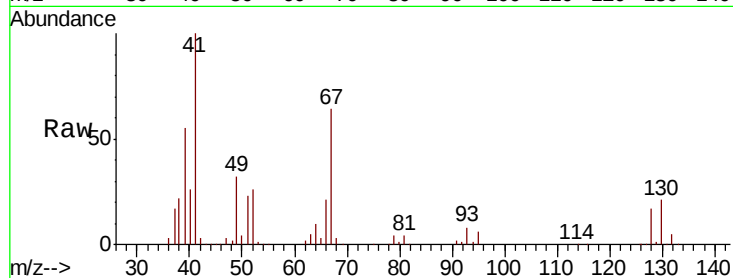




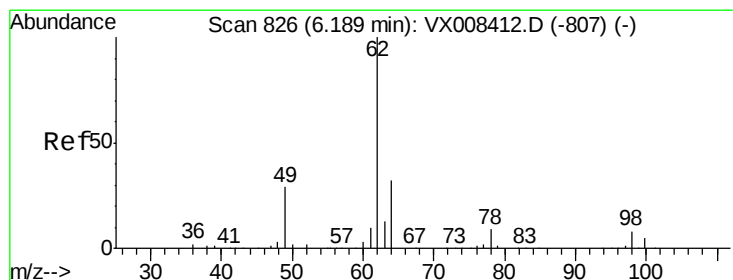
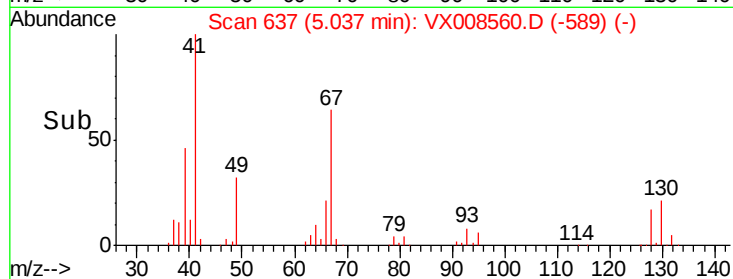
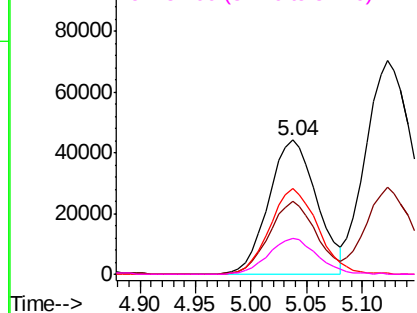
#41
Methacrylonitrile
Concen: 55.400 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	132622
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.6	64.0
67	64.1	52.2	78.4
52	26.9	21.4	32.0

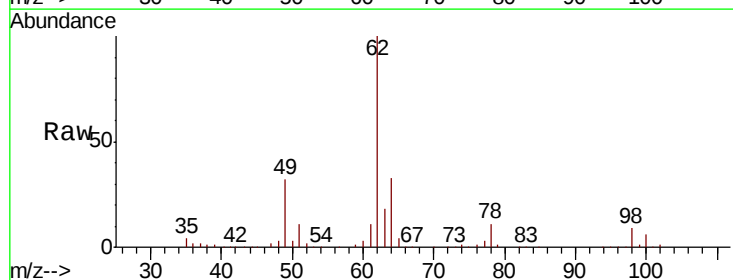


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

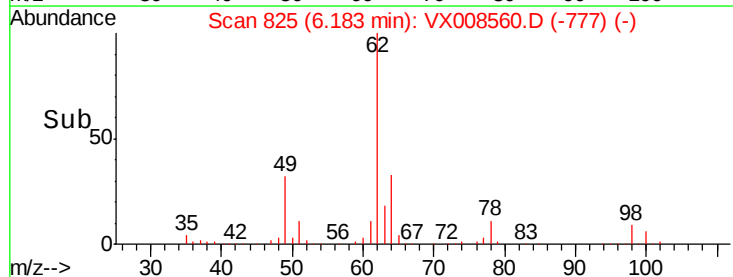
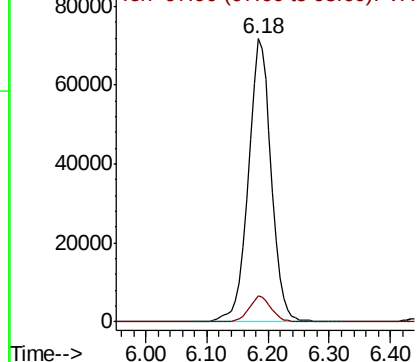


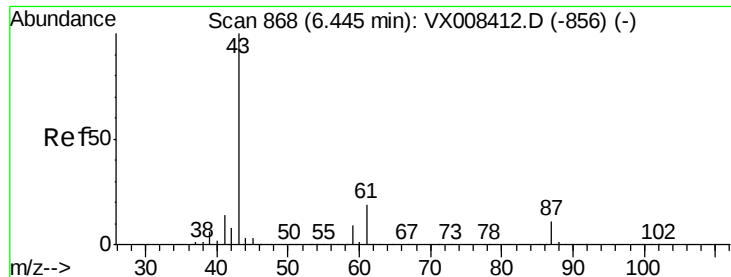
#42
1,2-Dichloroethane
Concen: 51.963 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:	62	Resp:	187288
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 55.252 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

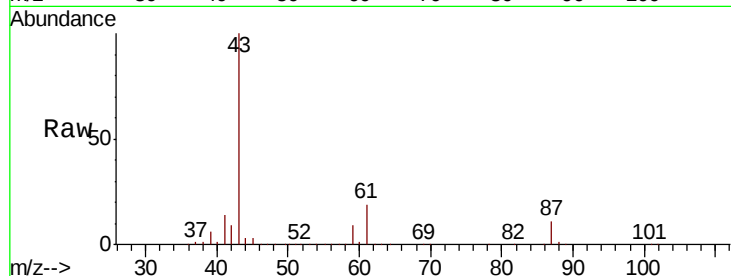
Tot Ion: 43 Resp: 376470

Ion Ratio Lower Upper

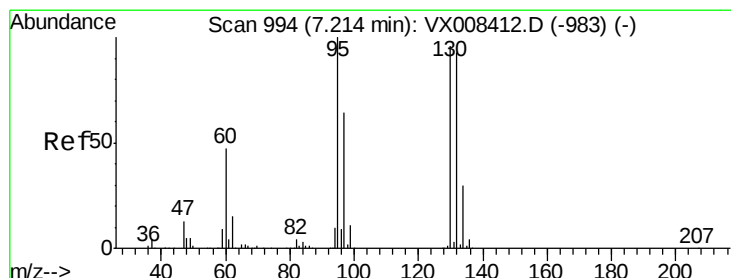
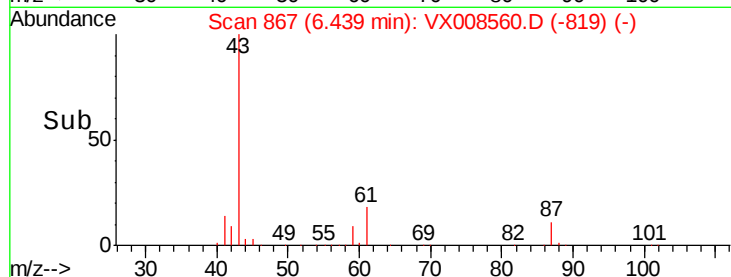
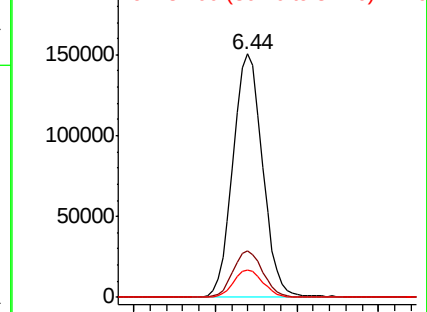
43 100

61 19.3 15.4 23.2

87 11.4 9.1 13.7



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: 53.492 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008560.D

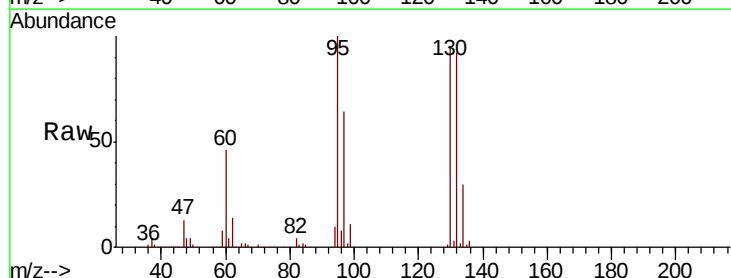
Acq: 01 Apr 2019 11:09

Tgt Ion:130 Resp: 123641

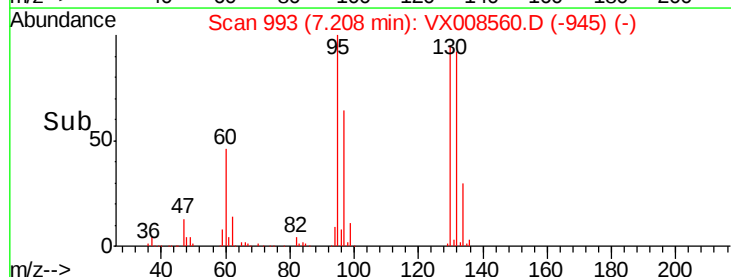
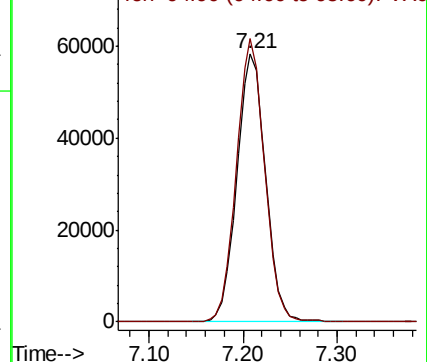
Ion Ratio Lower Upper

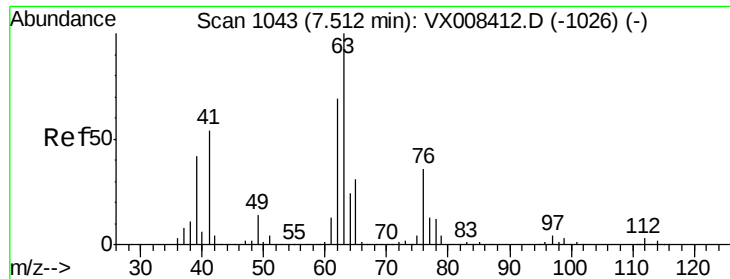
130 100

95 105.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.949 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

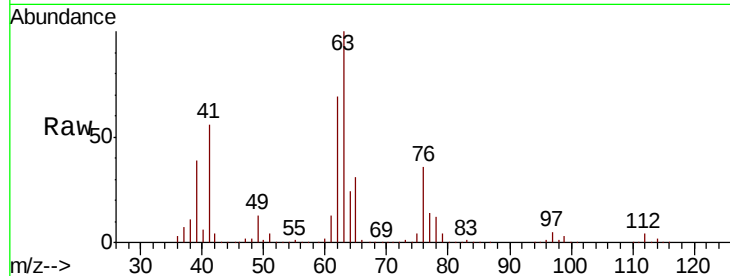
ClientSampleId :

Tot Ion: 63 Resp: 150953

Ion Ratio Lower Upper

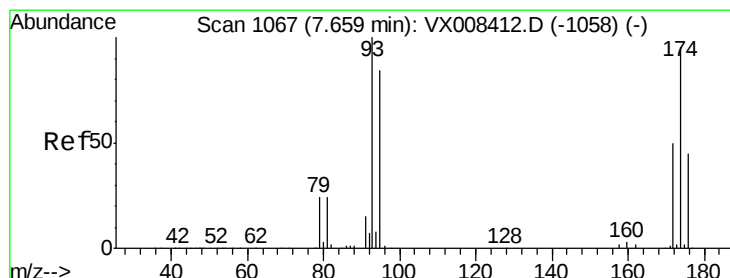
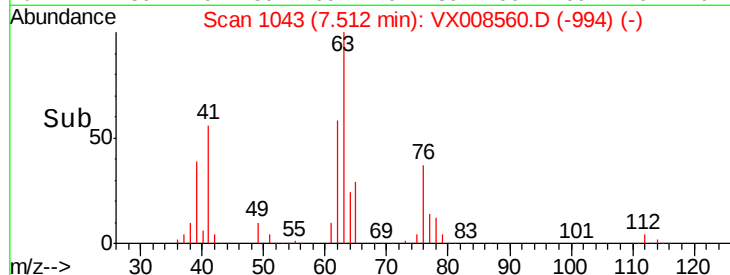
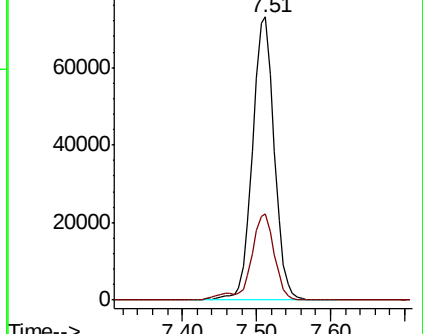
63 100

65 30.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.904 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

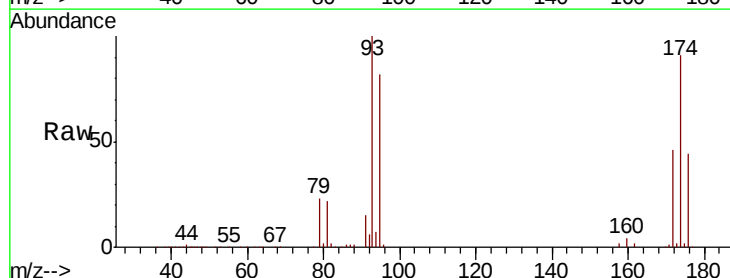
Tgt Ion: 93 Resp: 86443

Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

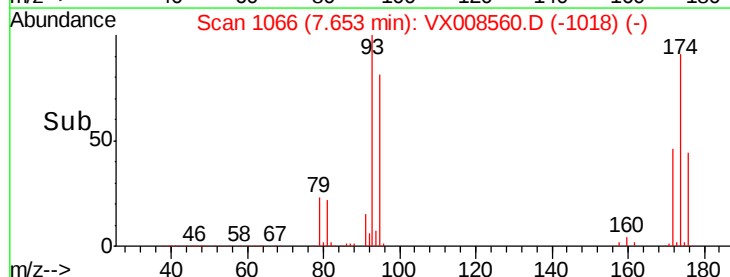
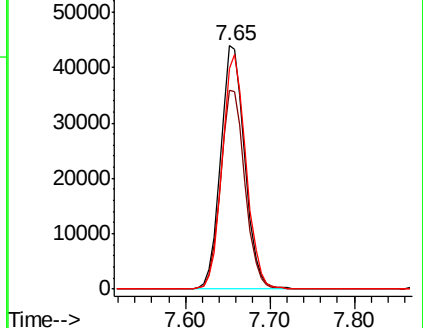
174 95.3 76.0 114.0

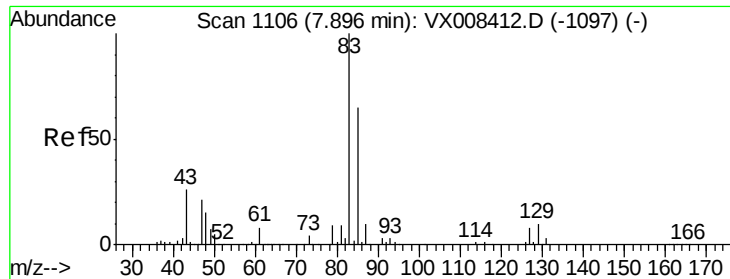


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.464 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

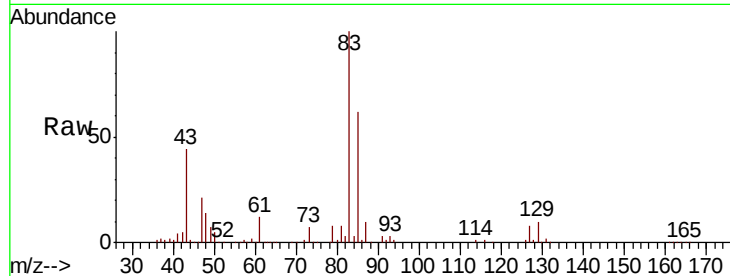
Tot Ion: 83 Resp: 176590

Ion Ratio Lower Upper

83 100

85 62.5 52.0 78.0

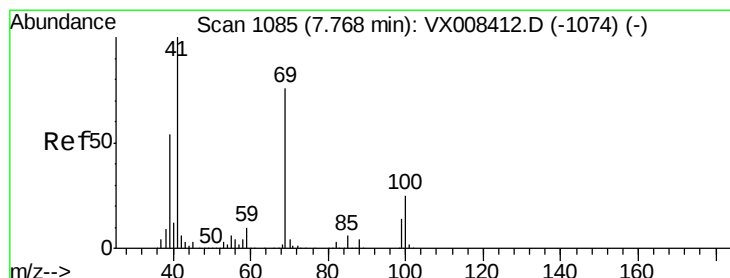
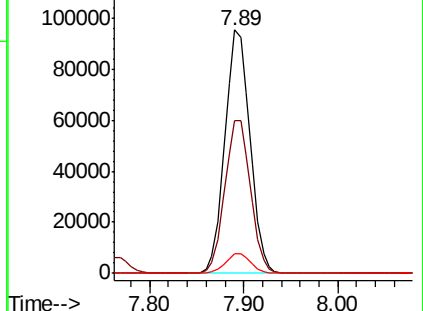
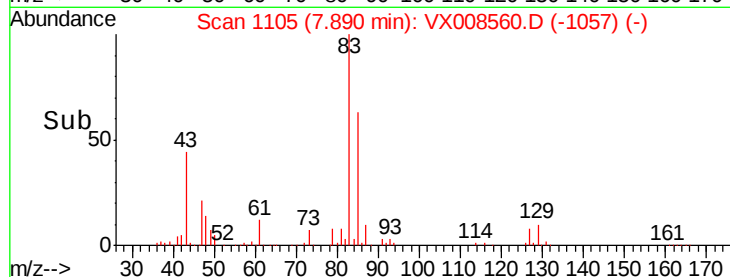
127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.946 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

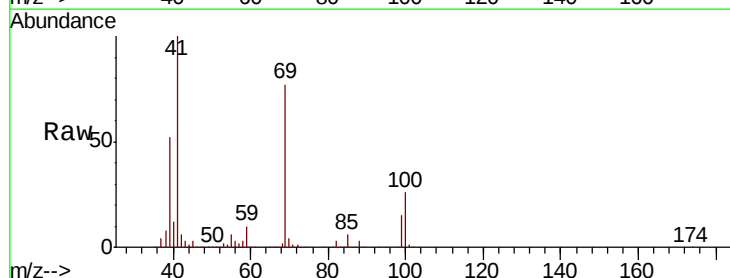
Tgt Ion: 41 Resp: 190736

Ion Ratio Lower Upper

41 100

69 75.5 60.8 91.2

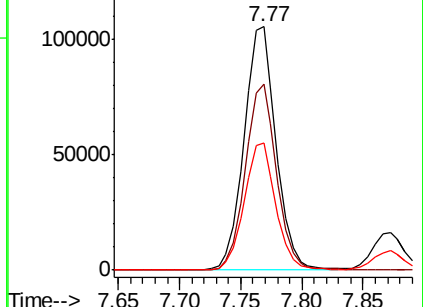
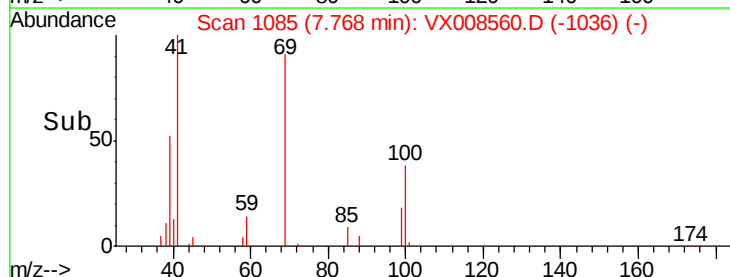
39 51.5 42.3 63.5

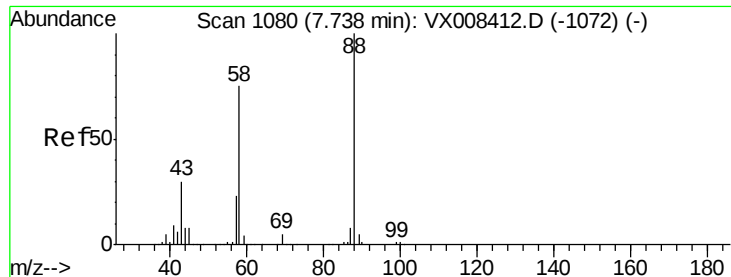


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

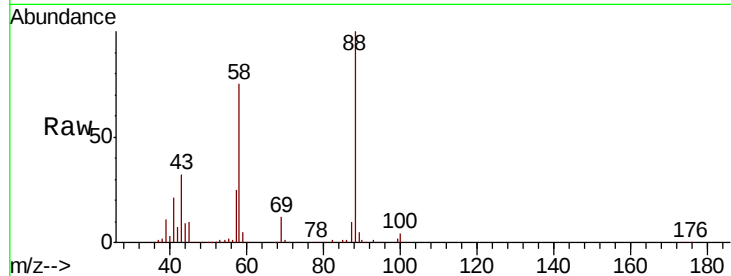




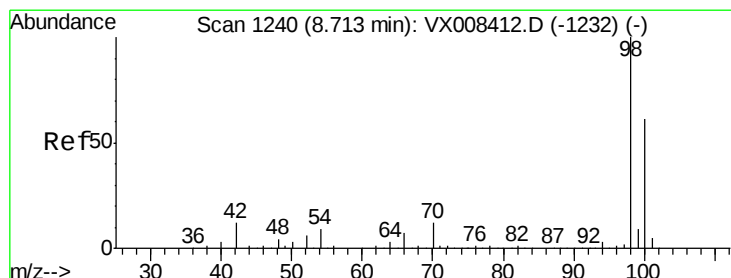
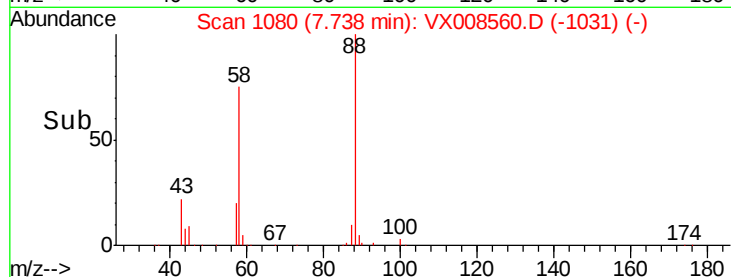
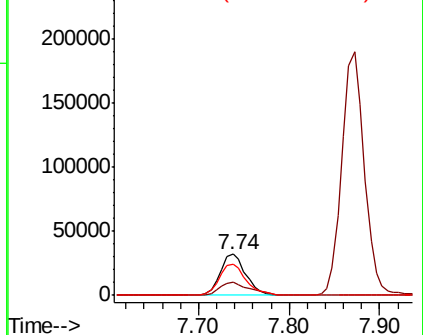
#49
1,4-Dioxane
Concen: 929.174 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 62987
Ion Ratio Lower Upper
88 100
43 37.7 28.6 43.0
58 79.3 63.0 94.4

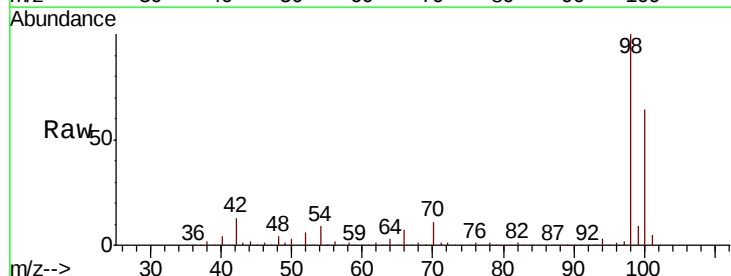


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

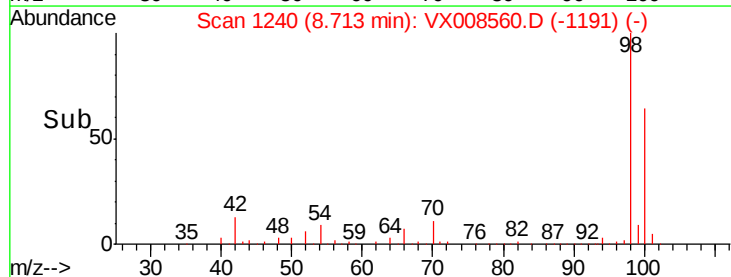
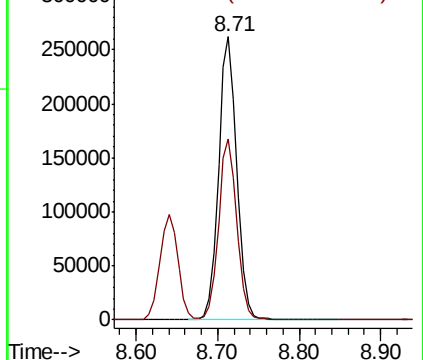


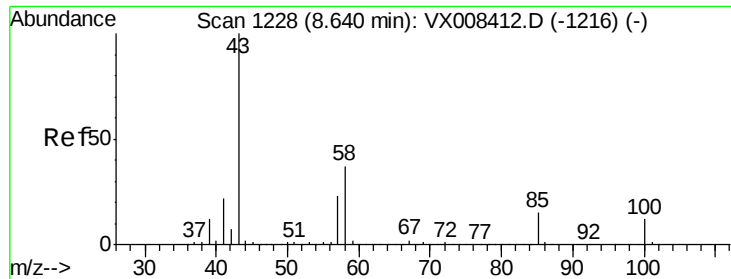
#50
Toluene-d8
Concen: 50.721 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 98 Resp: 407843
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 276.569 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

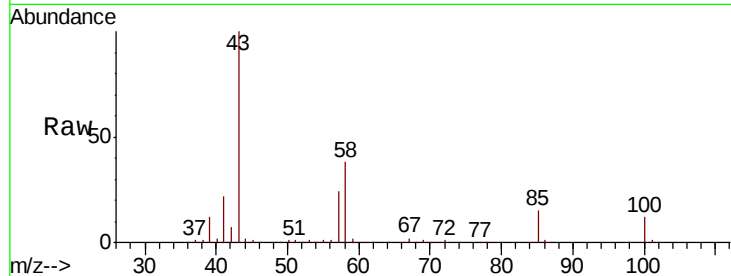
ClientSampled :

Tot Ion: 43 Resp: 1223964

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

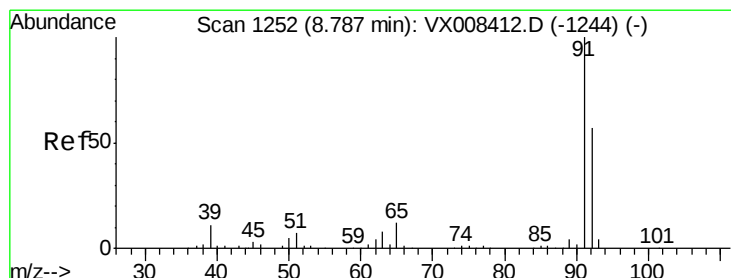
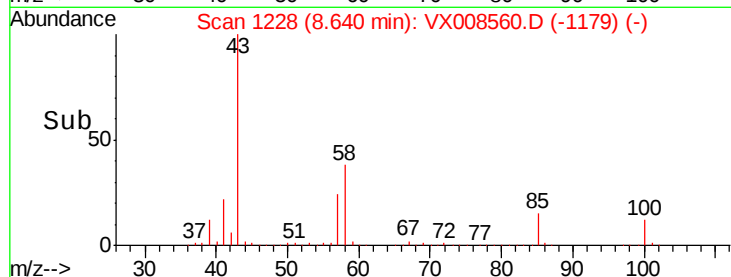
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.666 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008560.D

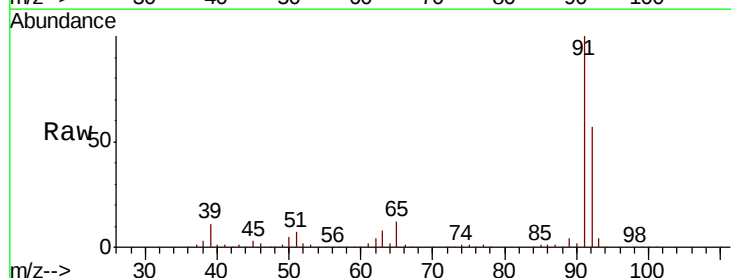
Acq: 01 Apr 2019 11:09

Tgt Ion: 92 Resp: 321771

Ion Ratio Lower Upper

92 100

91 172.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

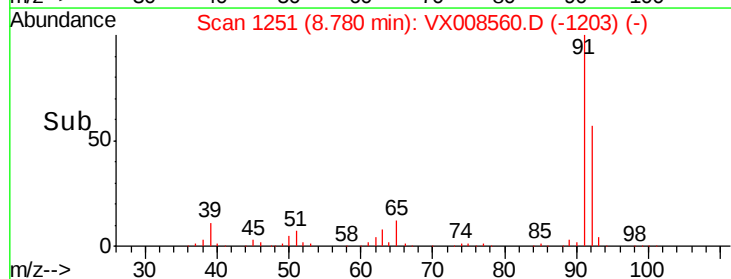
300000

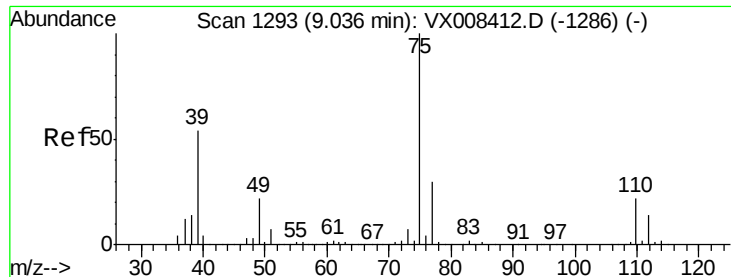
200000

100000

0

Time-->

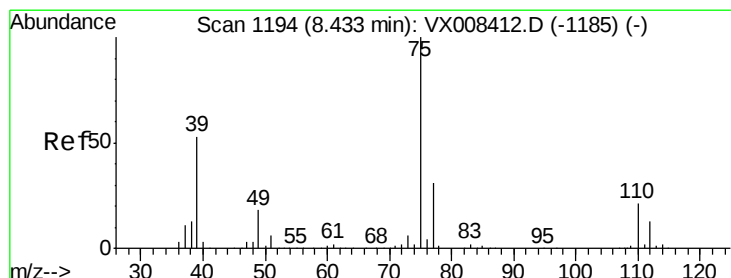
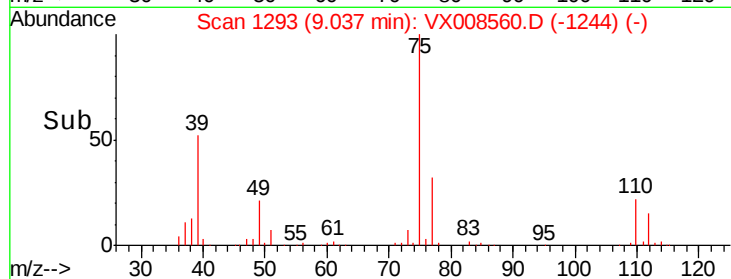
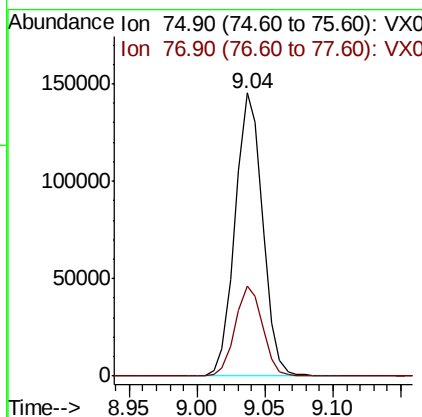
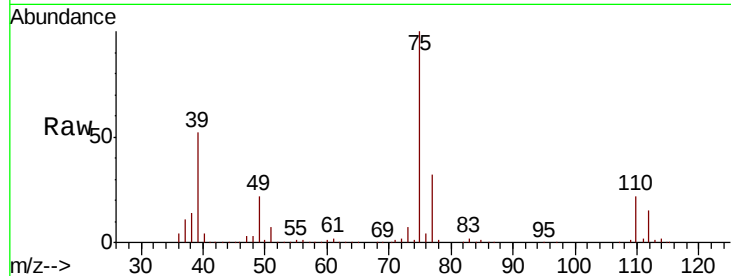




#53
t-1,3-Dichloropropene
Concen: 59.924 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

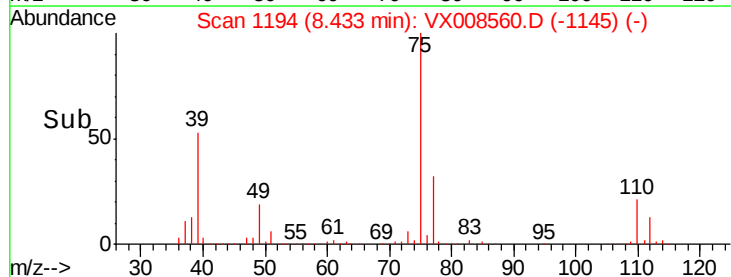
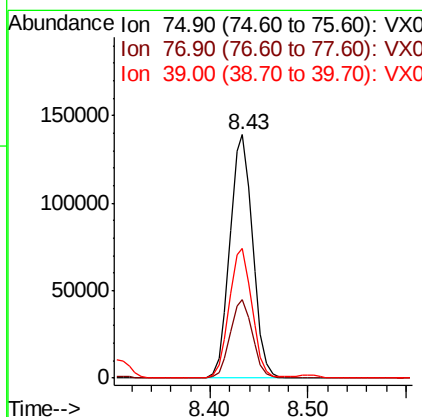
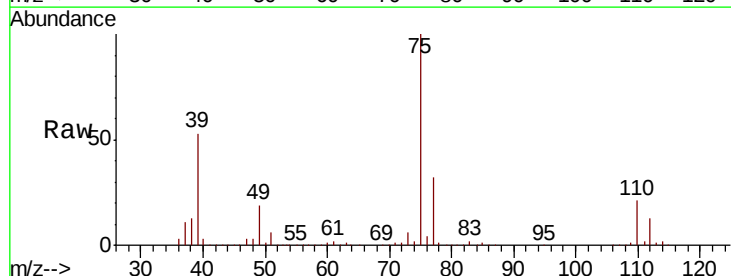
Instrument :
MSVOA_X
ClientSampleId :

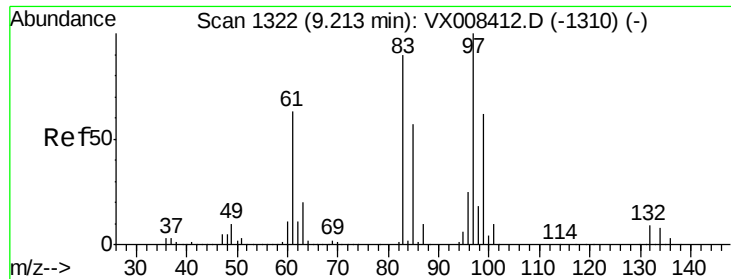
Tot Ion: 75 Resp: 205273
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 57.663 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 75 Resp: 224614
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 53.4 42.4 63.6

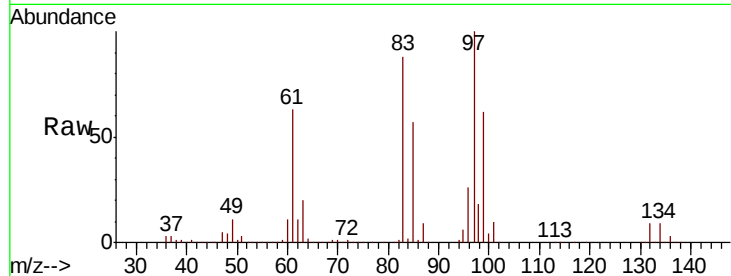




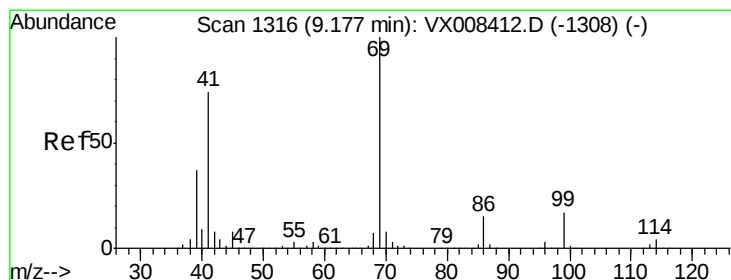
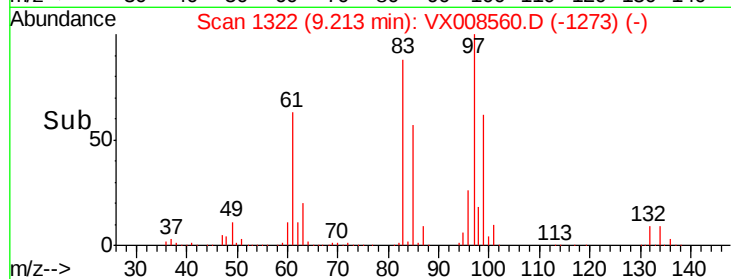
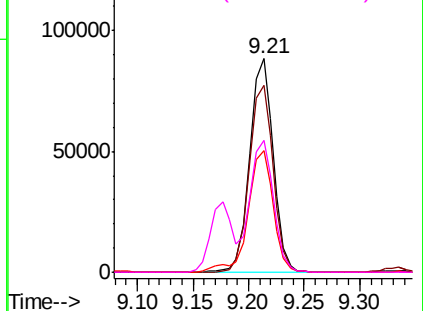
#55
 1,1,2-Trichloroethane
 Concen: 54.242 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	129967
Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.8	107.6
85	56.9	45.9	68.9
99	61.8	49.4	74.0

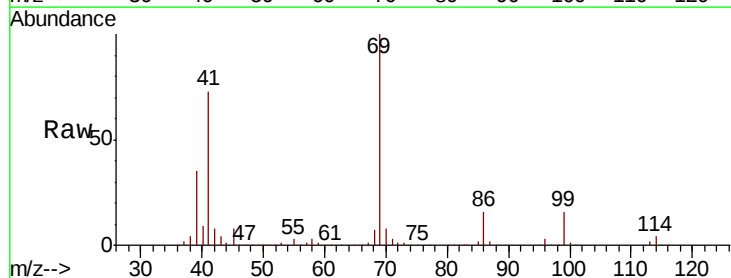


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

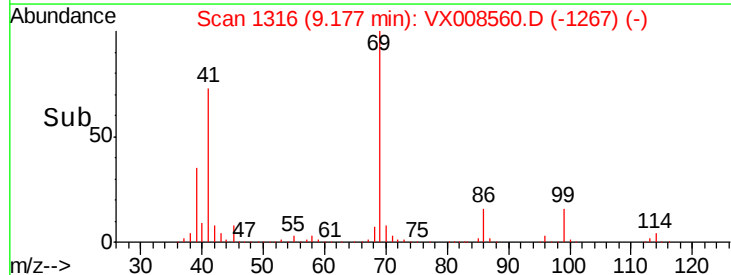
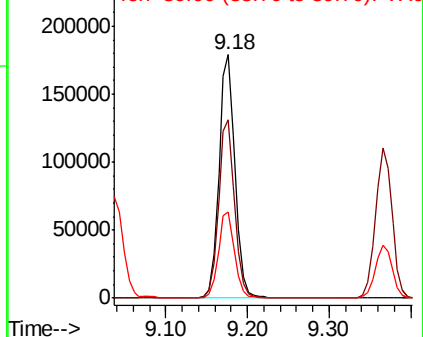


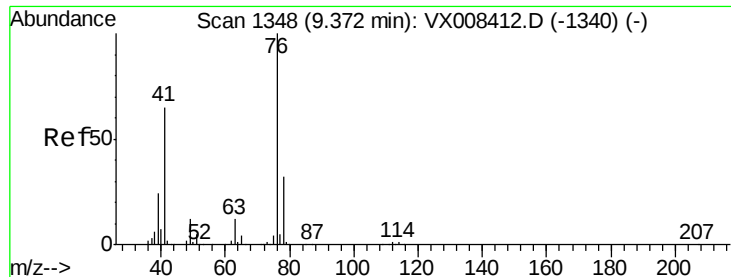
#56
 Ethyl methacrylate
 Concen: 56.775 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion:	69	Resp:	245556
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.5	89.3
39	35.7	29.3	43.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.891 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

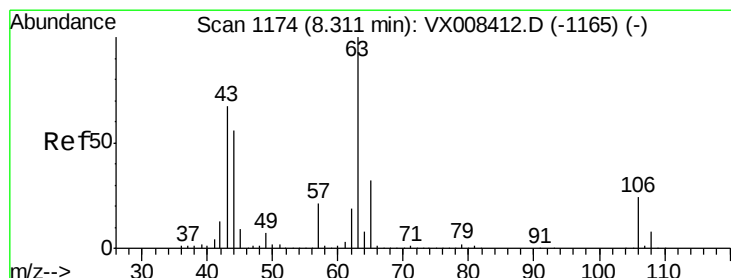
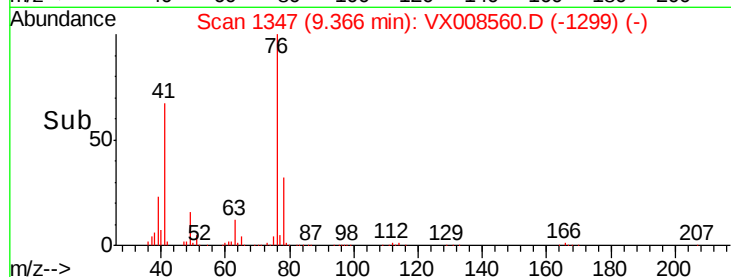
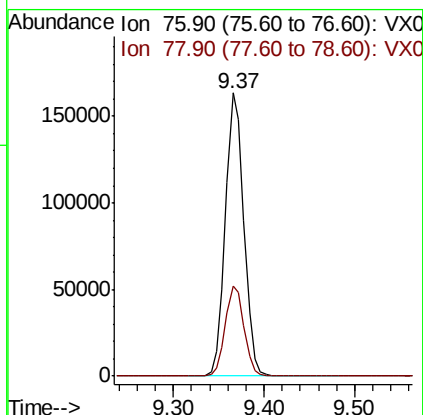
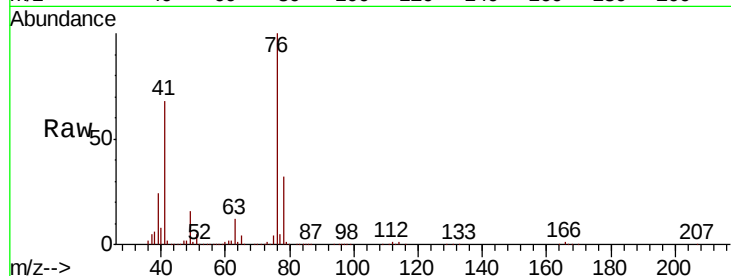
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 231510

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 353.238 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008560.D

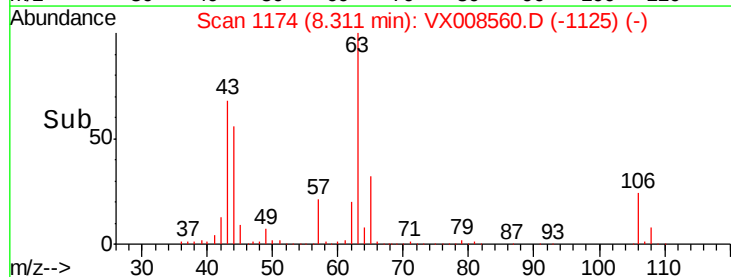
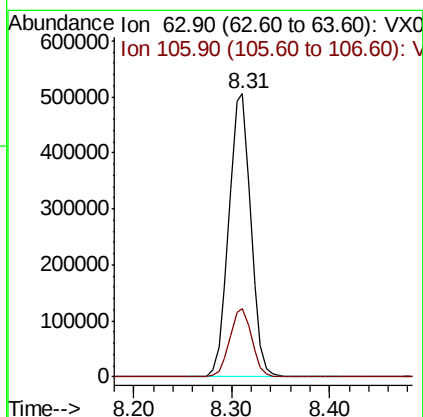
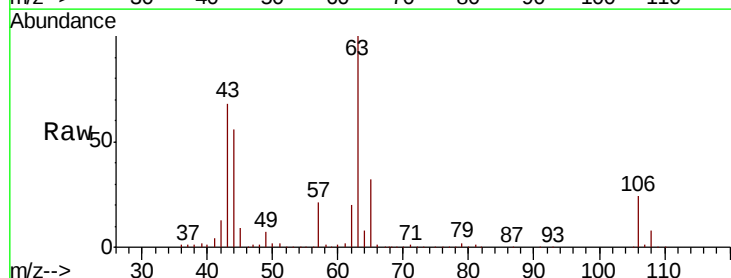
Acq: 01 Apr 2019 11:09

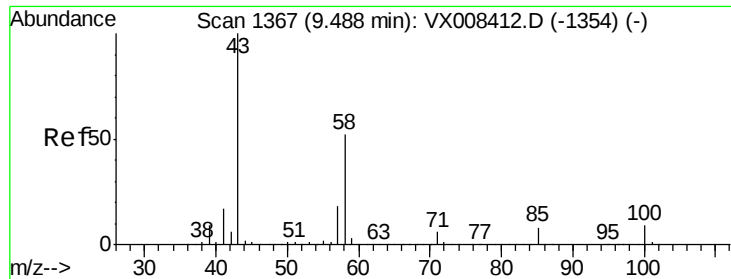
Tgt Ion: 63 Resp: 789734

Ion Ratio Lower Upper

63 100

106 24.1 19.0 28.6

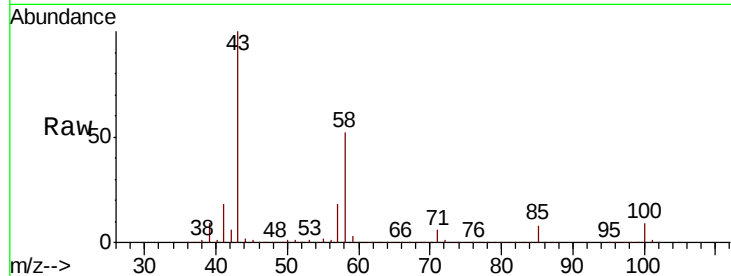




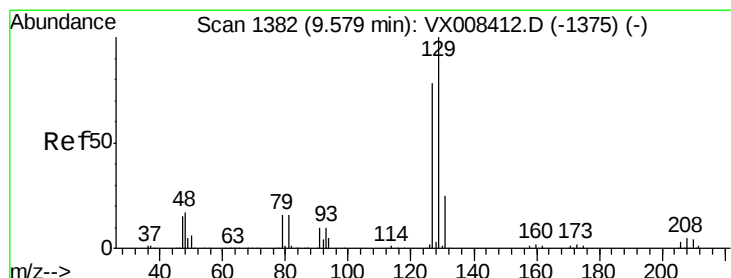
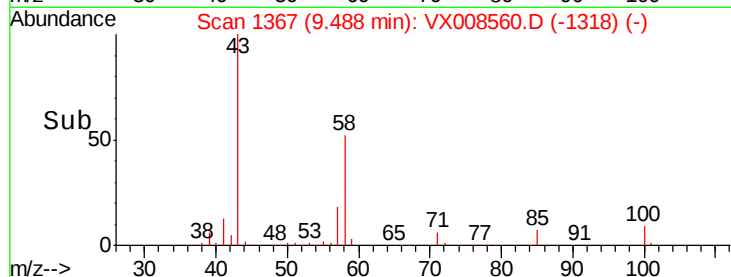
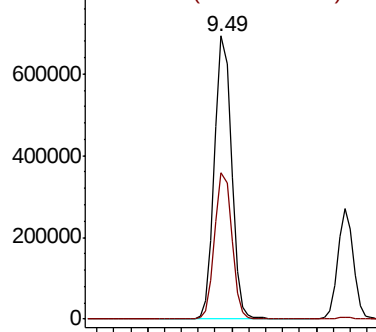
#59
2-Hexanone
Concen: 272.676 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 935044
Ion Ratio Lower Upper
43 100
58 52.3 26.3 78.9

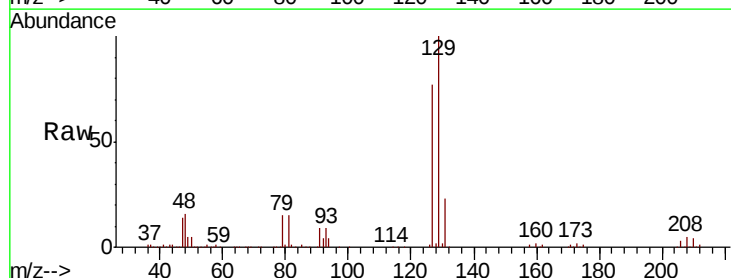


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

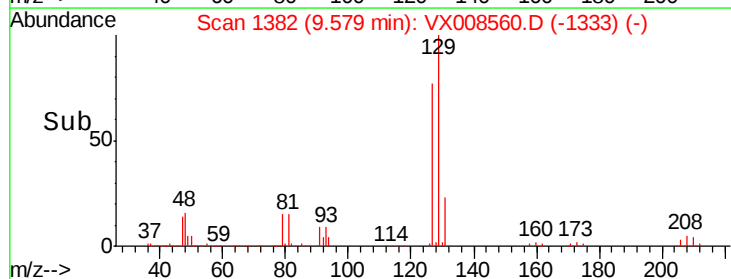
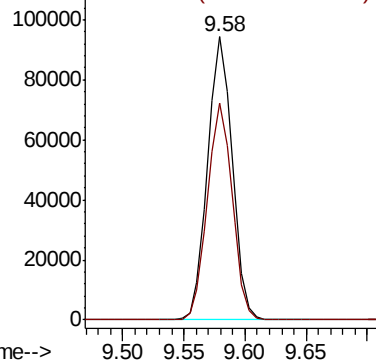


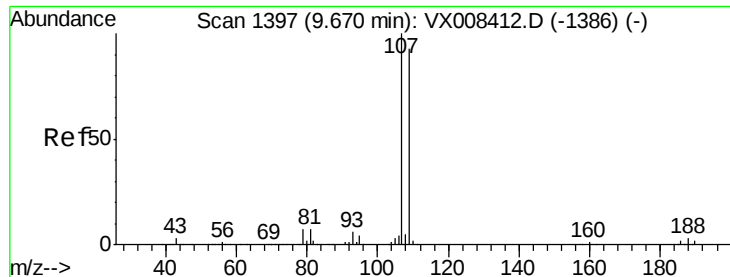
#60
Dibromochloromethane
Concen: 57.722 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:129 Resp: 131529
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 54.790 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

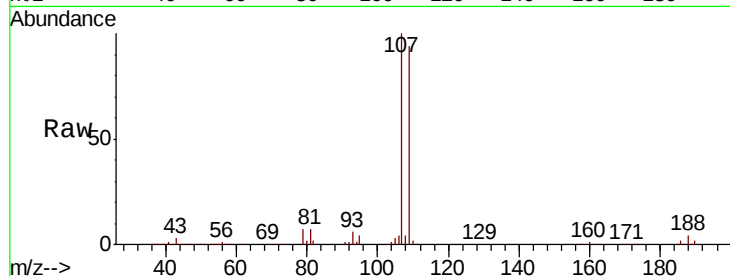
ClientSampled :

Tot Ion: 107 Resp: 133973

Ion Ratio Lower Upper

107 100

109 94.1 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

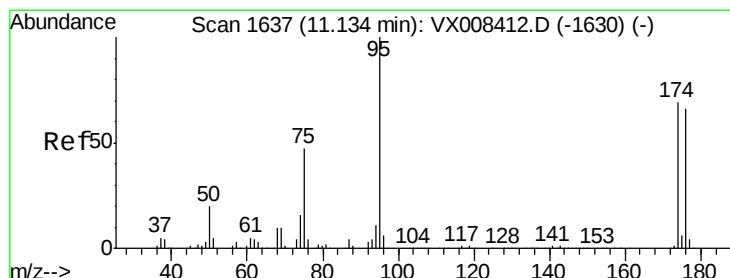
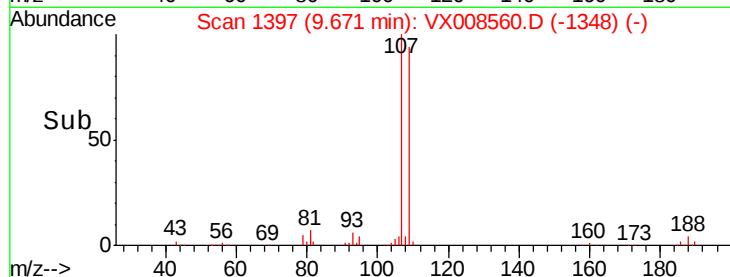
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

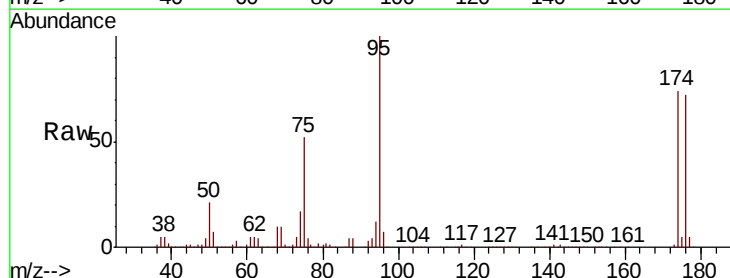
Tgt Ion: 95 Resp: 155179

Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.2

176 74.0 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

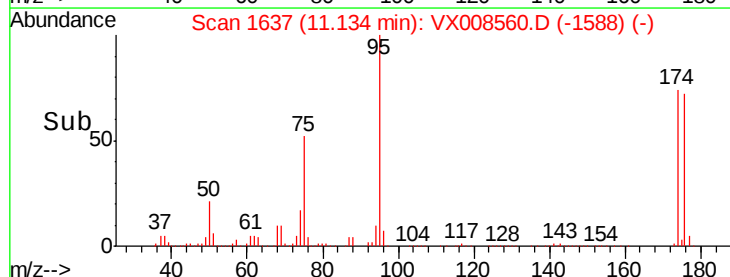
150000

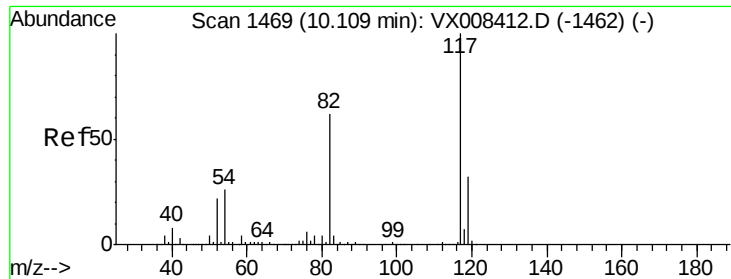
100000

50000

0

Time--> 11.10 11.20

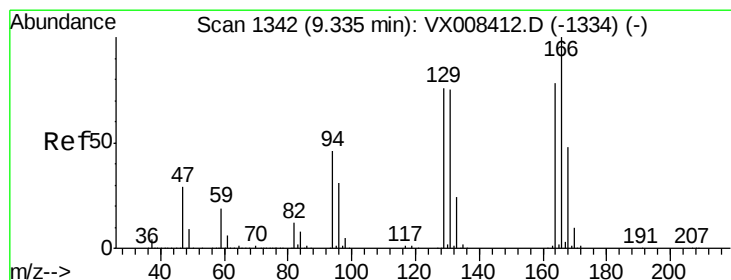
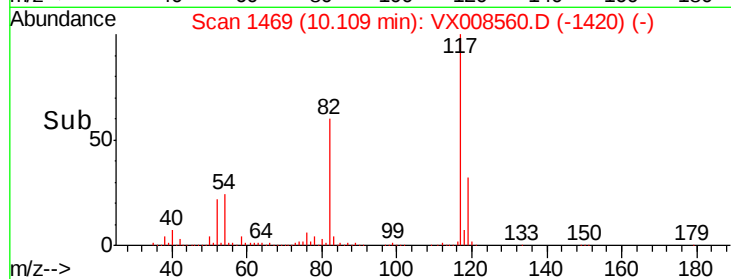
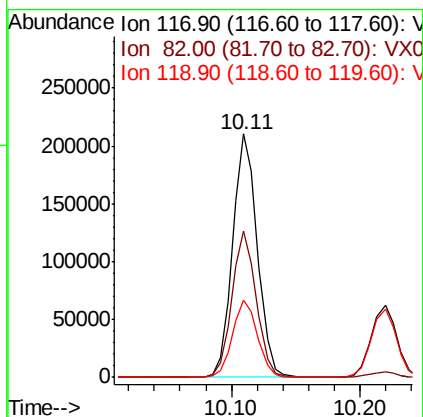
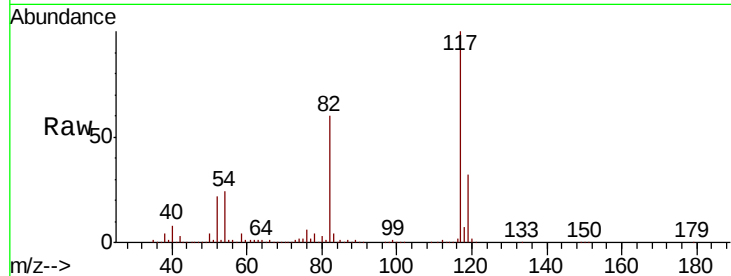




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

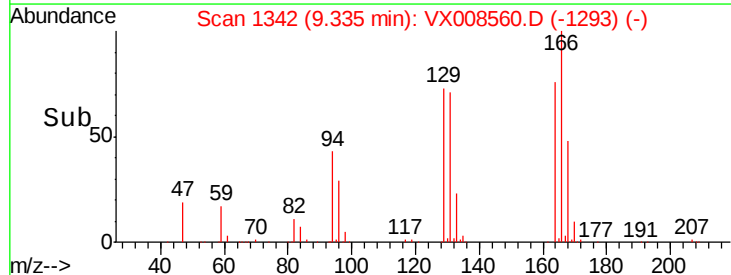
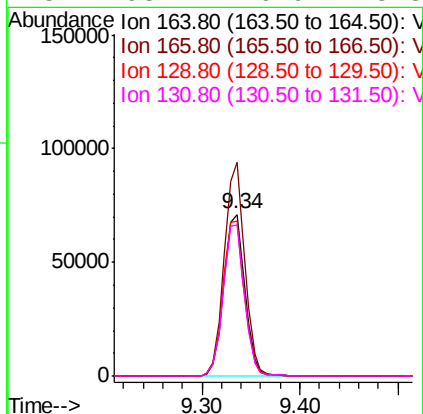
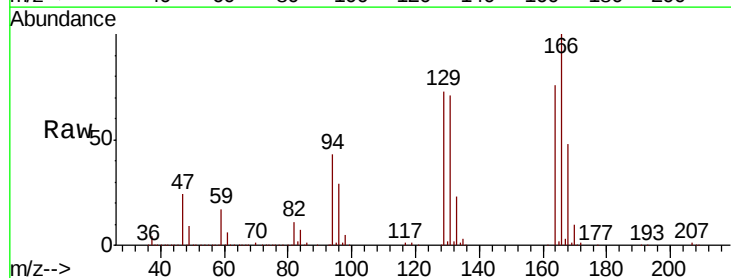
Instrument :
MSVOA_X
ClientSampleId :

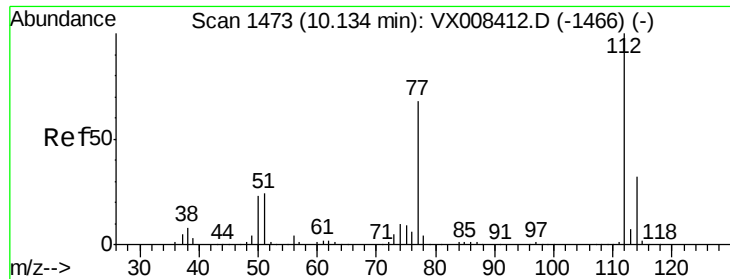
Tot Ion:117 Resp: 280456
Ion Ratio Lower Upper
117 100
82 60.2 49.4 74.2
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 56.220 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:164 Resp: 106744
Ion Ratio Lower Upper
164 100
166 132.3 102.5 153.7
129 96.3 77.8 116.8
131 93.7 76.9 115.3

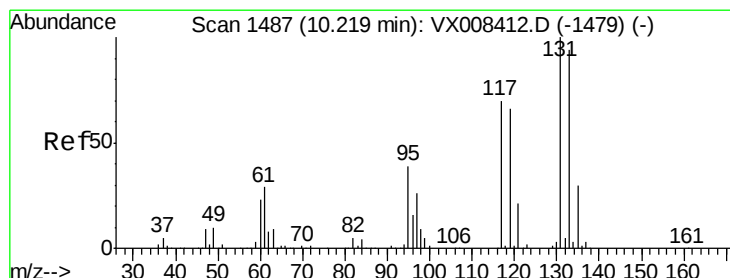
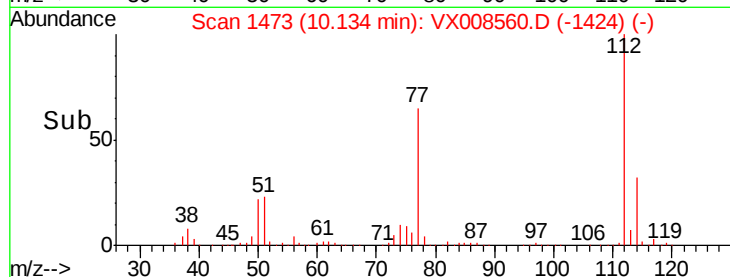
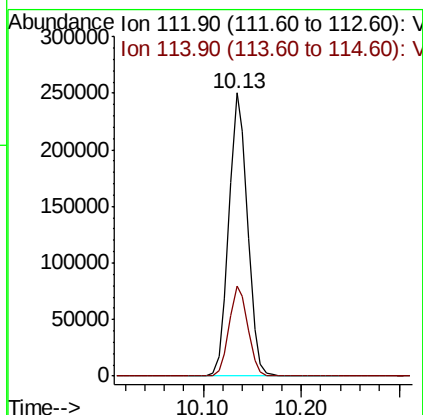
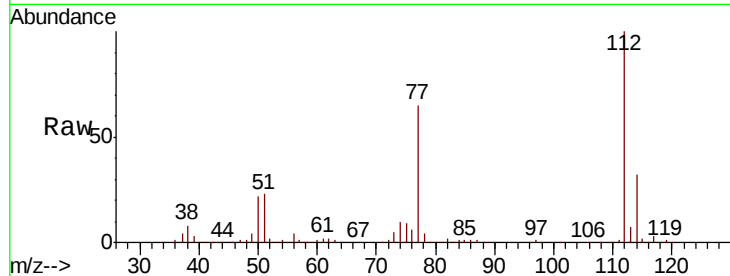




#65
Chlorobenzene
Concen: 54.538 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

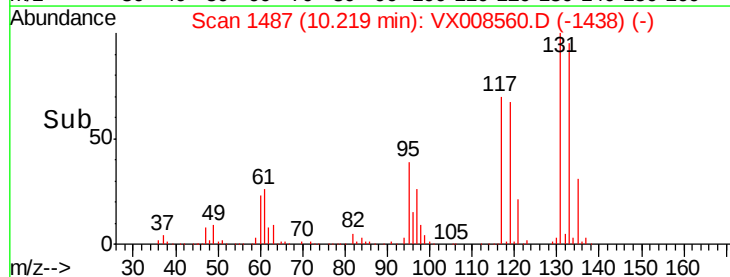
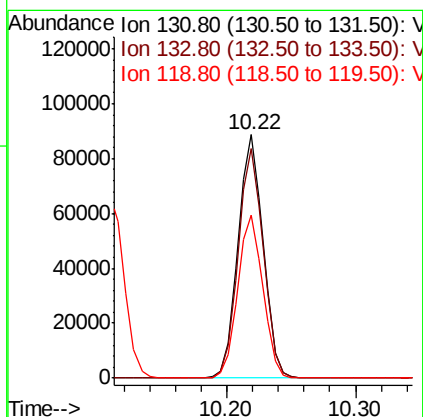
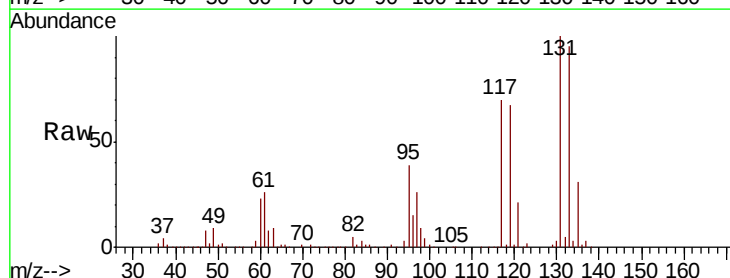
Instrument :
MSVOA_X
ClientSampled :

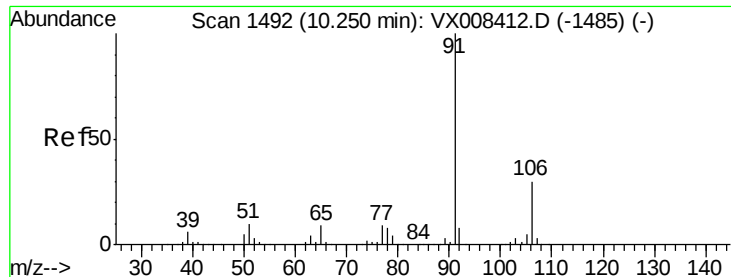
Tot Ion:112 Resp: 332630
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.597 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:131 Resp: 119094
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 67.5 33.6 100.6





#67

Ethyl Benzene

Concen: 54.407 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

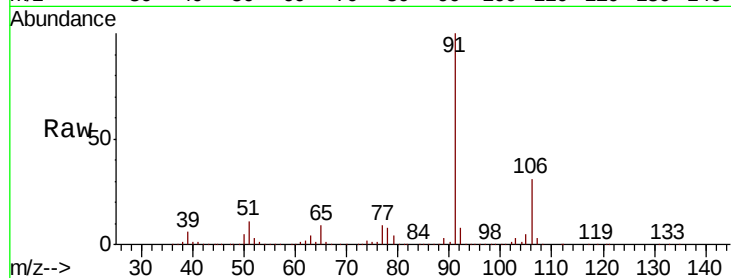
ClientSampleId :

Tot Ion: 91 Resp: 626266

Ion Ratio Lower Upper

91 100

106 30.6 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX008412.D (-1485) (-)

800000

600000

400000

200000

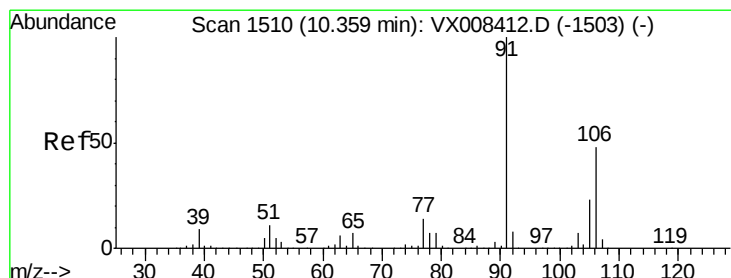
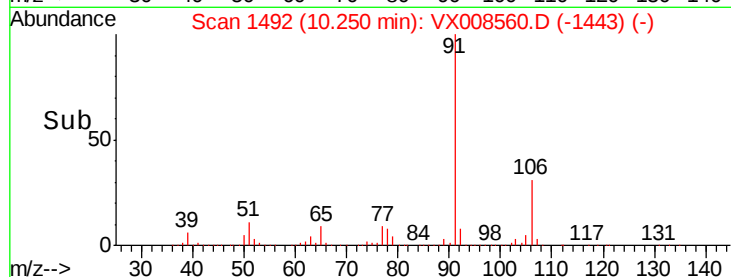
0

10.20

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 108.855 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008560.D

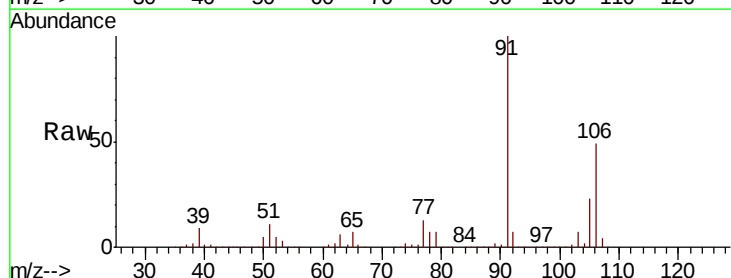
Acq: 01 Apr 2019 11:09

Tgt Ion: 106 Resp: 455834

Ion Ratio Lower Upper

106 100

91 209.9 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): VX008412.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX008412.D (-1503) (-)

800000

600000

400000

200000

0

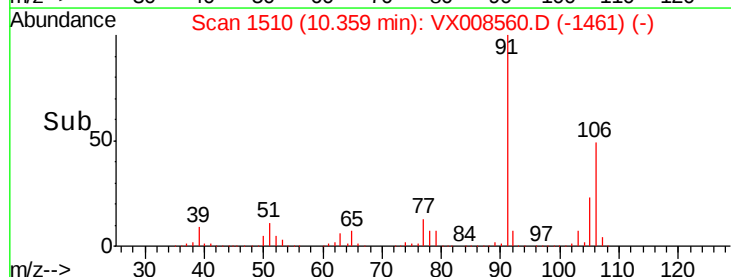
10.30

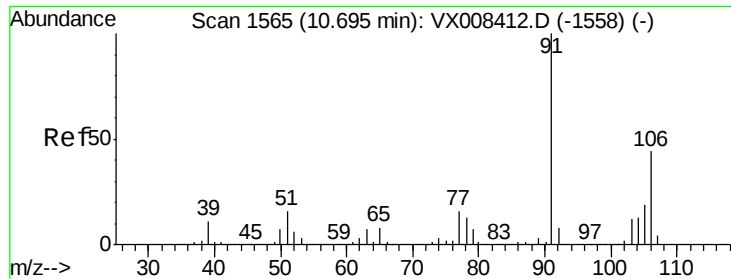
10.36

10.40

10.50

Time-->

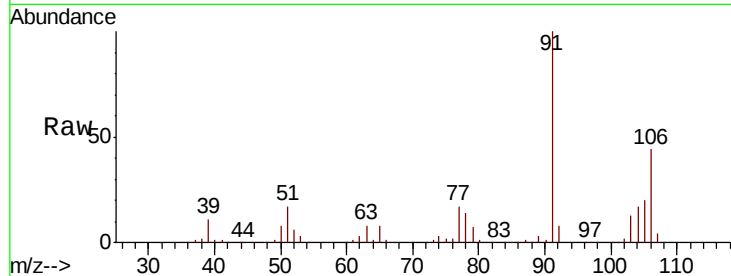




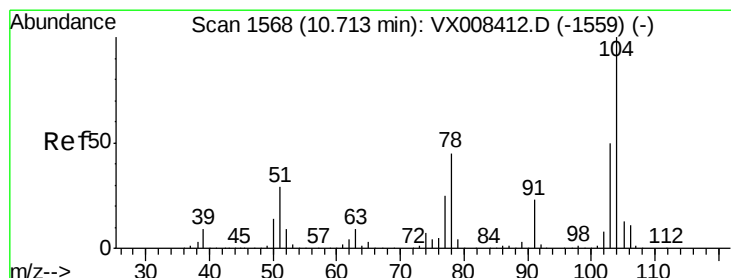
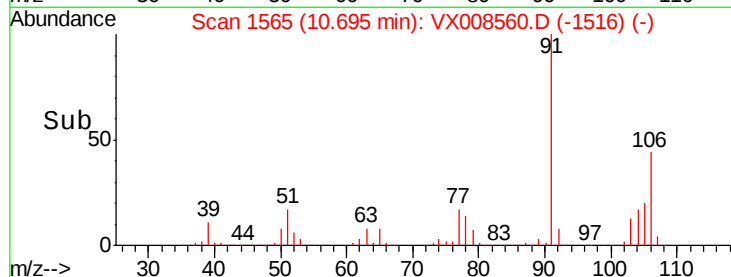
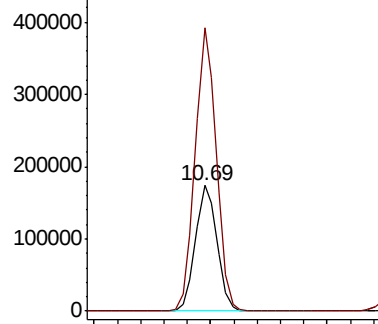
#69
o-Xylene
Concen: 54.681 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 222208
Ion Ratio Lower Upper
106 100
91 221.1 111.4 334.2

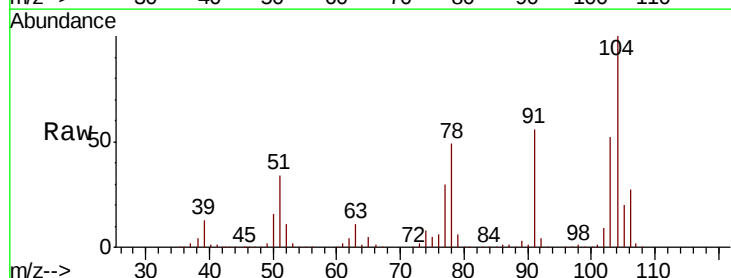


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

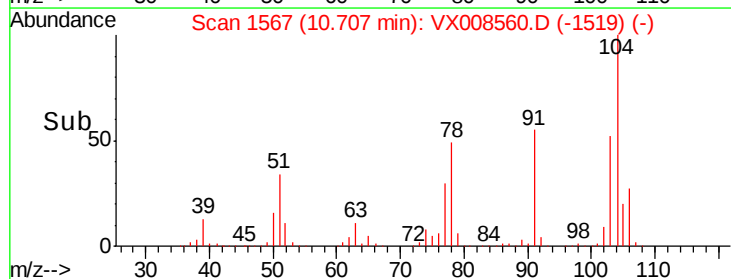
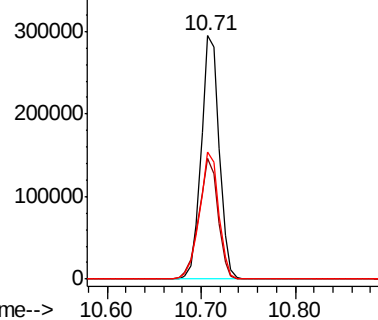


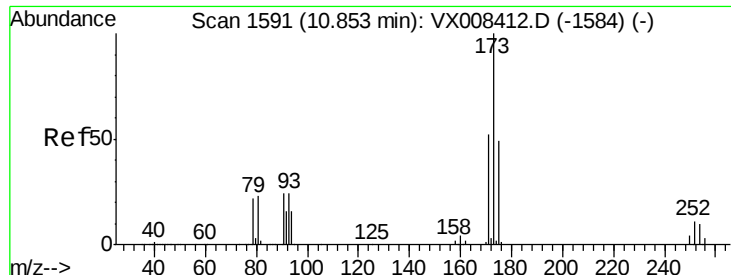
#70
Styrene
Concen: 55.689 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:104 Resp: 390908
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 58.229 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

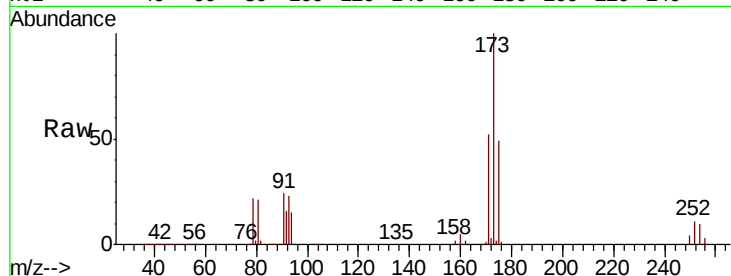
Tot Ion:173 Resp: 96764

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

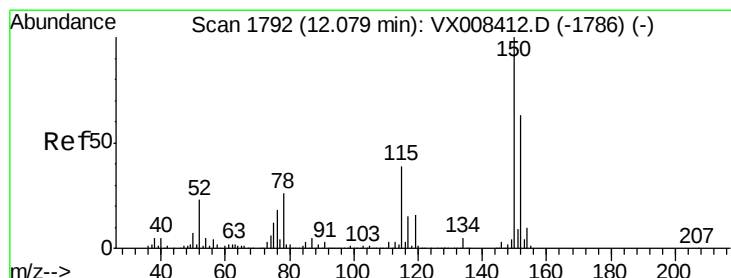
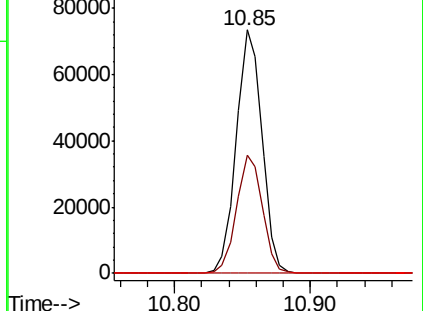
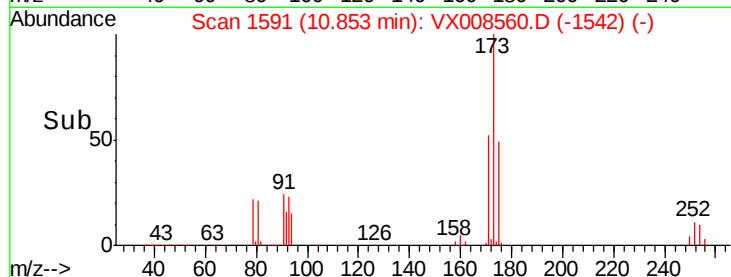
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

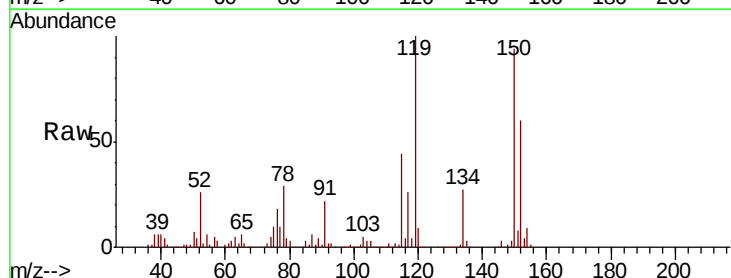
Tgt Ion:152 Resp: 132870

Ion Ratio Lower Upper

152 100

115 91.0 43.5 130.5

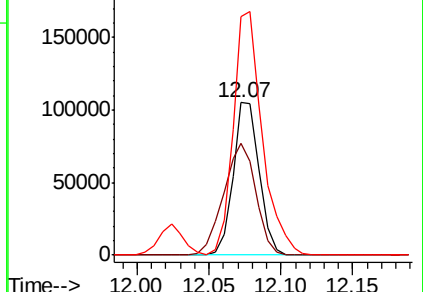
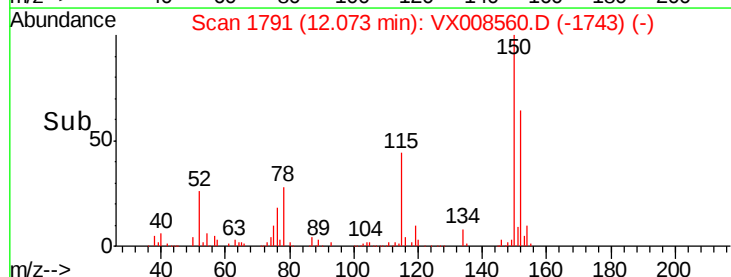
150 177.1 0.0 348.8

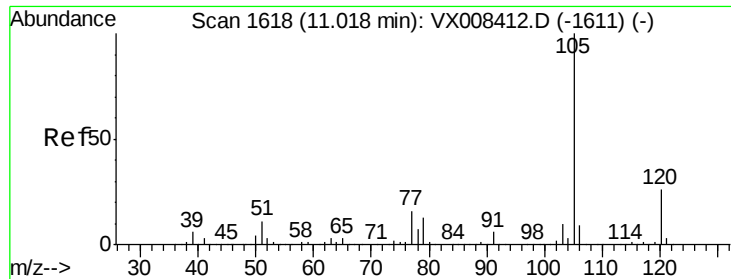


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.263 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

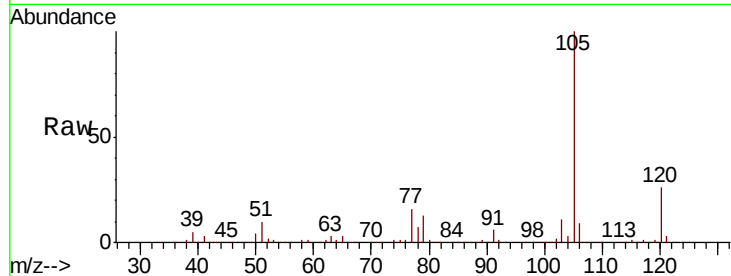
ClientSampleId :

Tot Ion:105 Resp: 597368

Ion Ratio Lower Upper

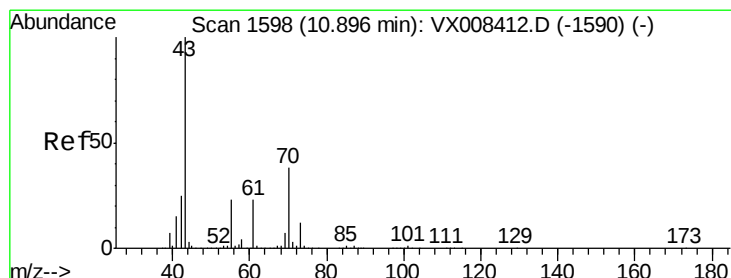
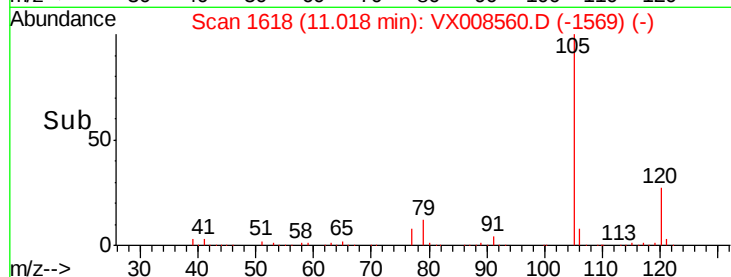
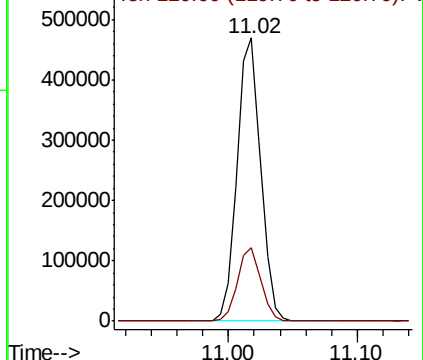
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.989 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion: 43 Resp: 337794

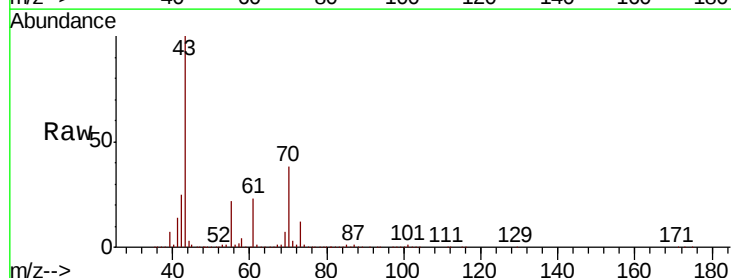
Ion Ratio Lower Upper

43 100

70 38.0 30.5 45.7

55 22.6 18.2 27.2

61 23.0 18.4 27.6

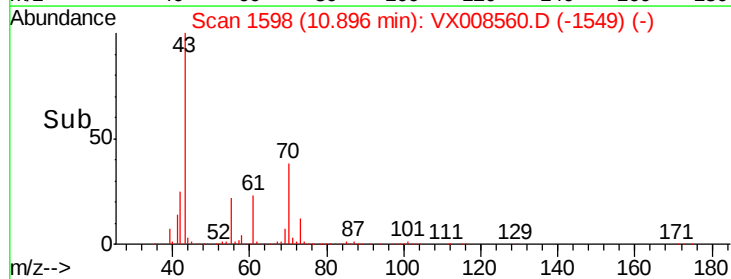
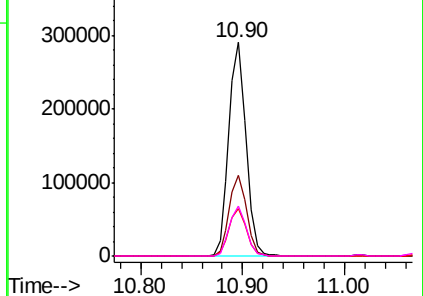


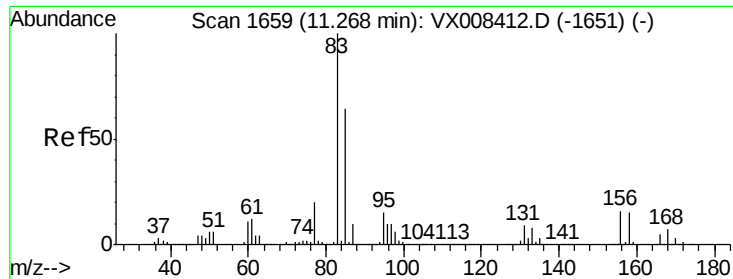
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.975 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

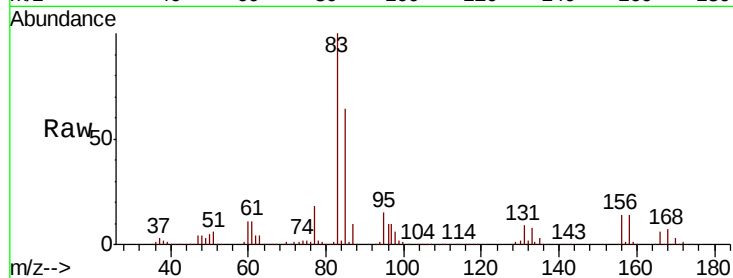
Tot Ion: 83 Resp: 213795

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.4

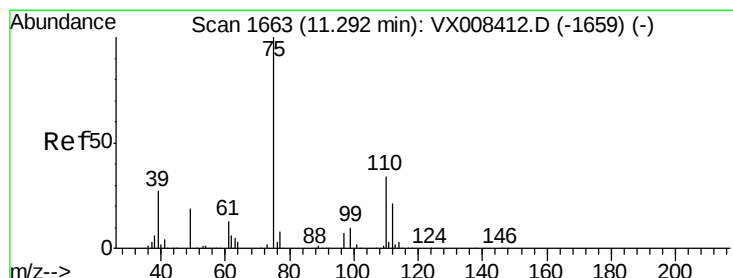
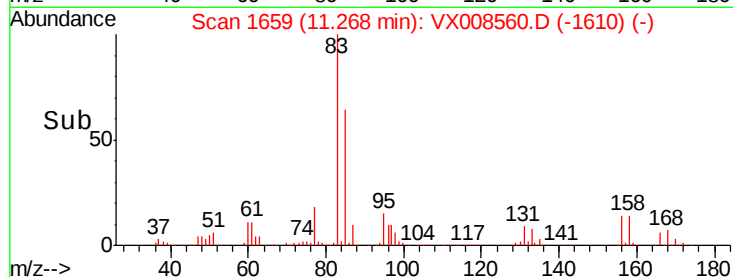
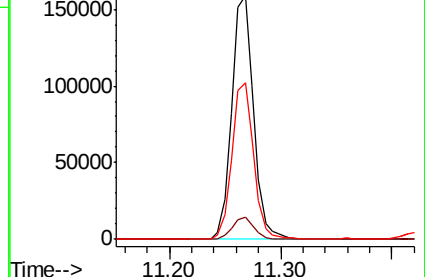
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.843 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008560.D

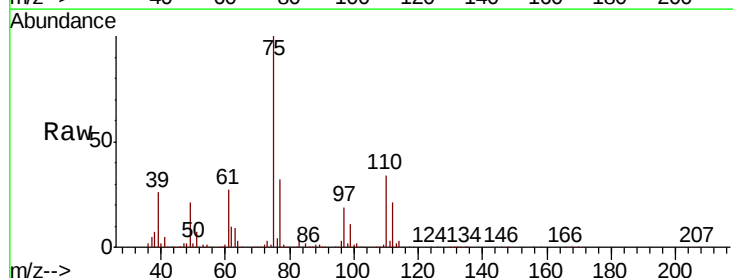
Acq: 01 Apr 2019 11:09

Tgt Ion: 75 Resp: 256138

Ion Ratio Lower Upper

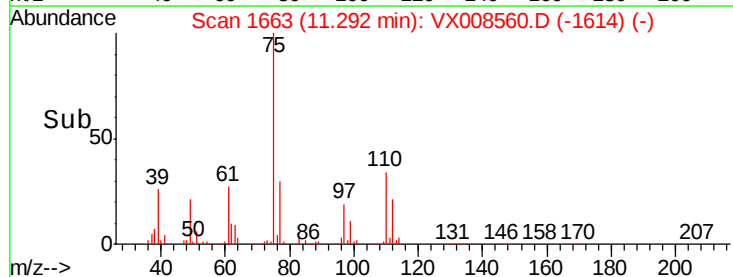
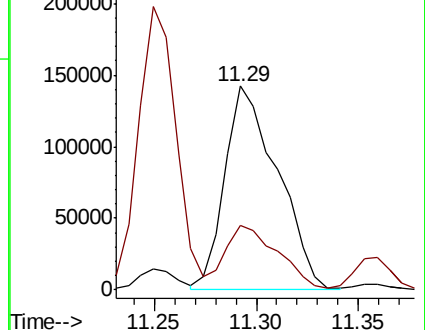
75 100

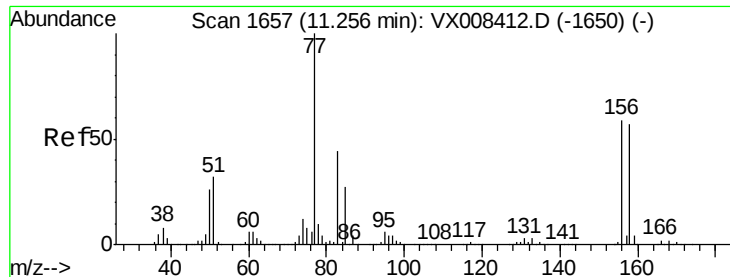
77 31.7 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.566 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampled :

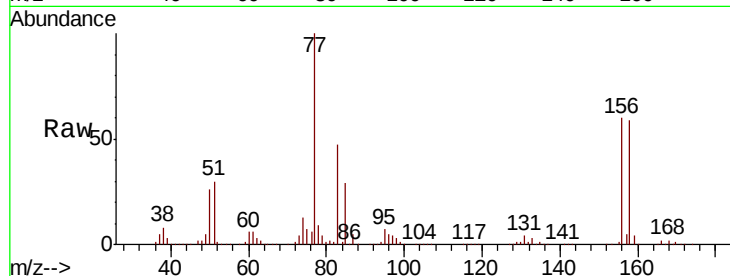
Tot Ion:156 Resp: 140531

Ion Ratio Lower Upper

156 100

77 180.6 91.1 273.3

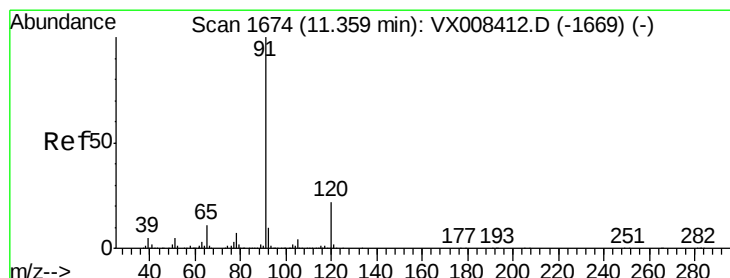
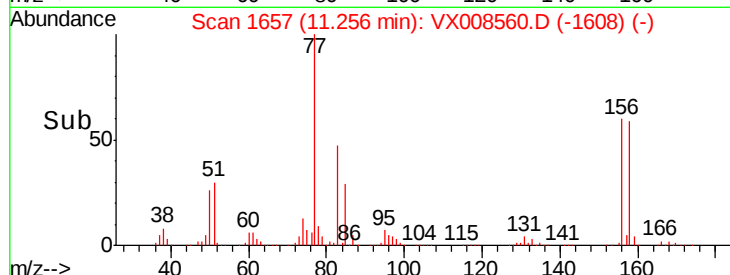
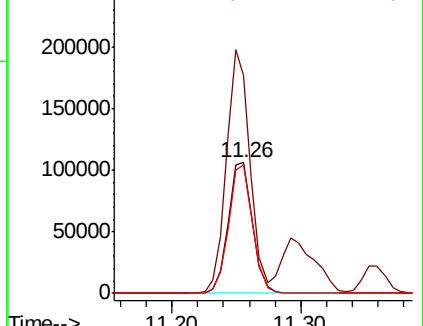
158 96.6 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.956 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008560.D

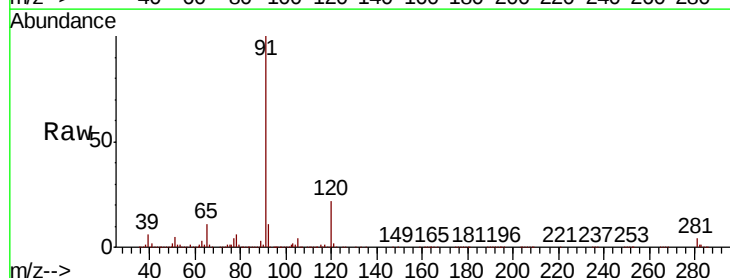
Acq: 01 Apr 2019 11:09

Tgt Ion: 91 Resp: 708556

Ion Ratio Lower Upper

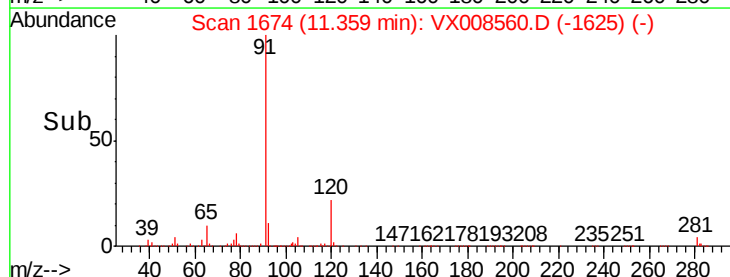
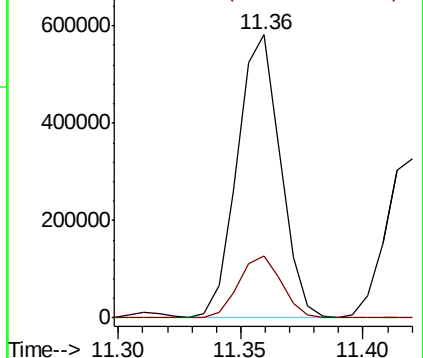
91 100

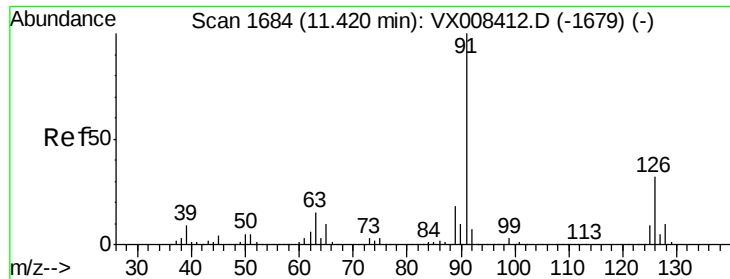
120 21.9 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.084 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

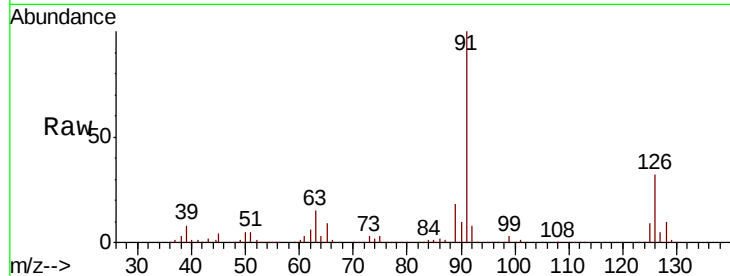
ClientSampleId :

Tot Ion: 91 Resp: 416549

Ion Ratio Lower Upper

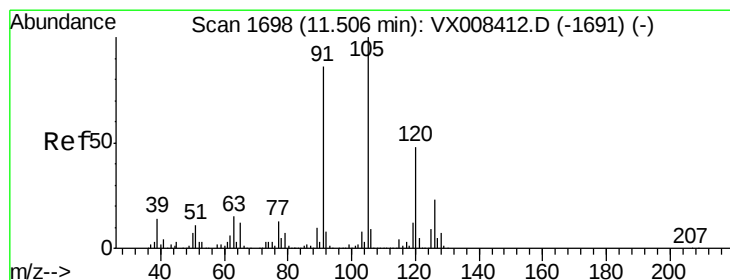
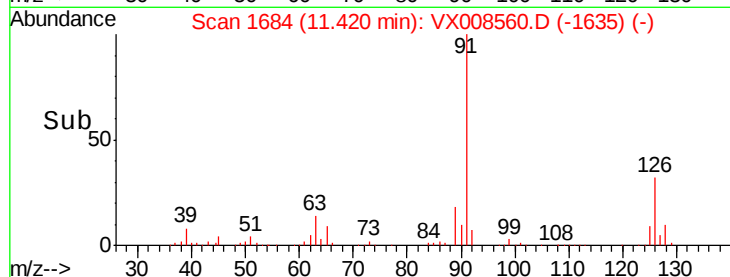
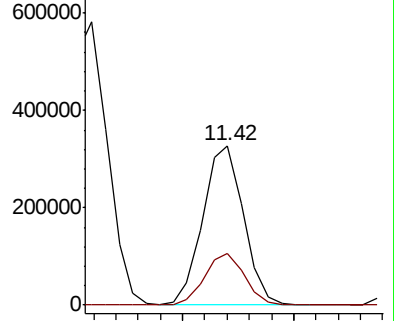
91 100

126 31.7 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.235 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008560.D

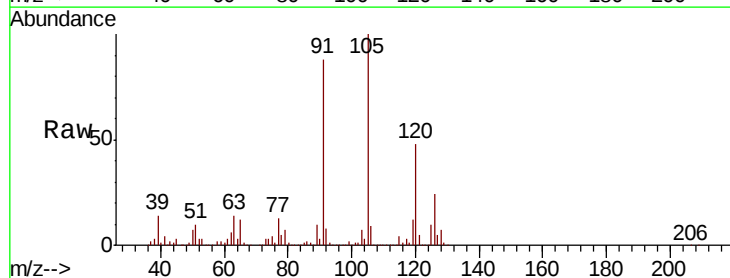
Acq: 01 Apr 2019 11:09

Tgt Ion:105 Resp: 504778

Ion Ratio Lower Upper

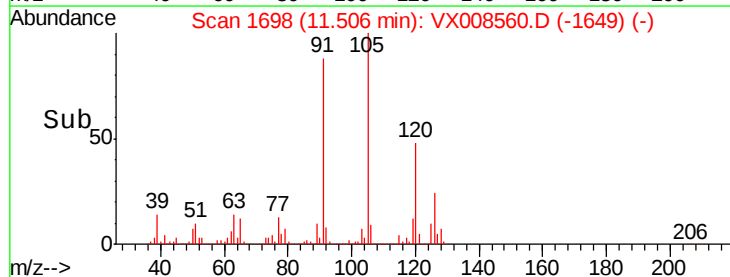
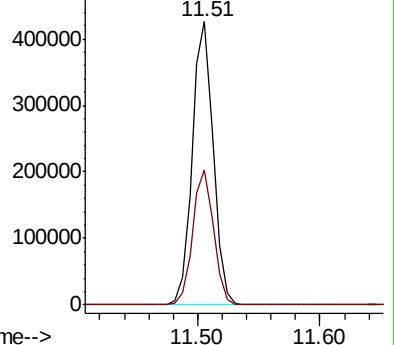
105 100

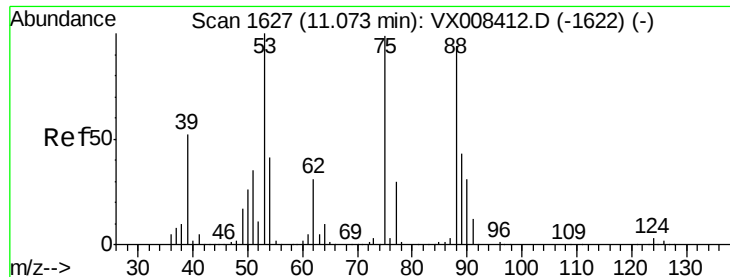
120 47.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 61.230 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

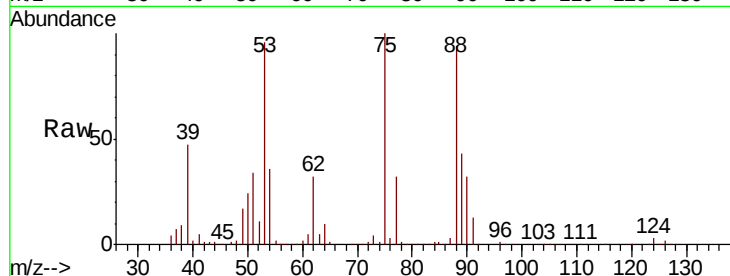
Tot Ion: 75 Resp: 75516

Ion Ratio Lower Upper

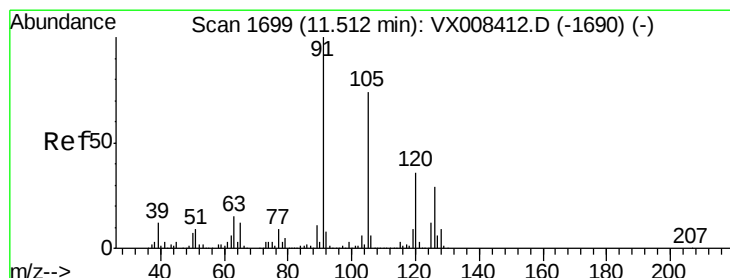
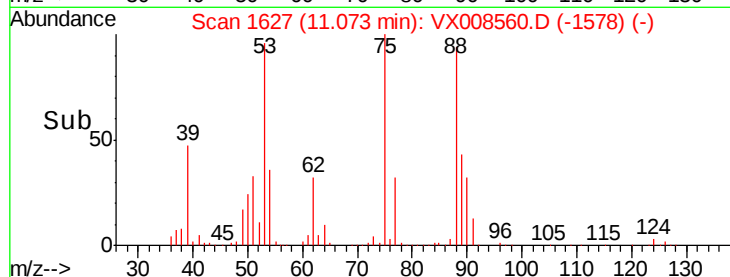
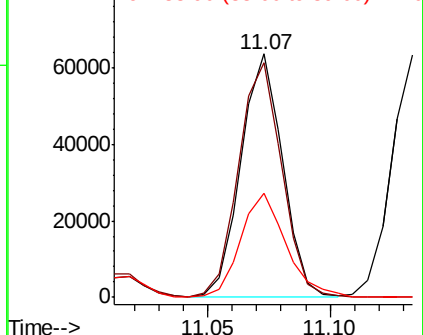
75 100

53 99.8 82.1 123.1

89 46.9 34.6 52.0



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



#82

4-Chlorotoluene

Concen: 54.401 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008560.D

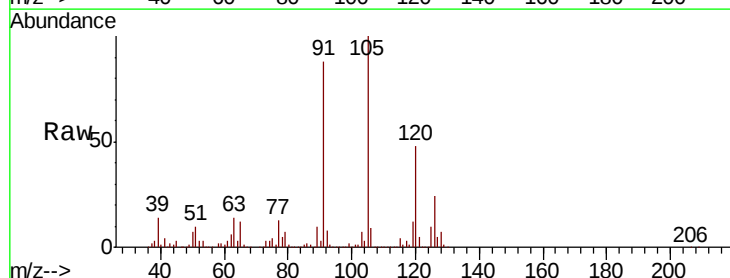
Acq: 01 Apr 2019 11:09

Tgt Ion: 91 Resp: 483313

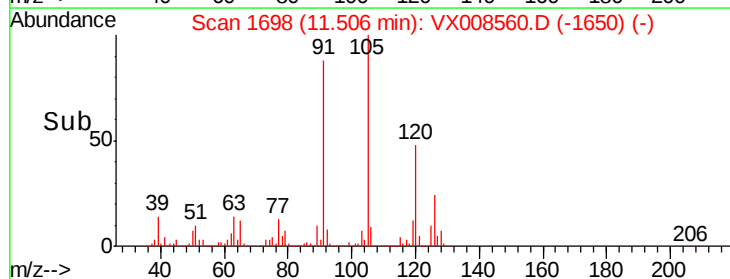
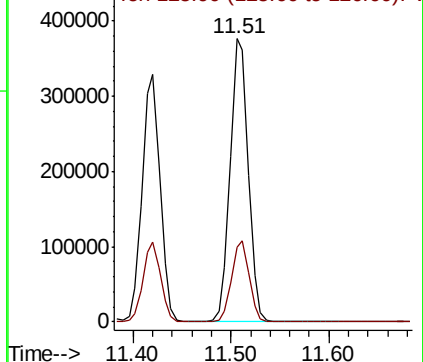
Ion Ratio Lower Upper

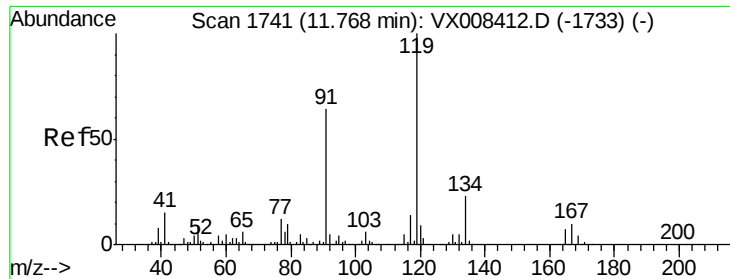
91 100

126 28.1 13.9 41.7



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

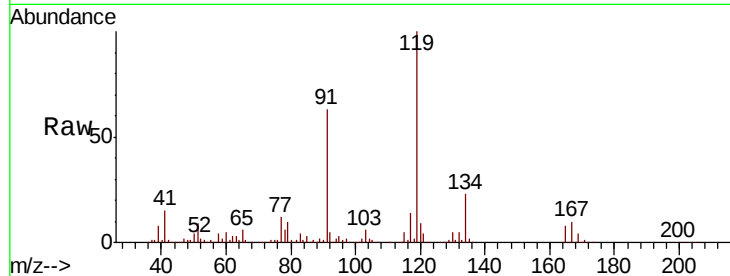




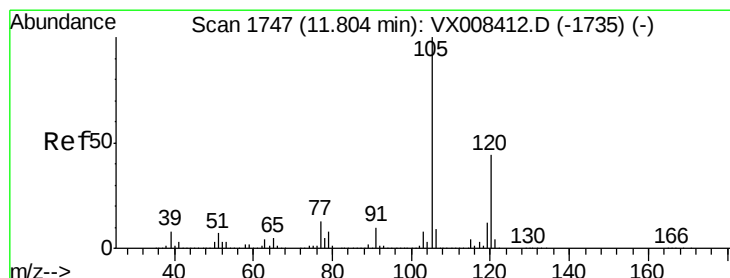
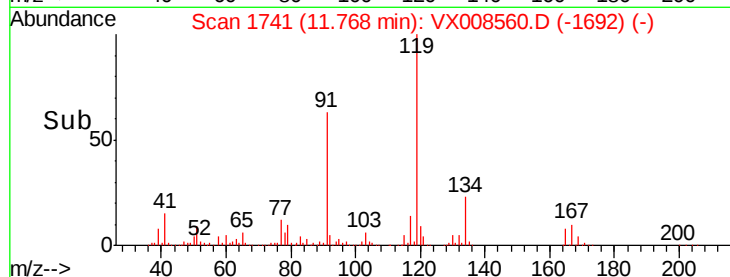
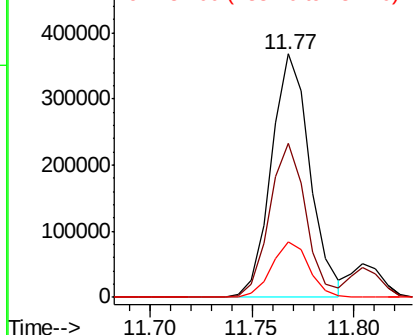
#83
tert-Butylbenzene
Concen: 54.874 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 483828
Ion Ratio Lower Upper
119 100
91 60.2 30.1 90.3
134 22.2 10.9 32.9

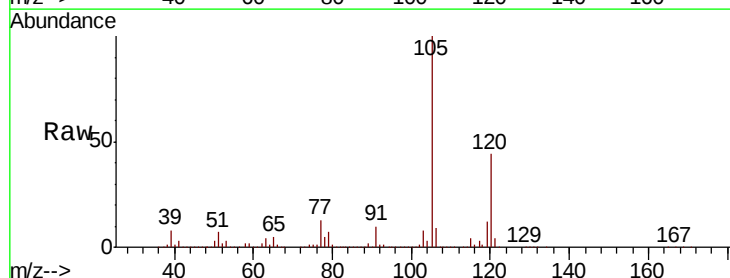


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

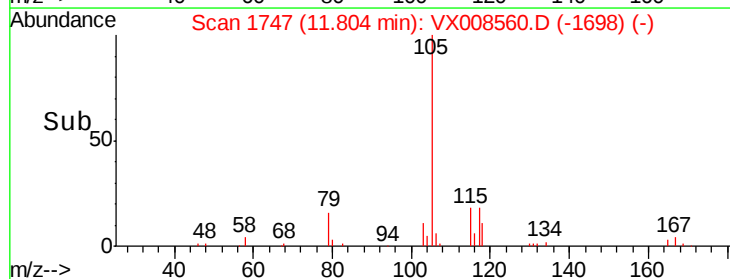
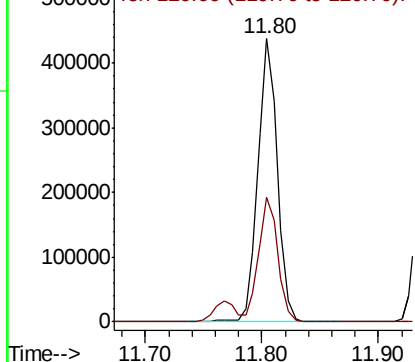


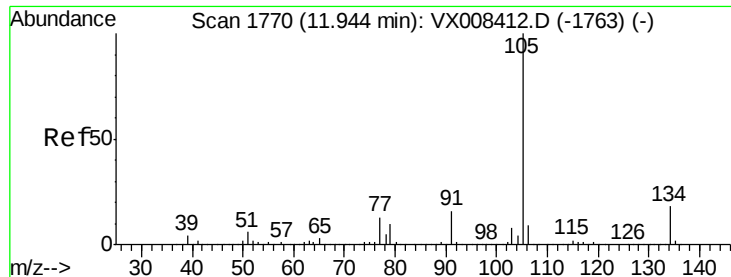
#84
1,2,4-Trimethylbenzene
Concen: 55.031 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion:105 Resp: 508667
Ion Ratio Lower Upper
105 100
120 43.2 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 56.352 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

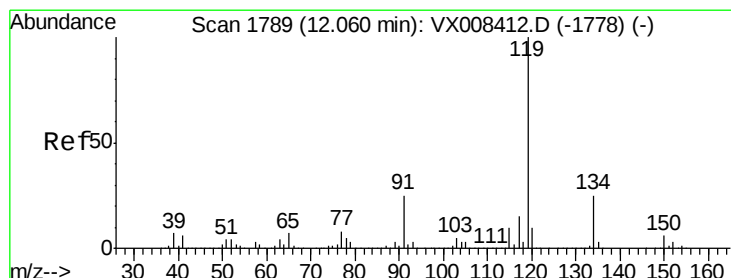
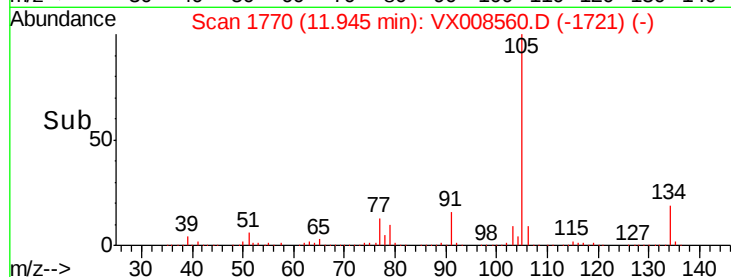
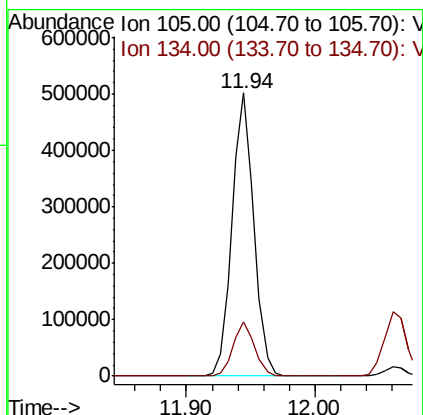
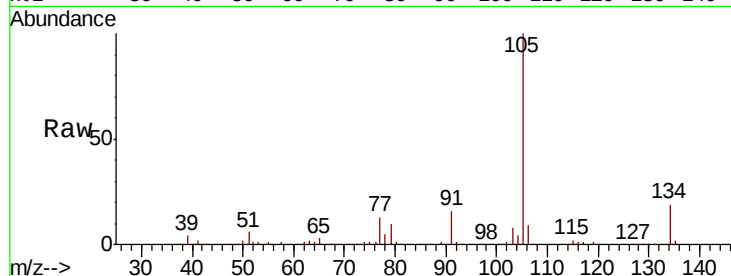
ClientSampled :

Tot Ion:105 Resp: 591692

Ion Ratio Lower Upper

105 100

134 19.0 9.3 28.0



#86

p-Isopropyltoluene

Concen: 57.610 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

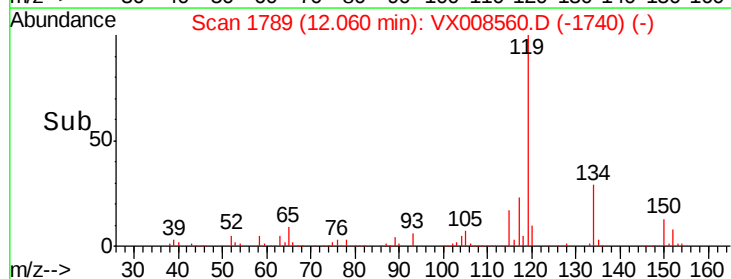
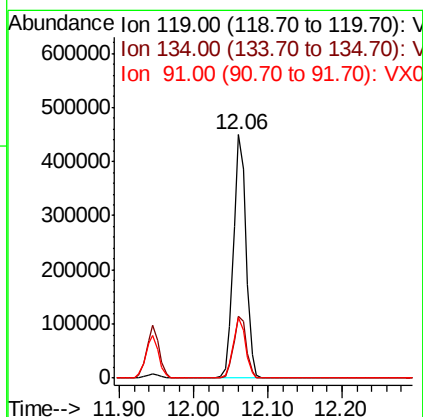
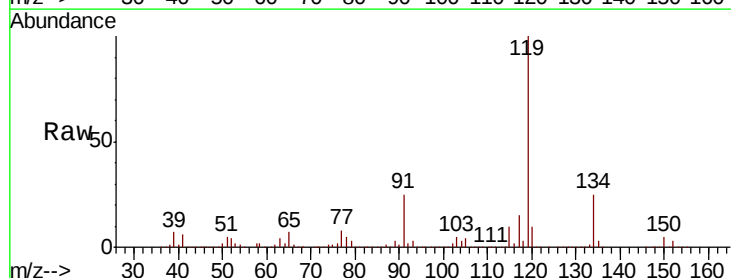
Tgt Ion:119 Resp: 533755

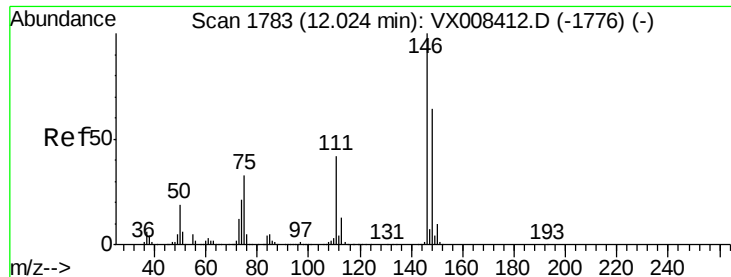
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.3 12.4 37.0

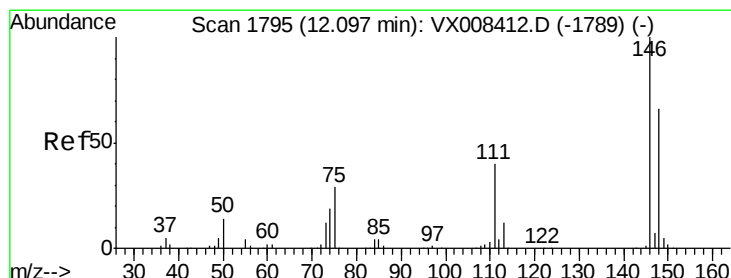
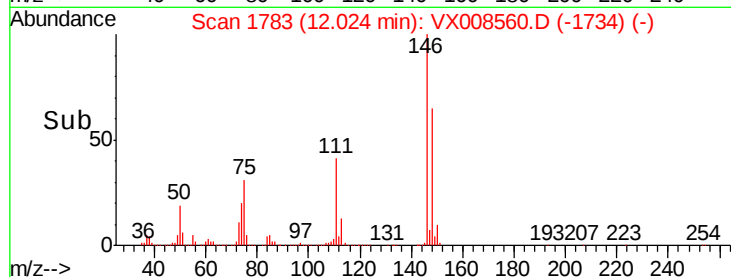
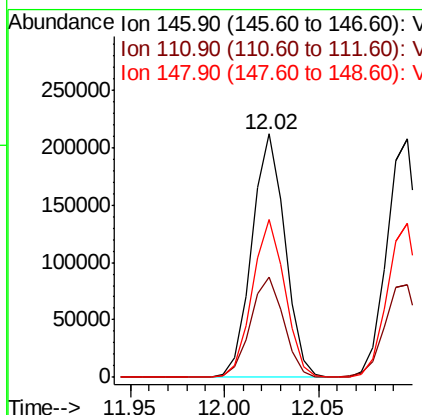
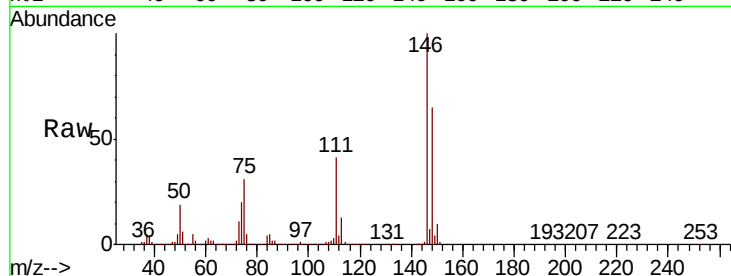




#87
 1,3-Dichlorobenzene
 Concen: 54.820 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

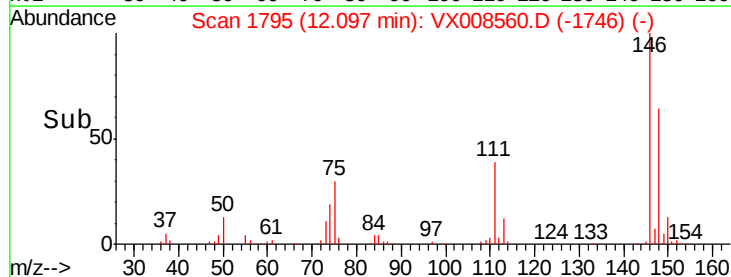
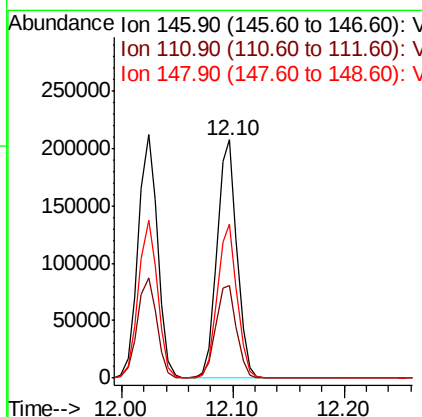
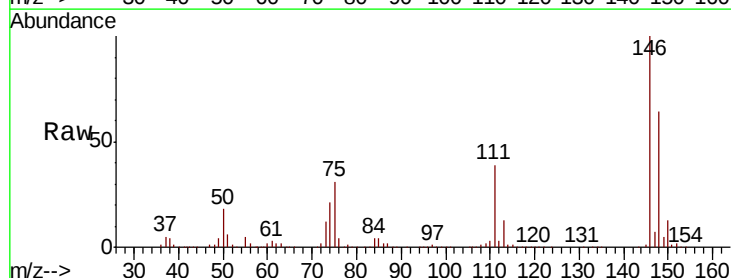
Instrument :
 MSVOA_X
 ClientSampleID :

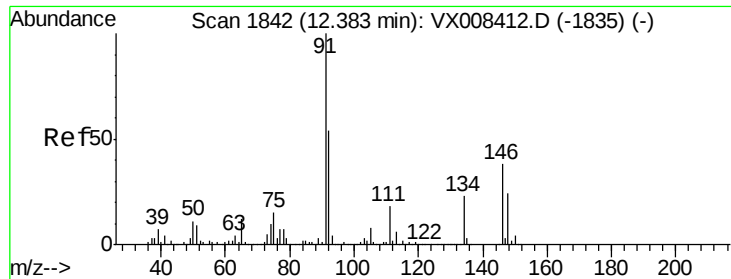
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	64.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 53.795 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	64.2	32.1	96.5

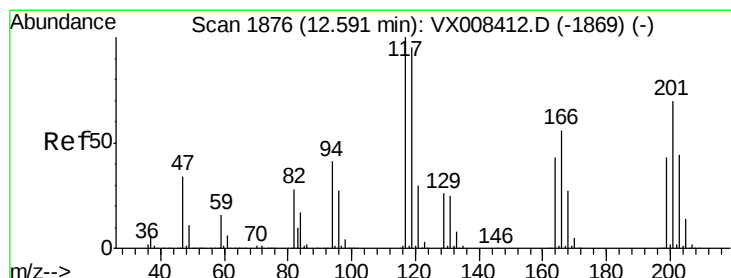
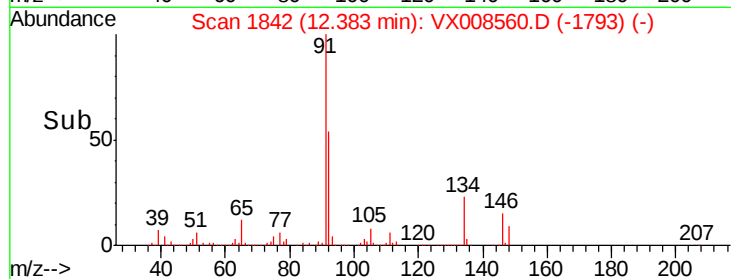
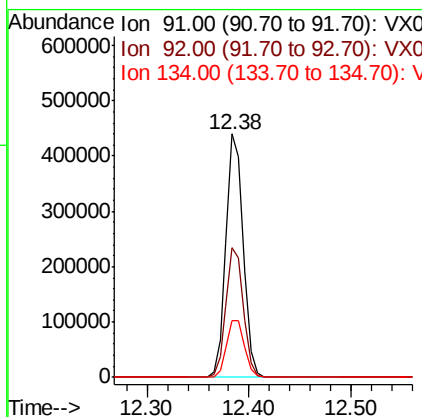
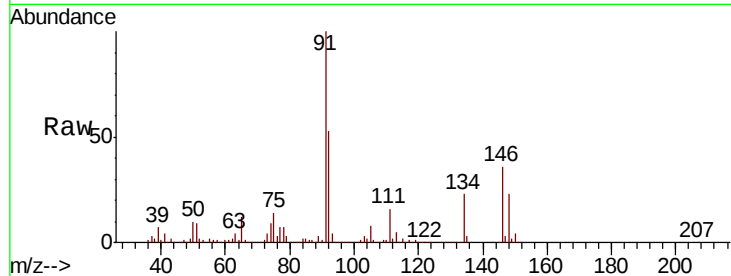




#89
n-Butylbenzene
Concen: 58.874 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

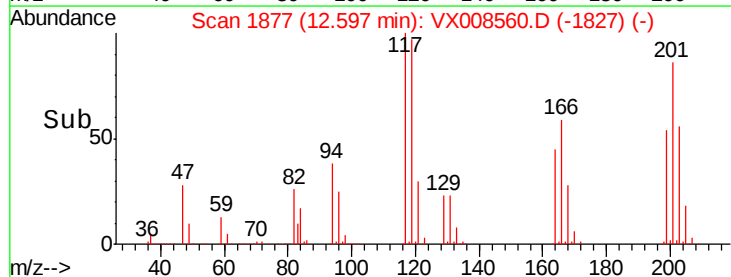
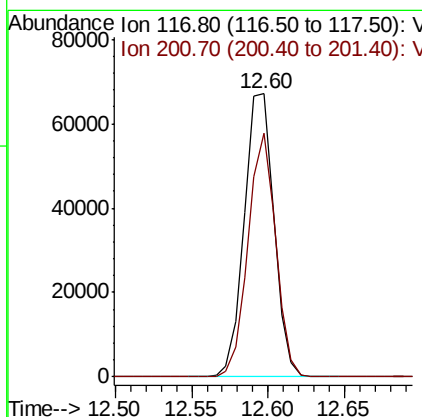
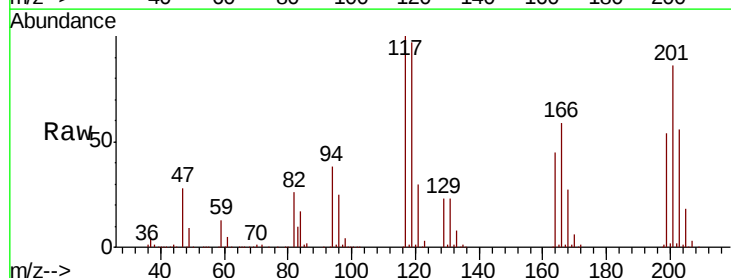
Instrument :
MSVOA_X
ClientSampled :

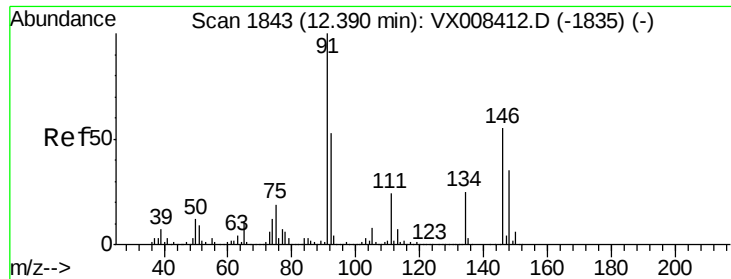
Tot Ion: 91 Resp: 516720
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 24.2 11.8 35.4



#90
Hexachloroethane
Concen: 58.869 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008560.D
Acq: 01 Apr 2019 11:09

Tgt Ion: 117 Resp: 90864
Ion Ratio Lower Upper
117 100
201 79.9 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 53.252 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

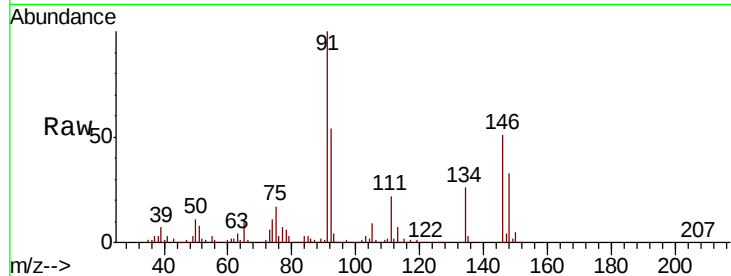
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146 Resp: 249967

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	64.5	31.9	95.7

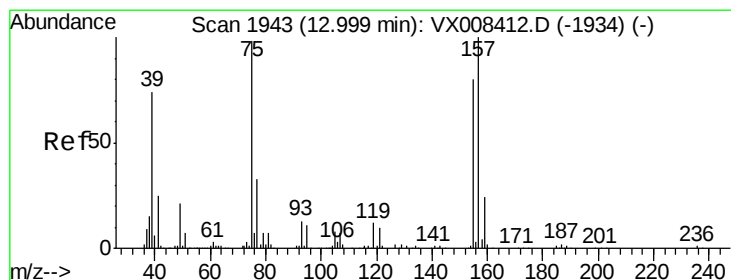
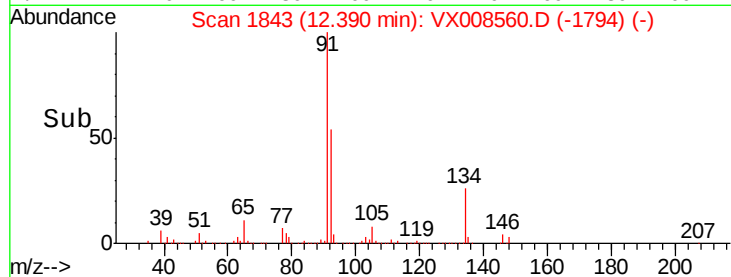
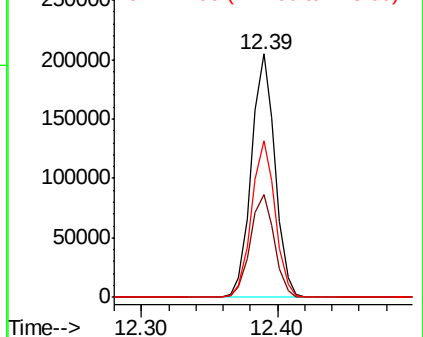


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.470 ug/l

RT: 13.00 min Scan# 1943

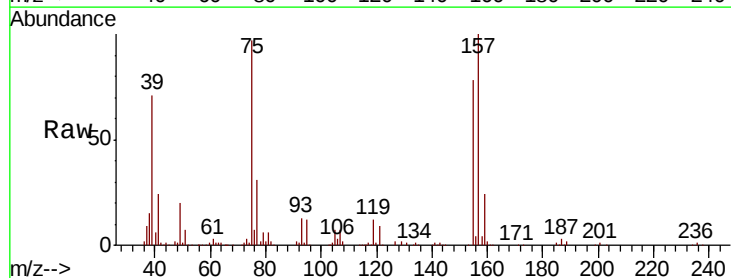
Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Tgt Ion: 75 Resp: 47069

Ion	Ratio	Lower	Upper
75	100		
155	77.9	39.5	118.5
157	100.3	49.9	149.7

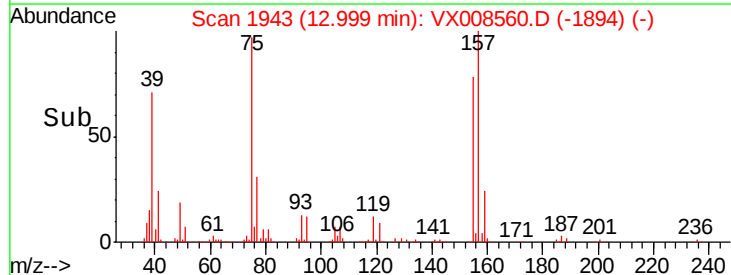
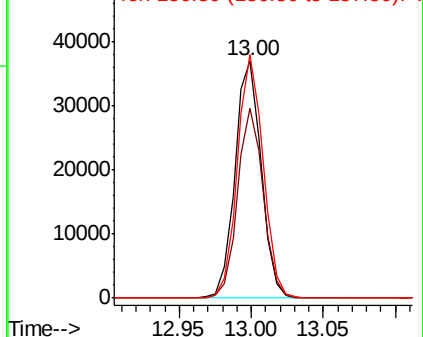


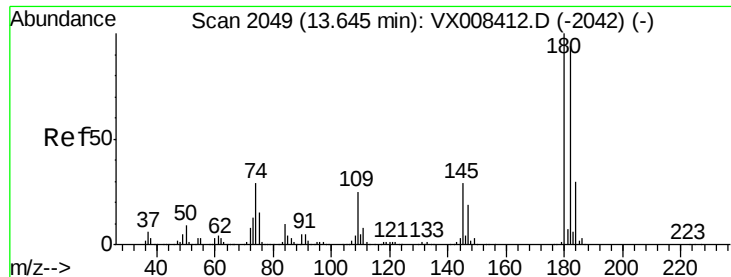
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

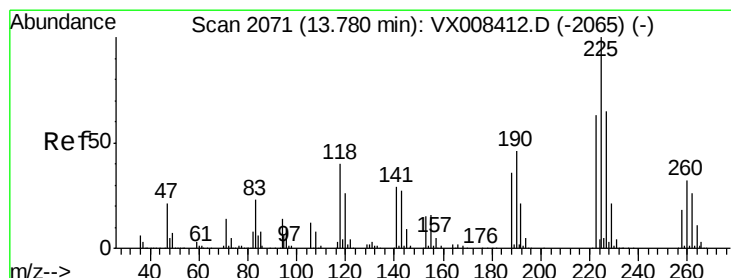
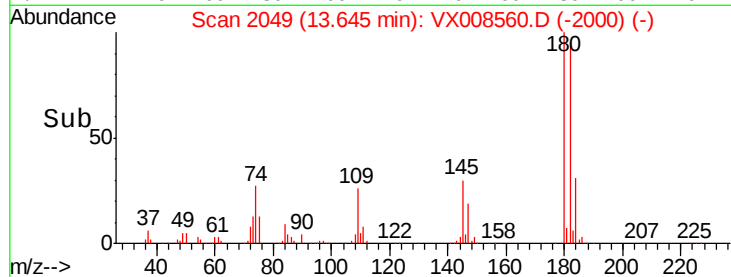
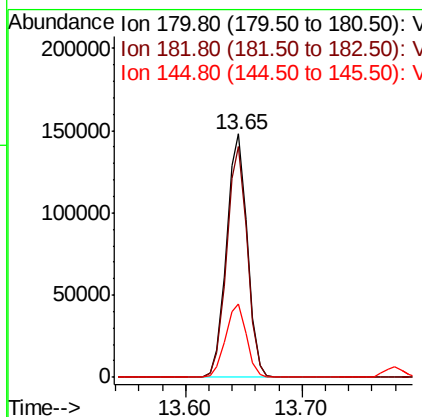
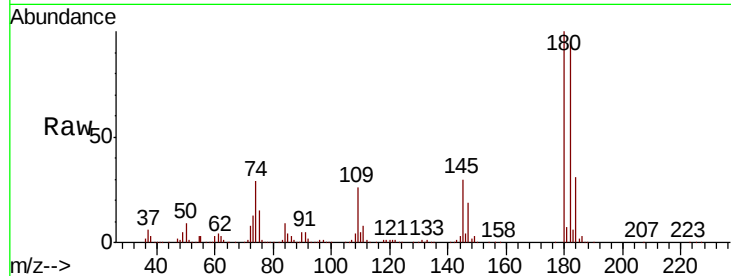




#93
 1,2,4-Trichlorobenzene
 Concen: 57.662 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

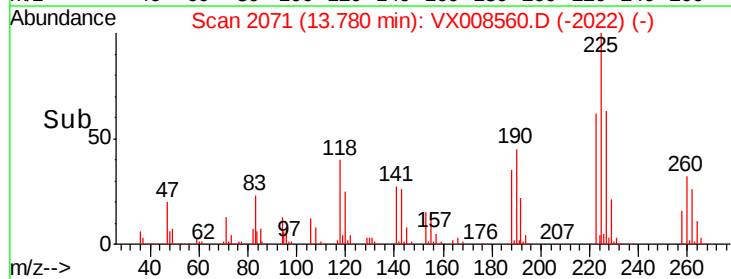
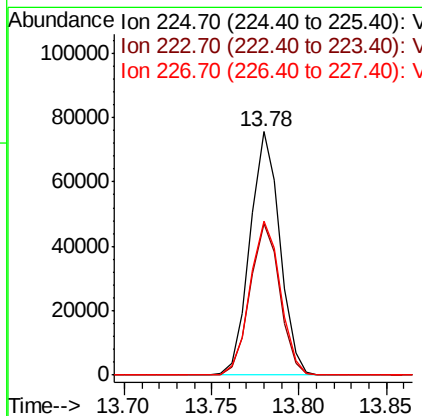
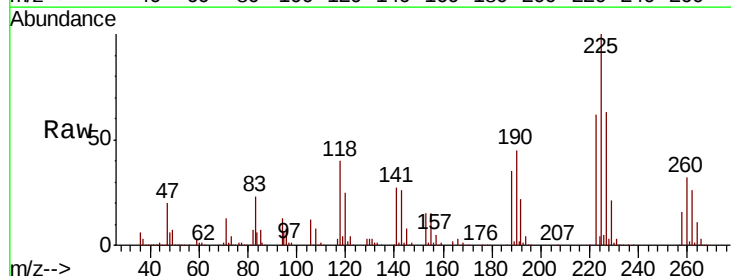
Instrument :
 MSVOA_X
 ClientSampled :

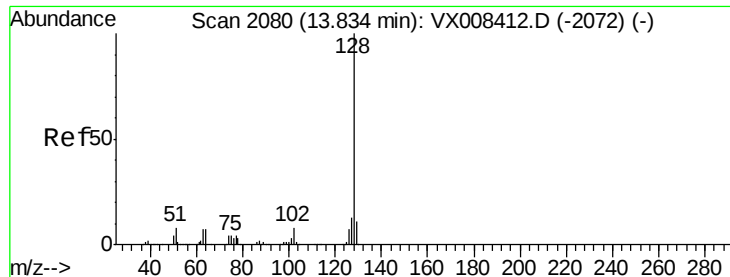
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	30.2	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 59.654 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008560.D
 Acq: 01 Apr 2019 11:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.4	94.0
227	64.6	31.9	95.9





#95

Naphthalene

Concen: 53.846 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

Instrument :

MSVOA_X

ClientSampleId :

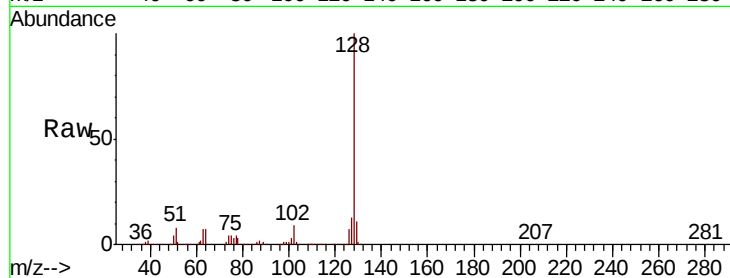
Tot Ion:128 Resp: 583422

Ion Ratio Lower Upper

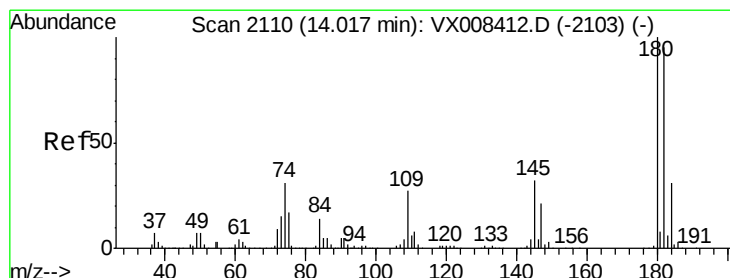
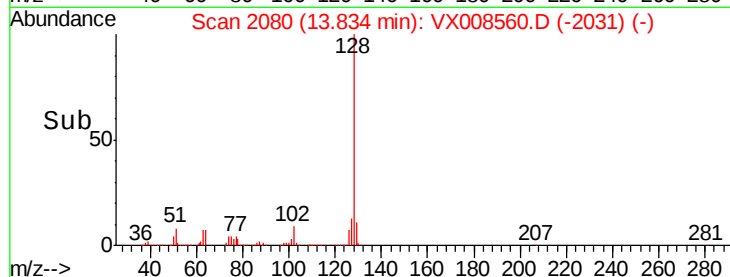
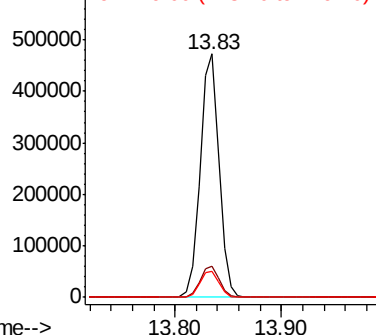
128 100

127 13.1 10.4 15.6

129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 56.068 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008560.D

Acq: 01 Apr 2019 11:09

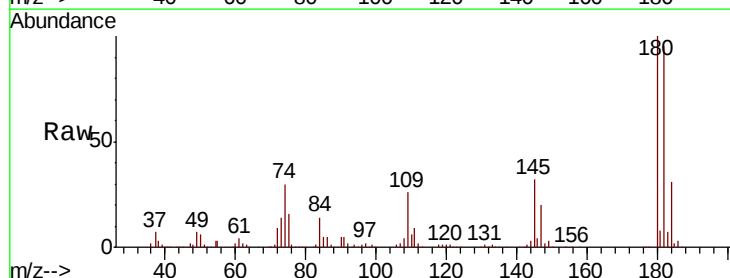
Tgt Ion:180 Resp: 178054

Ion Ratio Lower Upper

180 100

182 95.4 47.3 142.0

145 31.9 16.2 48.5



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

