

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008925.D
 Acq On : 13 Apr 2019 11:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 14 04:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	165332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111596	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.49	113	84553	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	8.71	98	333912	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	123006	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108994	57.271	ug/l	99
3) Chloromethane	1.32	50	124105	53.322	ug/l	100
4) Vinyl Chloride	1.41	62	123532	48.017	ug/l	97
5) Bromomethane	1.64	94	70225	55.208	ug/l	100
6) Chloroethane	1.71	64	72766	51.906	ug/l	99
7) Trichlorofluoromethane	1.92	101	145834	51.280	ug/l	100
8) Diethyl Ether	2.18	74	64256	47.646	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89497	48.880	ug/l	95
10) Methyl Iodide	2.51	142	96355	57.159	ug/l	99
11) Tert butyl alcohol	3.05	59	141485	250.614	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89049	46.589	ug/l	98
13) Acrolein	2.29	56	96569	344.969	ug/l	98
14) Allyl chloride	2.73	41	210585	48.127	ug/l	99
15) Acrylonitrile	3.14	53	349845	233.916	ug/l	100
16) Acetone	2.45	43	322947	232.515	ug/l	99
17) Carbon Disulfide	2.57	76	270526	48.998	ug/l	100
18) Methyl Acetate	2.77	43	155271	46.094	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	346655	50.785	ug/l	99
20) Methylene Chloride	2.85	84	106617	45.859	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	98878	47.826	ug/l	94
22) Diisopropyl ether	3.85	45	406293	48.175	ug/l	99
23) Vinyl Acetate	3.81	43	1852636	252.516	ug/l	100
24) 1,1-Dichloroethane	3.69	63	201736	48.313	ug/l	99
25) 2-Butanone	4.67	43	530834	241.811	ug/l	100
26) 2,2-Dichloropropane	4.58	77	158181	53.786	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	114074	47.990	ug/l	99
28) Bromochloromethane	5.01	49	90424	51.960	ug/l	97
29) Tetrahydrofuran	5.12	42	342445	235.029	ug/l	99
30) Chloroform	5.21	83	181631	48.701	ug/l	99
31) Cyclohexane	5.57	56	202718	48.654	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	155563	51.617	ug/l	99
36) 1,1-Dichloropropene	5.79	75	145258	51.249	ug/l	99
37) Ethyl Acetate	4.83	43	200180	52.912	ug/l	100
38) Carbon Tetrachloride	5.78	117	131155	55.909	ug/l	99

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Quant Time: Apr 14 04:11:38 2019
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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187106	53.438	ug/l	99
40) Benzene	6.14	78	439321	52.029	ug/l	99
41) Methacrylonitrile	5.04	41	111467	51.257	ug/l	99
42) 1,2-Dichloroethane	6.19	62	154800	51.138	ug/l	100
43) Isopropyl Acetate	6.44	43	319824	53.965	ug/l	99
44) Trichloroethene	7.21	130	106730	54.271	ug/l	96
45) 1,2-Dichloropropane	7.51	63	124789	51.778	ug/l	98
46) Dibromomethane	7.66	93	71013	50.803	ug/l	97
47) Bromodichloromethane	7.90	83	143248	54.352	ug/l	98
48) Methyl methacrylate	7.77	41	160274	53.462	ug/l	99
49) 1,4-Dioxane	7.74	88	54565	971.610	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1004643	263.334	ug/l	99
52) Toluene	8.78	92	266063	53.447	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170857	57.873	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	187001	55.434	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106036	53.065	ug/l	98
56) Ethyl methacrylate	9.18	69	197212	54.547	ug/l	100
57) 1,3-Dichloropropane	9.37	76	188435	52.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	480927	260.507	ug/l	98
59) 2-Hexanone	9.49	43	771812	260.317	ug/l	100
60) Dibromochloromethane	9.58	129	107529	57.106	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110369	53.056	ug/l	99
64) Tetrachloroethene	9.34	164	97651	57.169	ug/l	98
65) Chlorobenzene	10.13	112	272000	53.224	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	99253	55.361	ug/l	99
67) Ethyl Benzene	10.25	91	511166	53.641	ug/l	100
68) m/p-Xylenes	10.36	106	369849	107.944	ug/l	98
69) o-Xylene	10.69	106	178413	53.731	ug/l	98
70) Styrene	10.71	104	313968	54.854	ug/l	99
71) Bromoform	10.85	173	80720	58.951	ug/l #	99
73) Isopropylbenzene	11.02	105	483743	53.910	ug/l	100
74) N-amyl acetate	10.90	43	275298	52.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	167368	49.044	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	208025	69.938	ug/l	80
77) Bromobenzene	11.26	156	116832	54.161	ug/l	96
78) n-propylbenzene	11.36	91	562795	53.866	ug/l	100
79) 2-Chlorotoluene	11.42	91	328609	51.973	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	407073	54.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	62960	58.348	ug/l	97
82) 4-Chlorotoluene	11.51	91	377689	51.606	ug/l	98
83) tert-Butylbenzene	11.77	119	386533	53.341	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	409954	53.752	ug/l	99
85) sec-Butylbenzene	11.94	105	472627	54.909	ug/l	99
86) p-Isopropyltoluene	12.06	119	431622	55.869	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	208813	54.072	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204193	52.217	ug/l	100
89) n-Butylbenzene	12.38	91	404498	55.830	ug/l	99
90) Hexachloroethane	12.60	117	73579	57.422	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	200183	52.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38013	50.636	ug/l	96

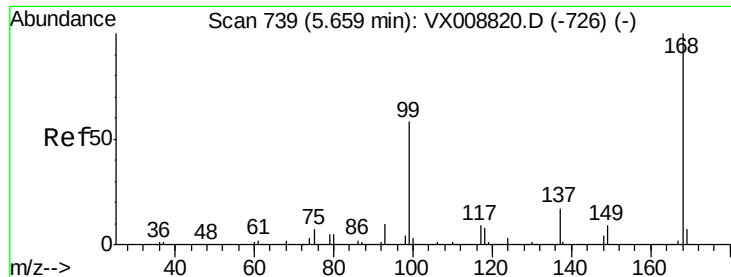
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041319\
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148807	55.818	ug/l	99
94) Hexachlorobutadiene	13.78	225	75250	58.857	ug/l	100
95) Naphthalene	13.83	128	470456	52.800	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145874	54.766	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

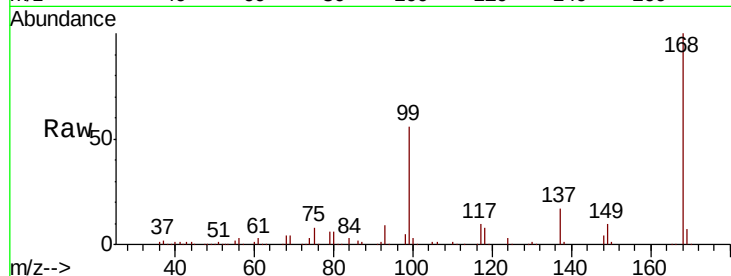
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 165332

Ion Ratio Lower Upper

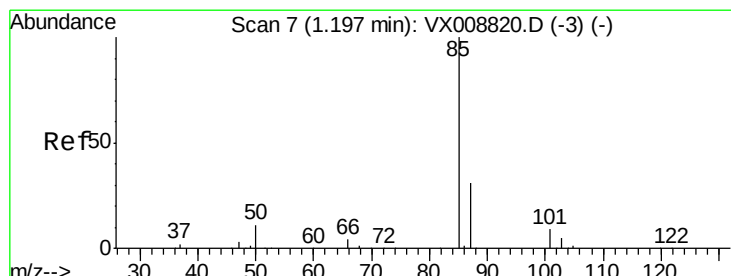
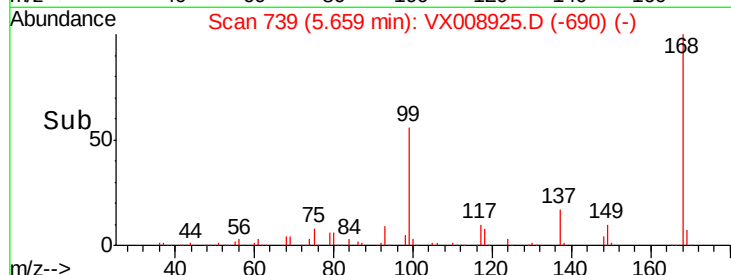
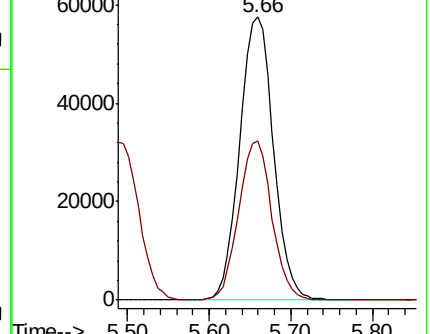
168 100

99 56.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 57.271 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008925.D

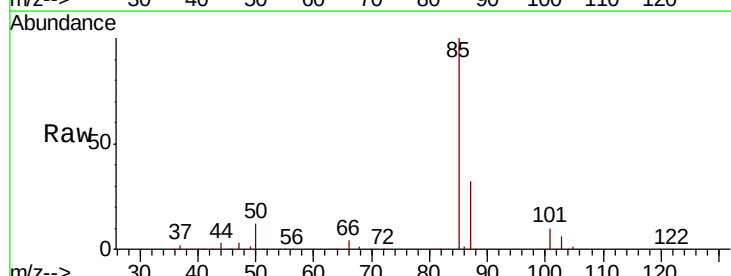
Acq: 13 Apr 2019 11:26

Tgt Ion: 85 Resp: 108994

Ion Ratio Lower Upper

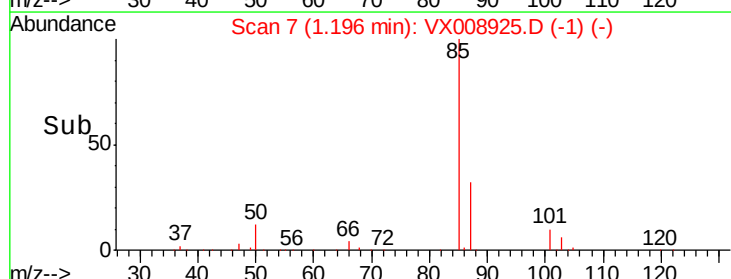
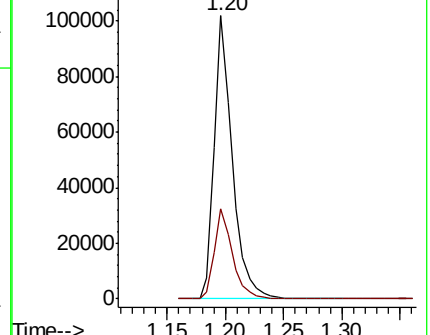
85 100

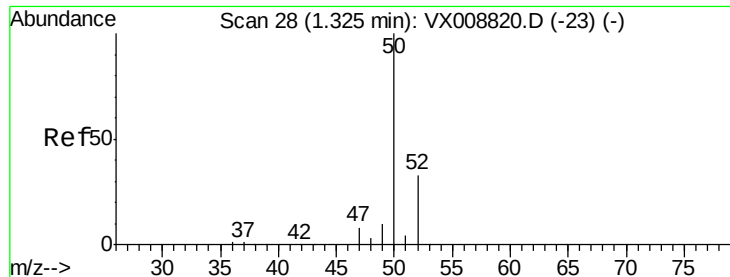
87 32.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.322 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

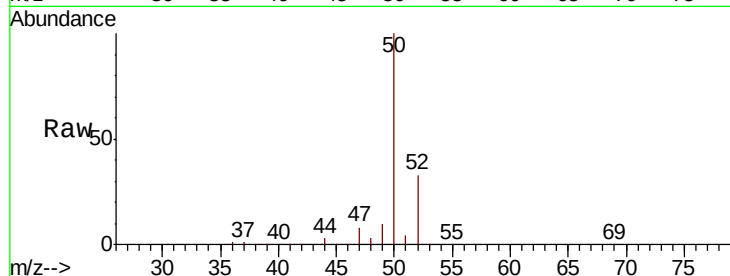
ClientSampleId :

Tot Ion: 50 Resp: 124105

Ion Ratio Lower Upper

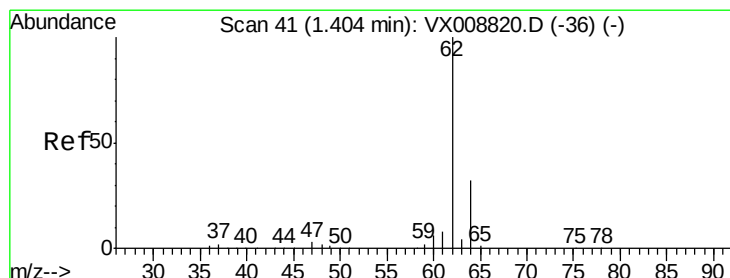
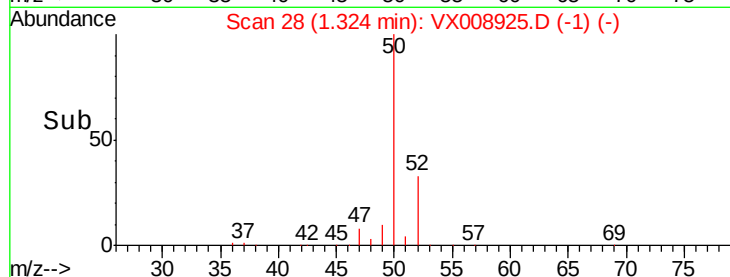
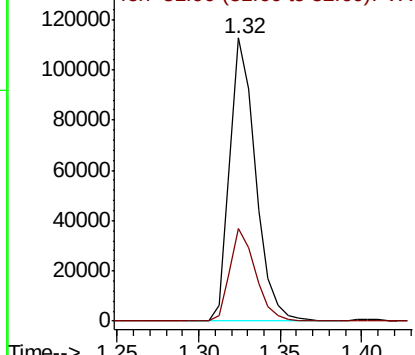
50 100

52 32.5 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.017 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008925.D

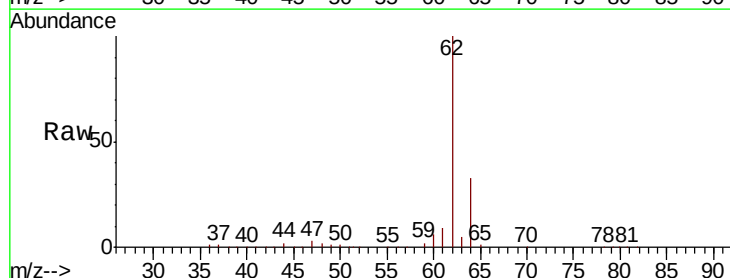
Acq: 13 Apr 2019 11:26

Tgt Ion: 62 Resp: 123532

Ion Ratio Lower Upper

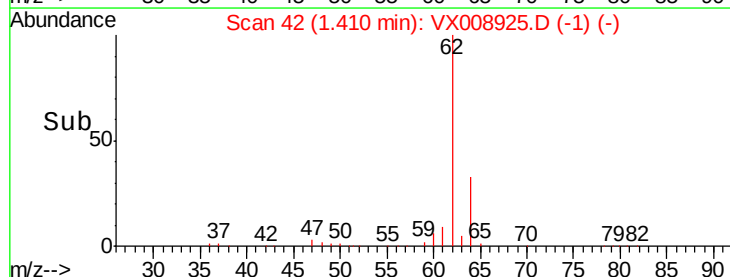
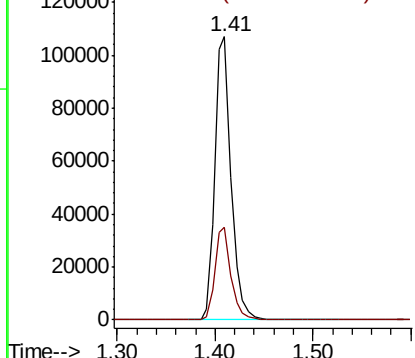
62 100

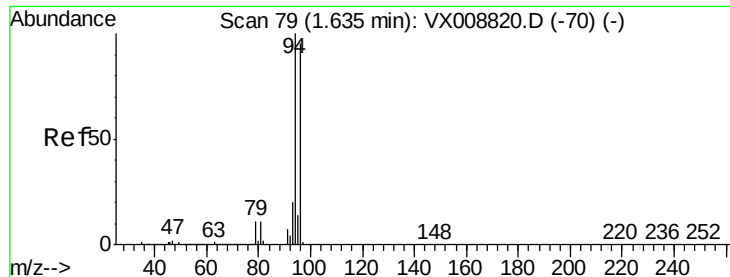
64 32.6 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.208 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

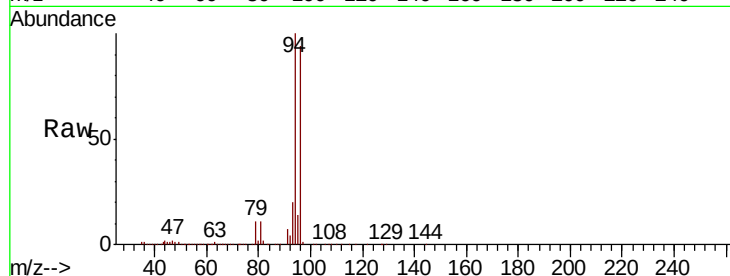
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 70225

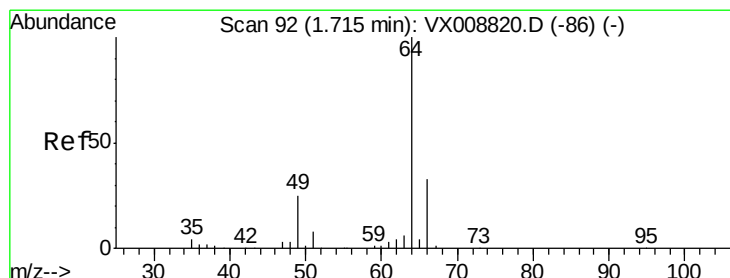
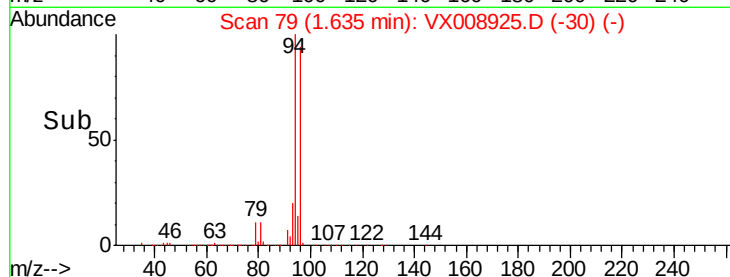
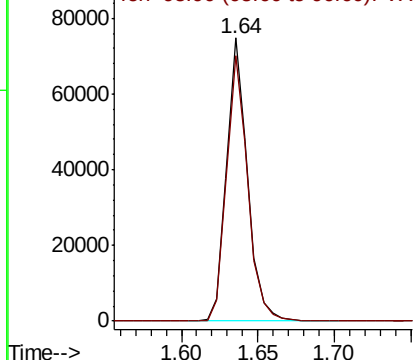
Ion Ratio Lower Upper

94 100

96 93.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.906 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008925.D

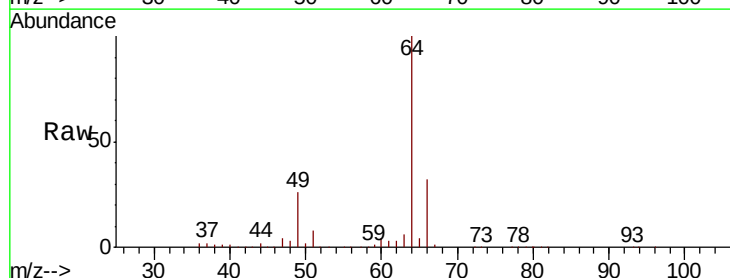
Acq: 13 Apr 2019 11:26

Tgt Ion: 64 Resp: 72766

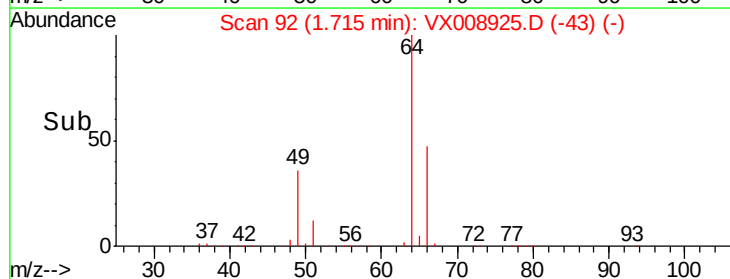
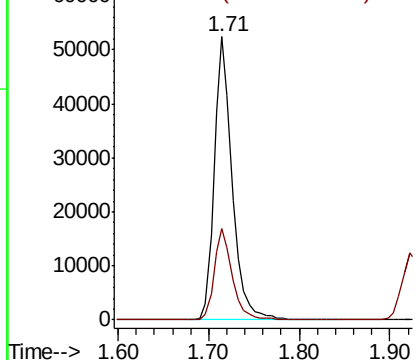
Ion Ratio Lower Upper

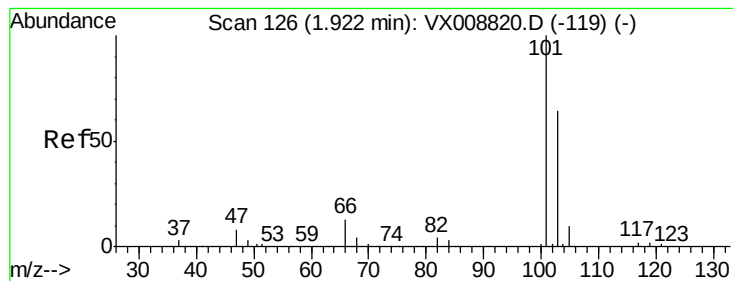
64 100

66 32.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



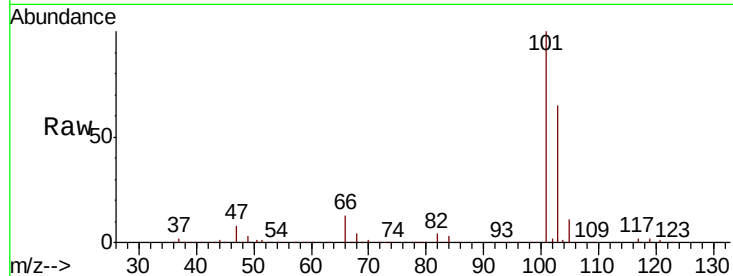


#7

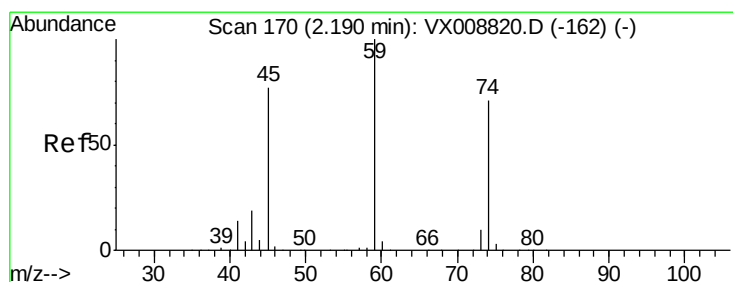
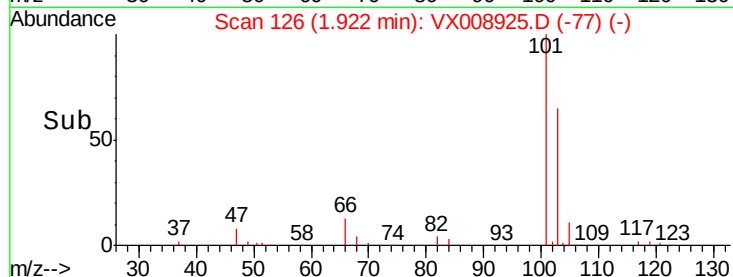
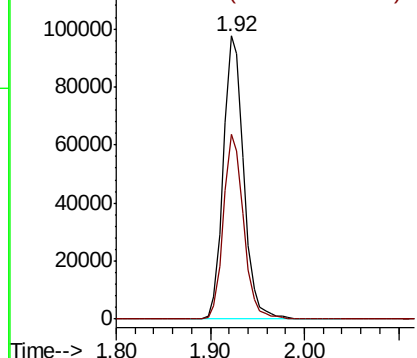
Trichlorofluoromethane
 Concen: 51.280 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:101 Resp: 145834
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5



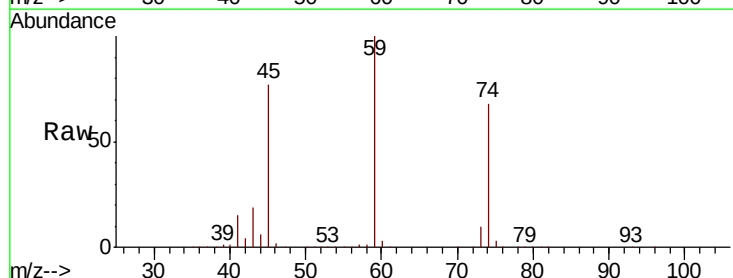
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



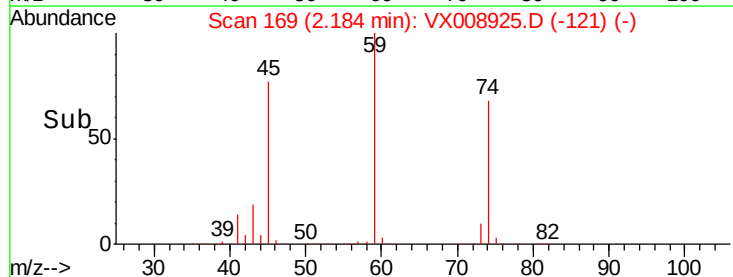
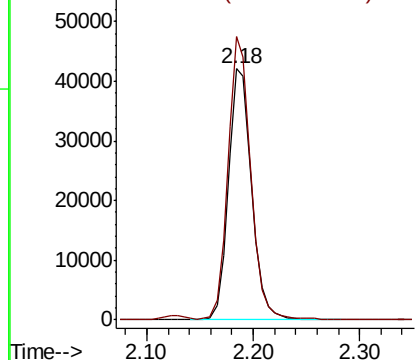
#8

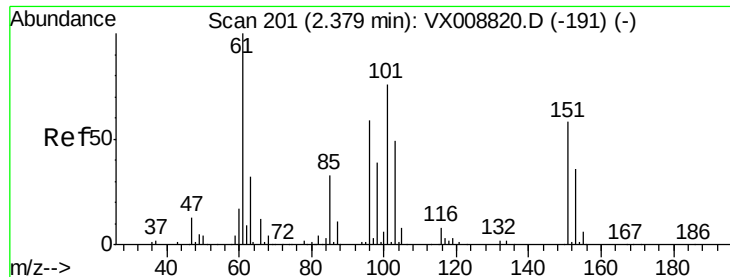
Diethyl Ether
 Concen: 47.646 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 74 Resp: 64256
 Ion Ratio Lower Upper
 74 100
 45 109.3 56.5 169.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.880 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

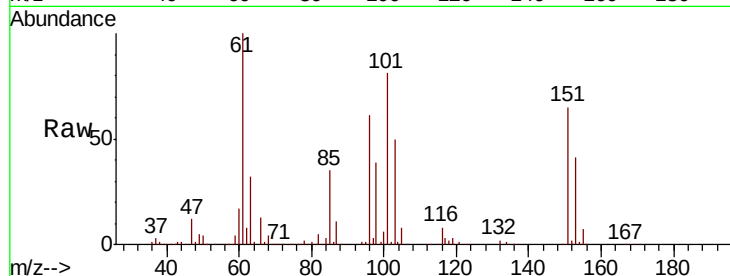
Tot Ion:101 Resp: 89497

Ion Ratio Lower Upper

101 100

85 43.3 36.0 54.0

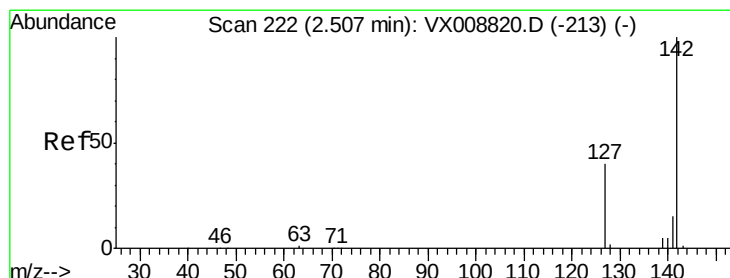
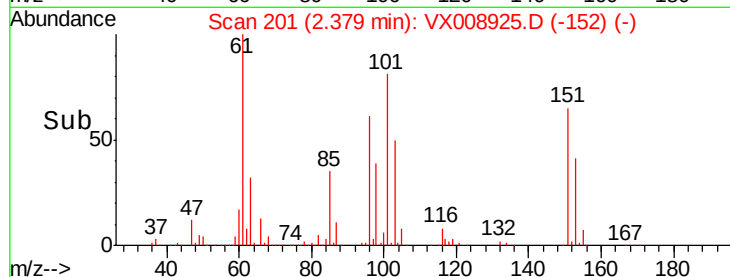
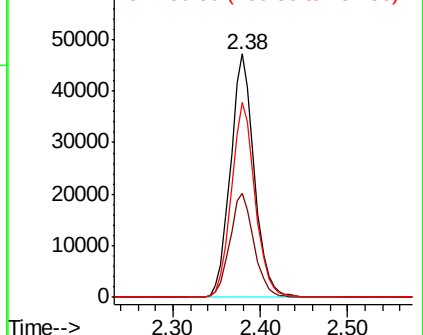
151 79.9 59.9 89.9



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: 57.159 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

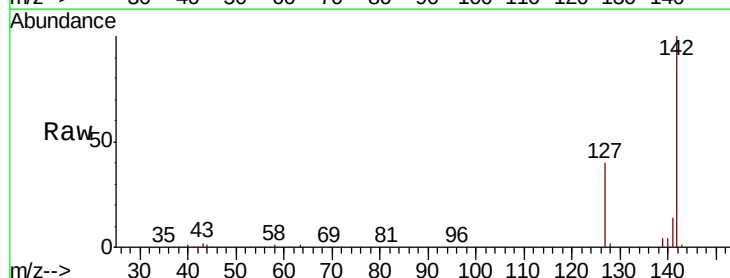
Tgt Ion:142 Resp: 96355

Ion Ratio Lower Upper

142 100

127 40.5 33.0 49.6

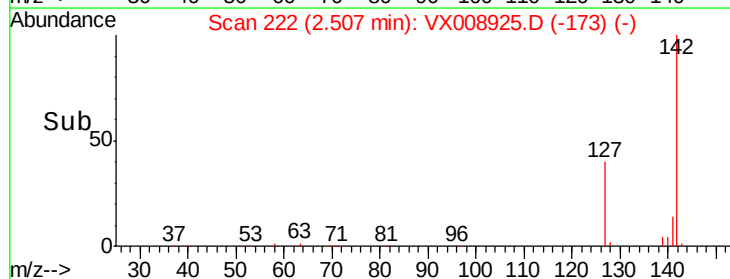
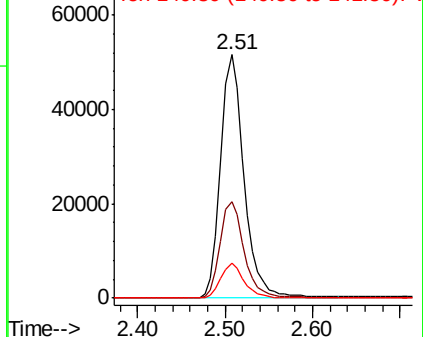
141 14.3 11.4 17.2

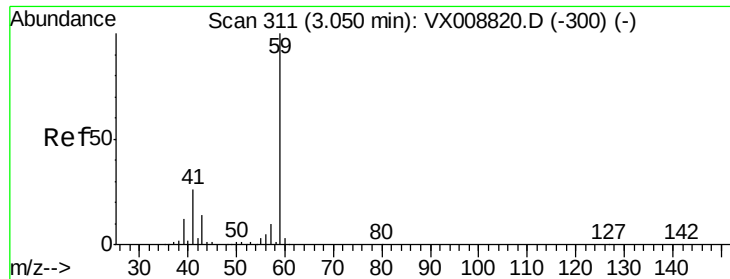


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

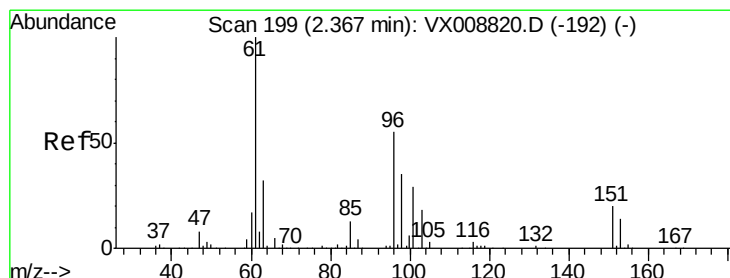
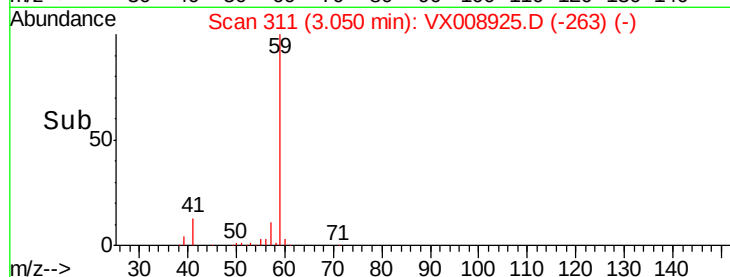
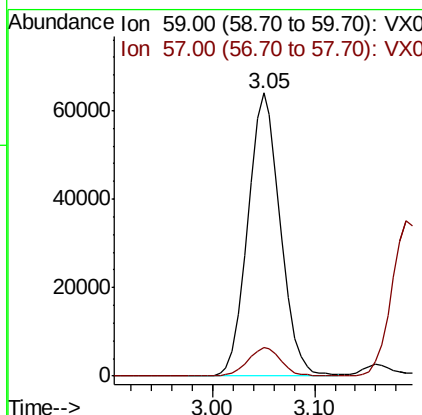
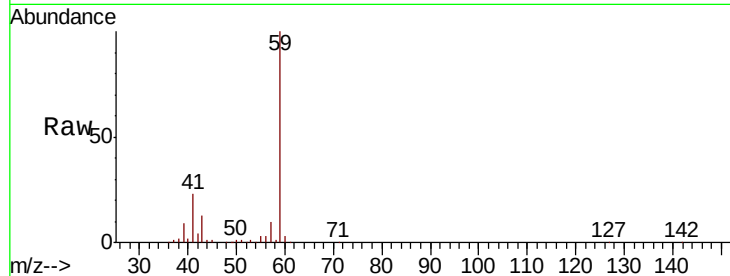




#11
Tert butyl alcohol
Concen: 250.614 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

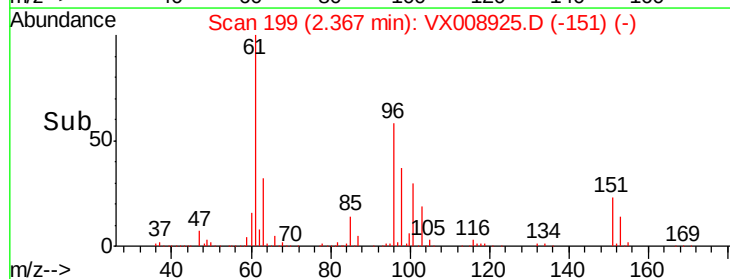
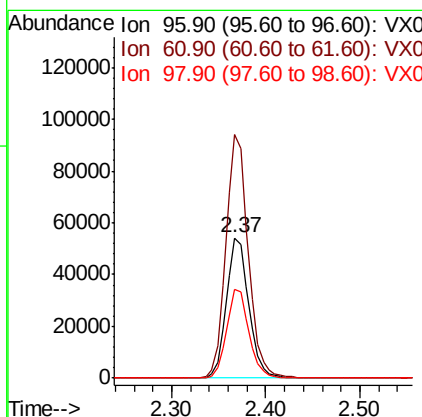
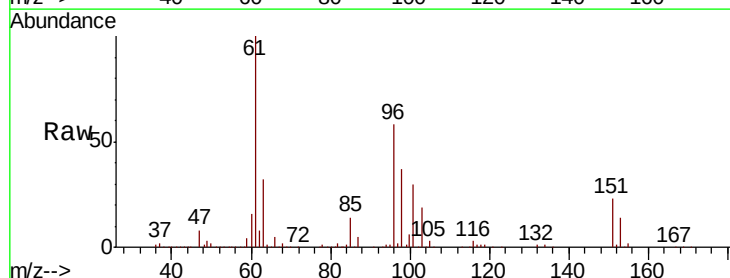
Instrument :
MSVOA_X
ClientSampleId :

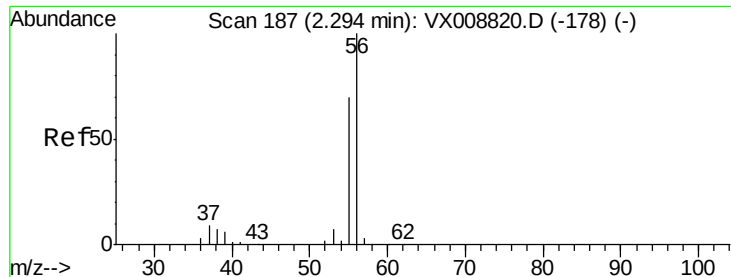
Tot Ion: 59 Resp: 141485
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.589 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion: 96 Resp: 89049
Ion Ratio Lower Upper
96 100
61 173.4 140.9 211.3
98 63.6 52.1 78.1

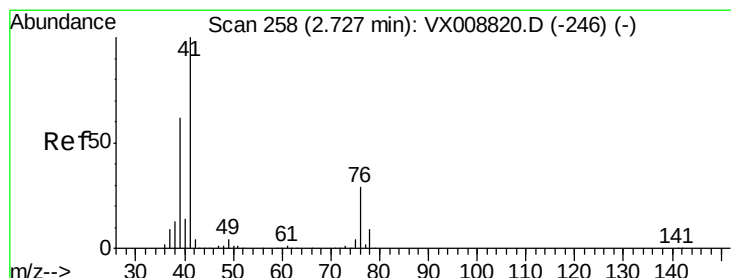
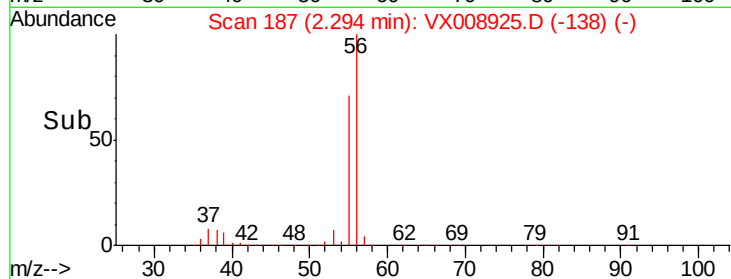
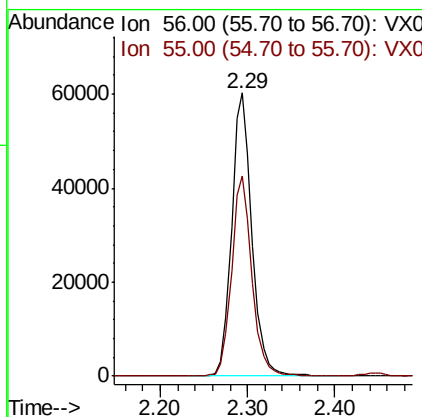
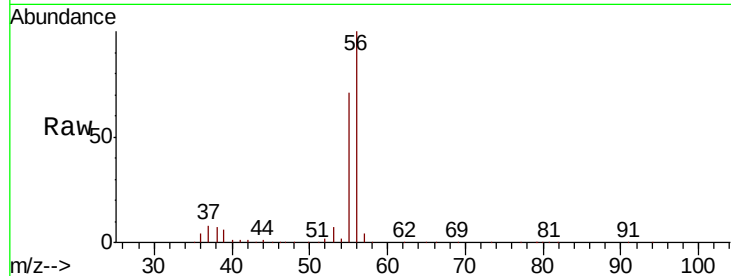




#13
 Acrolein
 Concen: 344.969 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

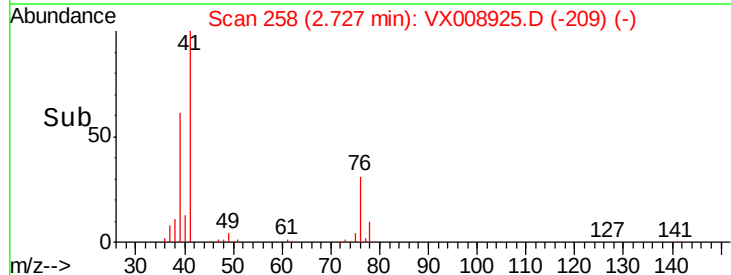
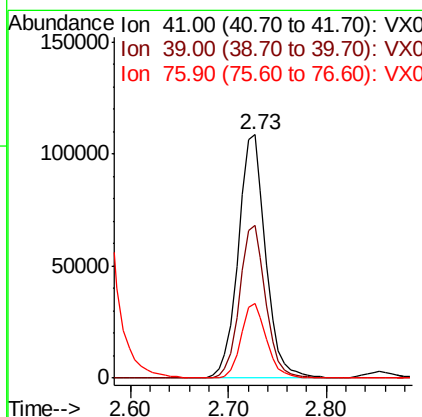
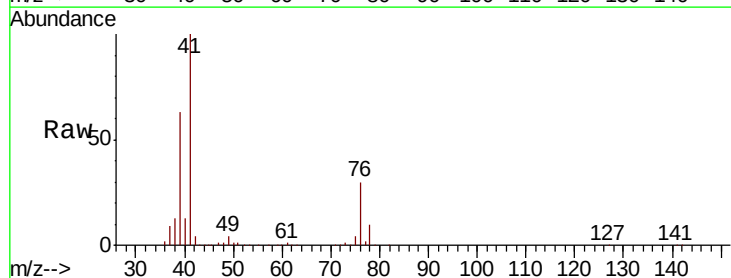
Instrument :
 MSVOA_X
 ClientSampleId :

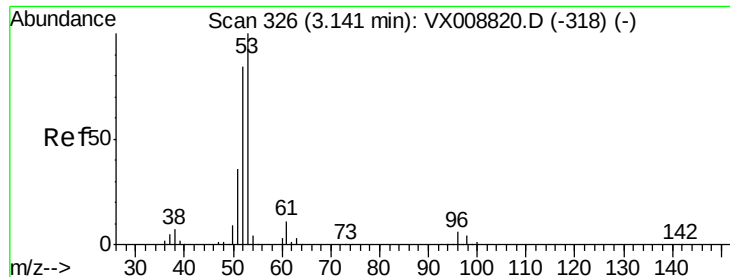
Tot Ion: 56 Resp: 96569
 Ion Ratio Lower Upper
 56 100
 55 70.8 58.0 87.0



#14
 Allyl chloride
 Concen: 48.127 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 41 Resp: 210585
 Ion Ratio Lower Upper
 41 100
 39 59.6 48.0 72.0
 76 28.1 22.0 33.0





#15

Acrylonitrile

Concen: 233.916 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

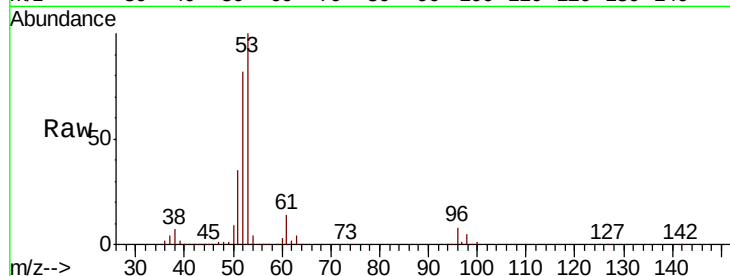
Tot Ion: 53 Resp: 349845

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

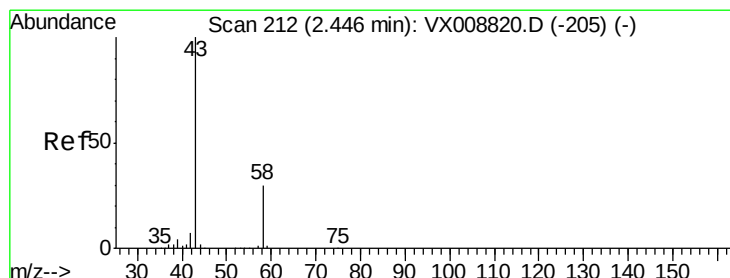
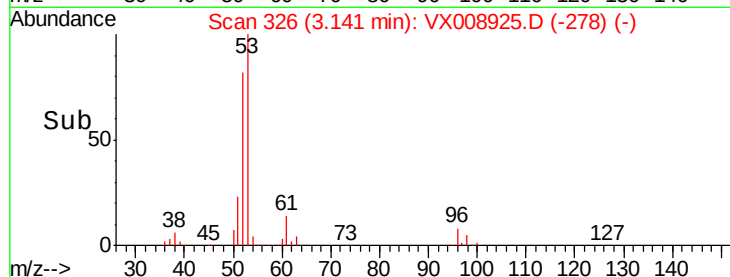
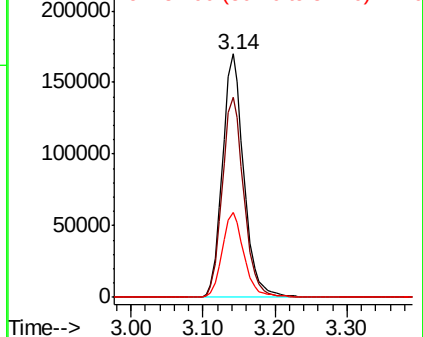
51 35.5 28.6 42.8



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: 232.515 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008925.D

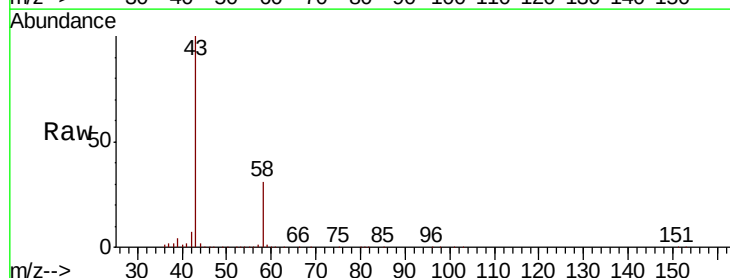
Acq: 13 Apr 2019 11:26

Tgt Ion: 43 Resp: 322947

Ion Ratio Lower Upper

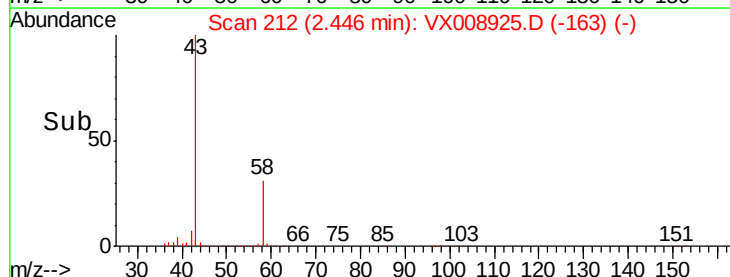
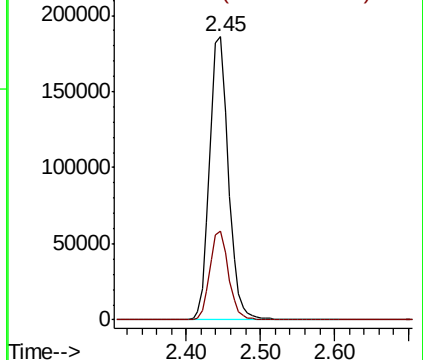
43 100

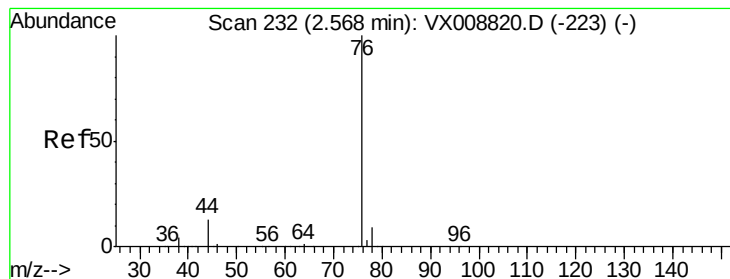
58 31.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.998 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

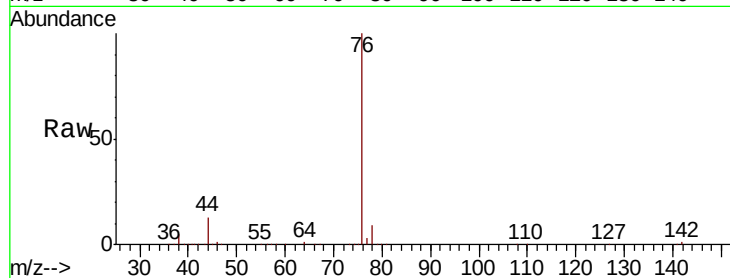
ClientSampleId :

Tot Ion: 76 Resp: 270526

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

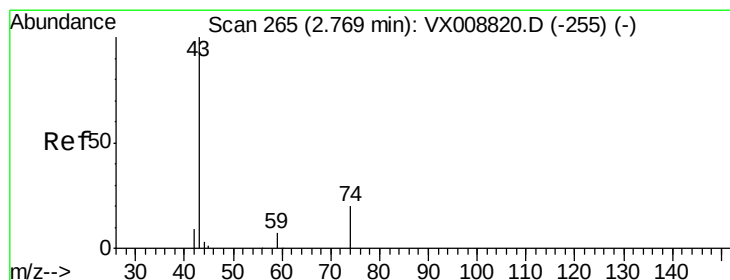
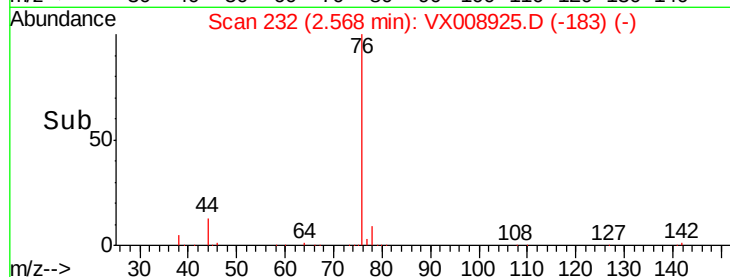
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 46.094 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008925.D

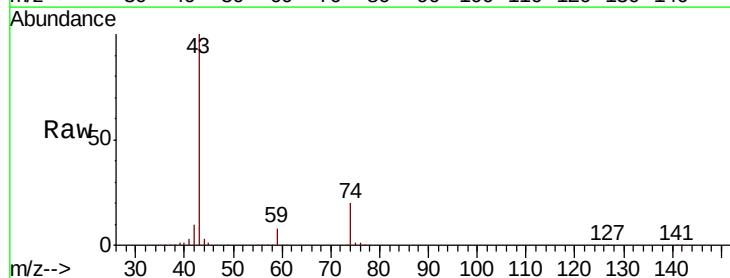
Acq: 13 Apr 2019 11:26

Tgt Ion: 43 Resp: 155271

Ion Ratio Lower Upper

43 100

74 21.1 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

0

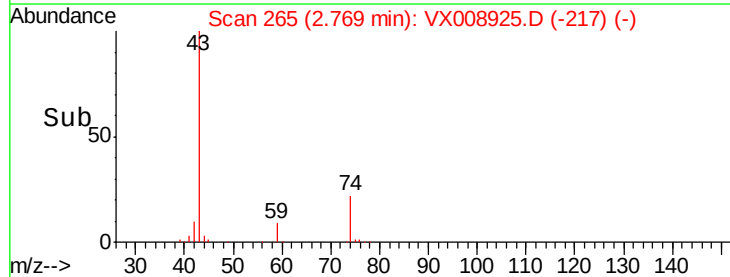
Time-->

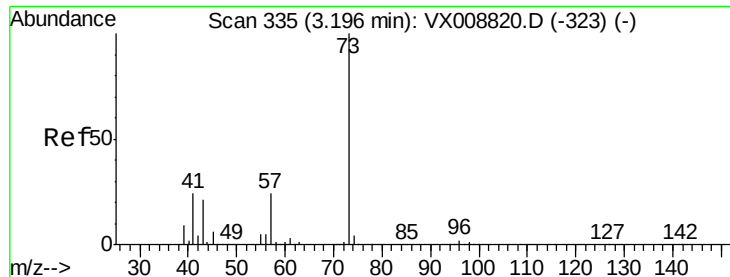
2.70

2.75

2.80

2.85



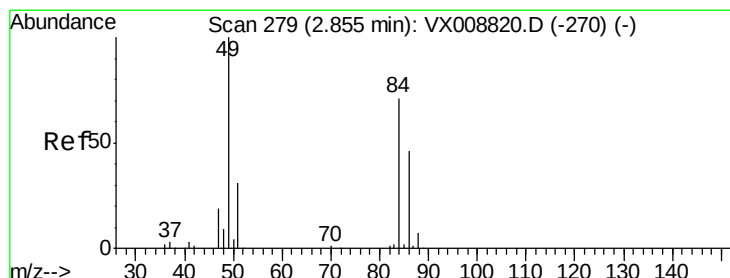
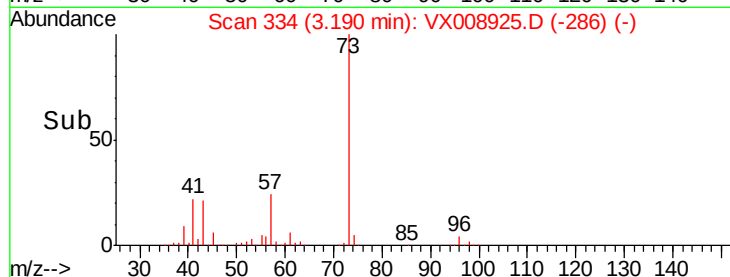
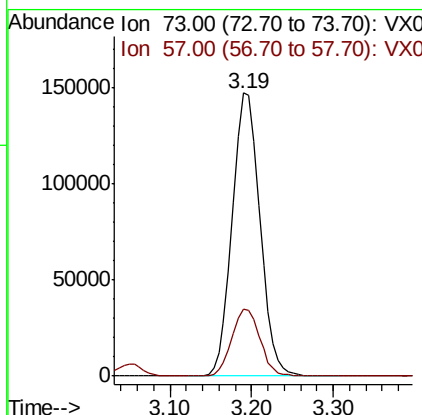
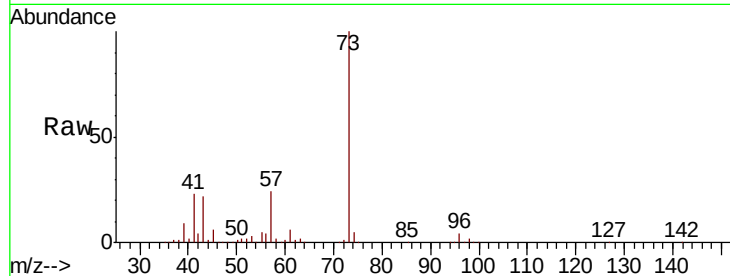


#19

Methyl tert-butyl Ether
 Concen: 50.785 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :

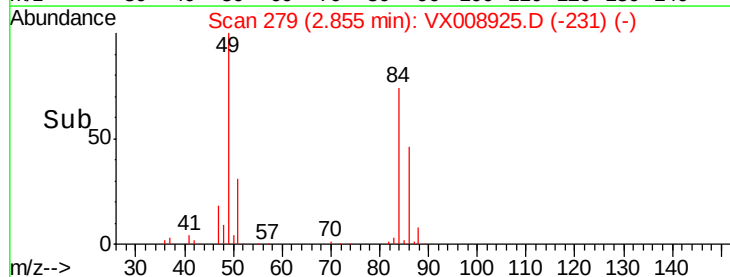
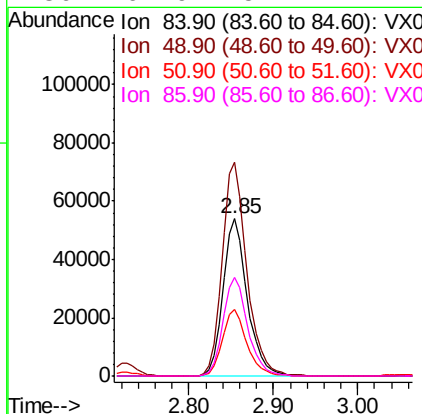
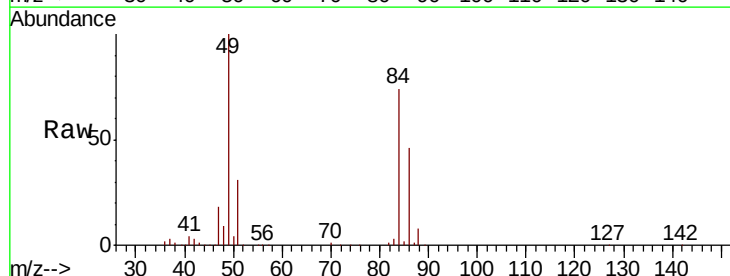
Tot Ion: 73 Resp: 346655
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.5 29.3

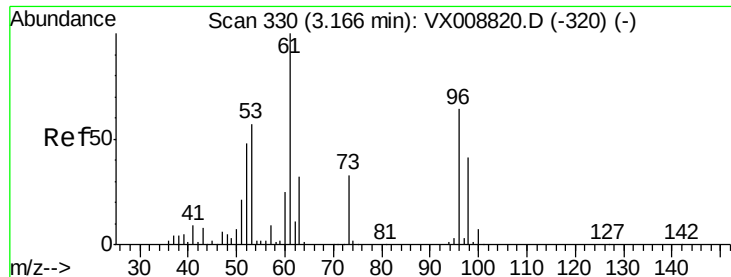


#20

Methylene Chloride
 Concen: 45.859 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 84 Resp: 106617
 Ion Ratio Lower Upper
 84 100
 49 136.0 109.7 164.5
 51 42.5 33.6 50.4
 86 62.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.826 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

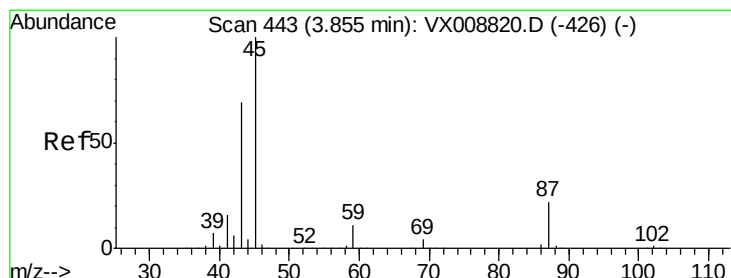
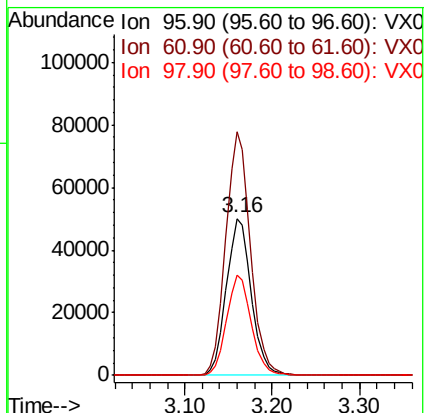
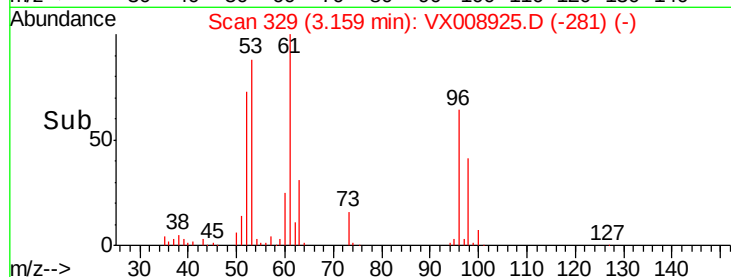
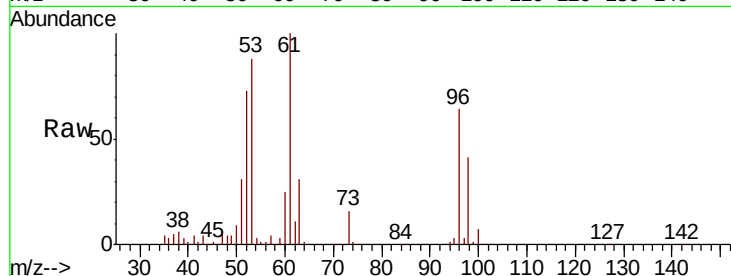
Tot Ion: 96 Resp: 98878

Ion Ratio Lower Upper

96 100

61 155.2 132.1 198.1

98 63.5 52.2 78.2



#22

Diisopropyl ether

Concen: 48.175 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Tgt Ion: 45 Resp: 406293

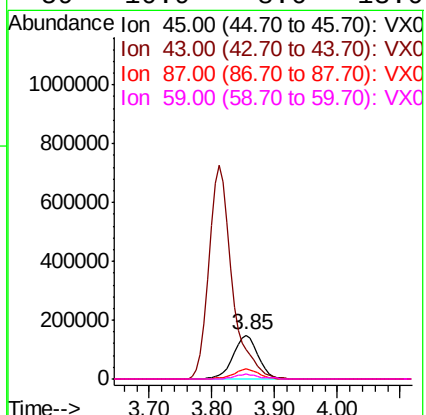
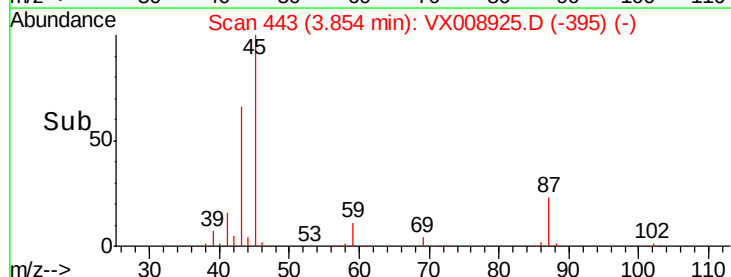
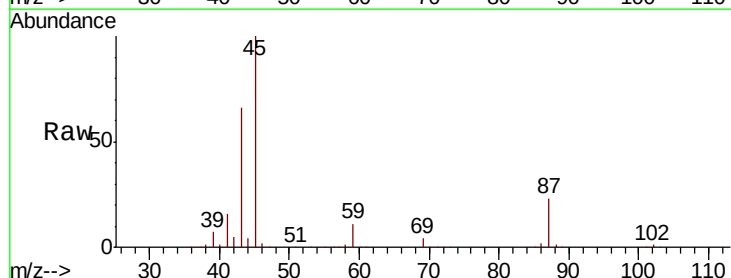
Ion Ratio Lower Upper

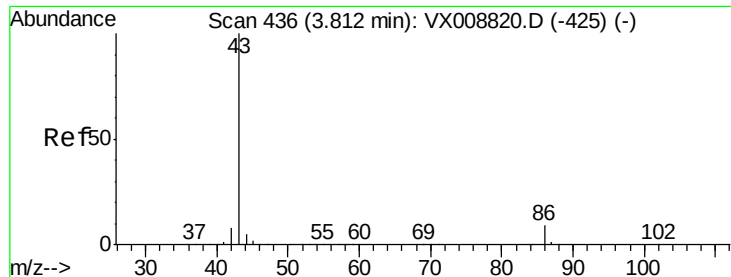
45 100

43 65.7 51.3 76.9

87 22.8 18.1 27.1

59 10.9 8.6 13.0





#23

Vinyl Acetate

Concen: 252.516 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

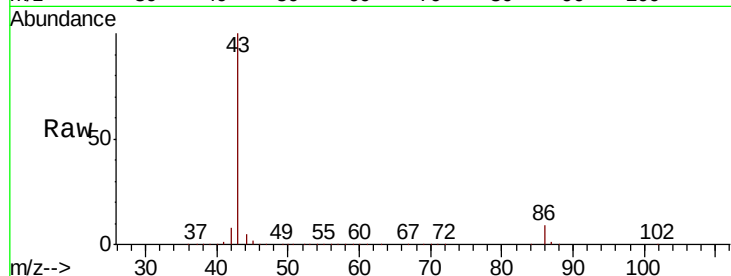
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1852636

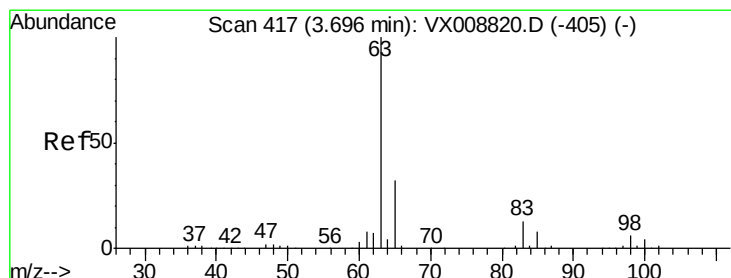
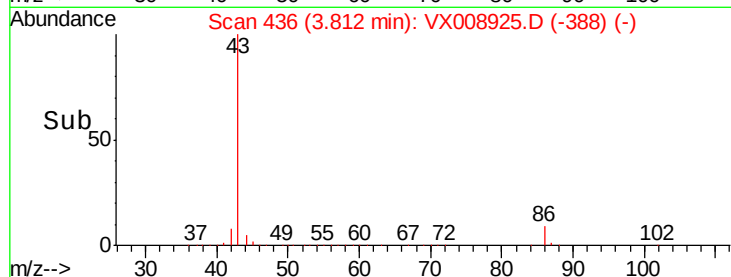
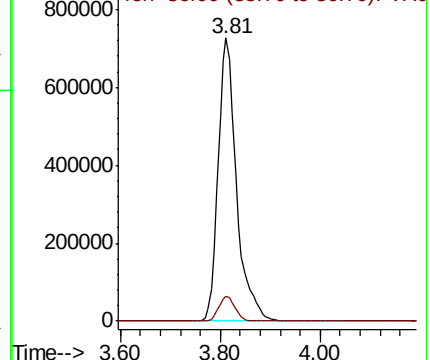
Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.313 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

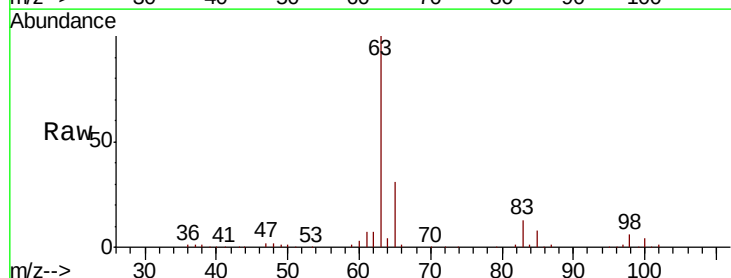
Tgt Ion: 63 Resp: 201736

Ion Ratio Lower Upper

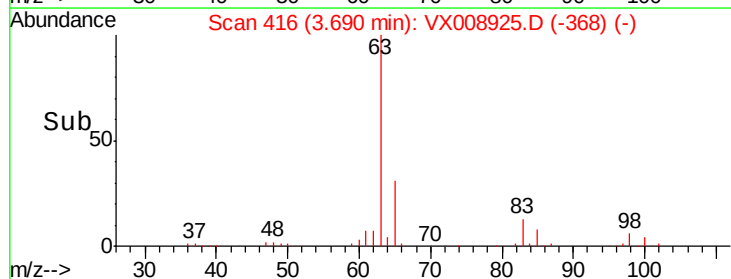
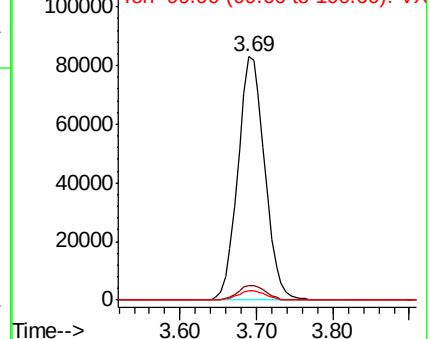
63 100

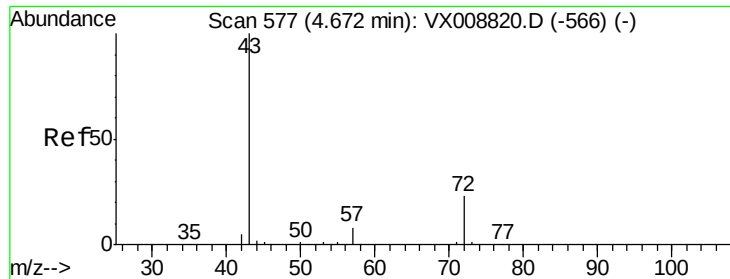
98 6.1 2.8 8.4

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 241.811 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

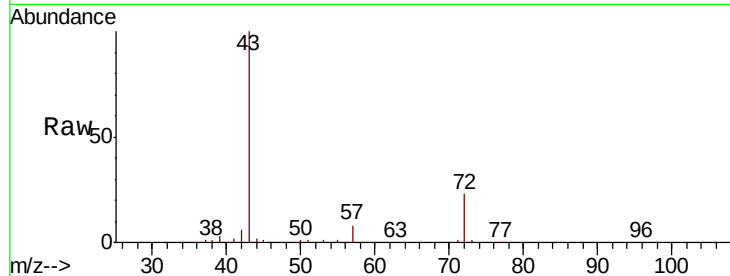
ClientSampleId :

Tot Ion: 43 Resp: 530834

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

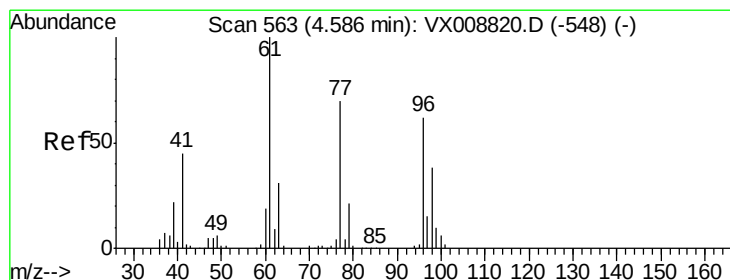
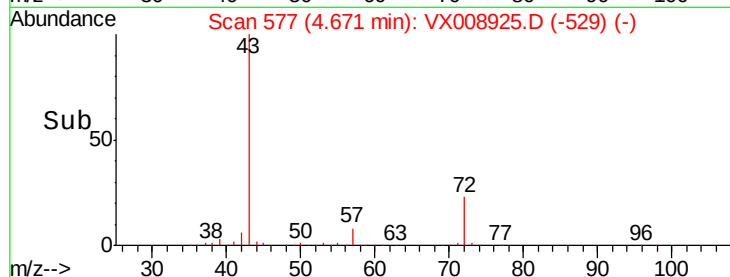
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 53.786 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008925.D

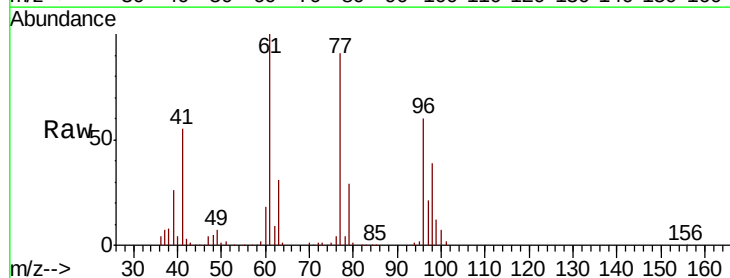
Acq: 13 Apr 2019 11:26

Tgt Ion: 77 Resp: 158181

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

50000

40000

30000

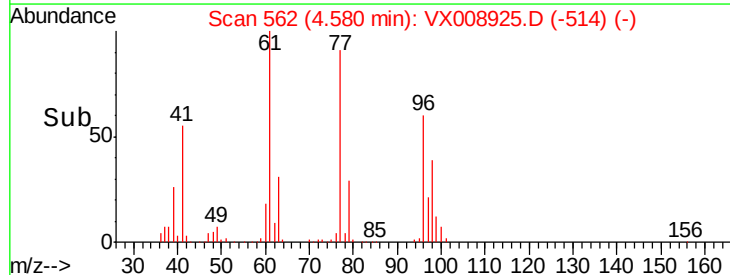
20000

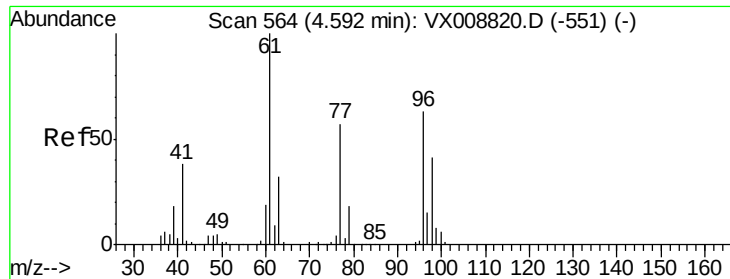
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->



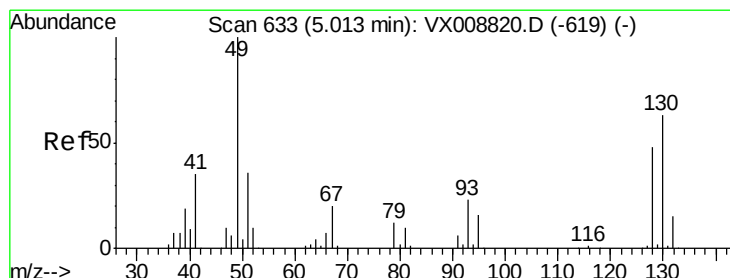
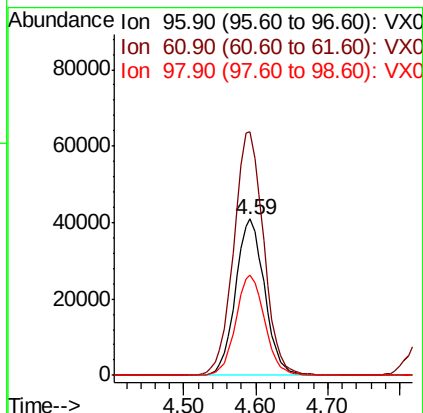
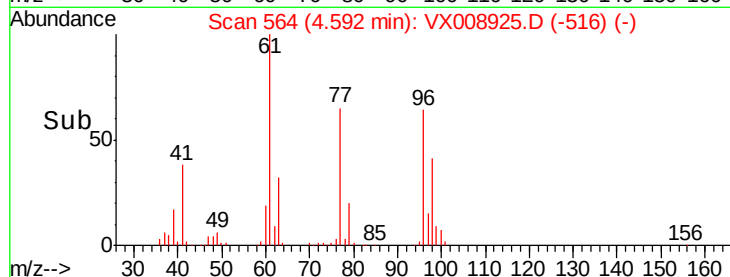
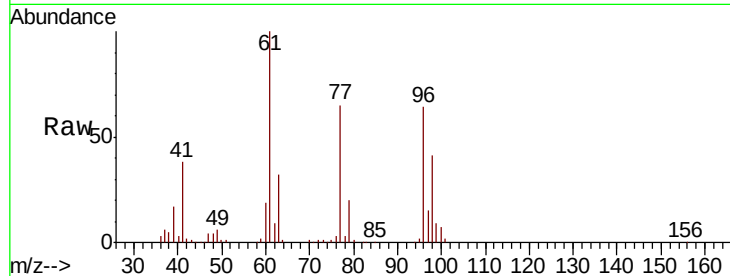


#27

cis-1,2-Dichloroethene
Concen: 47.990 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :

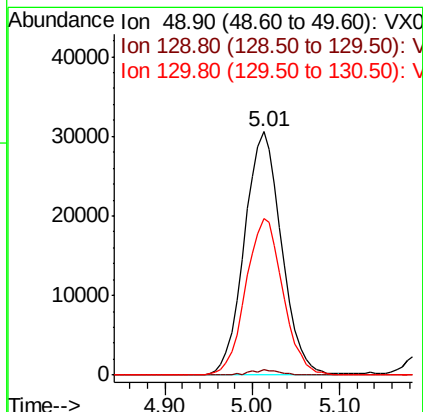
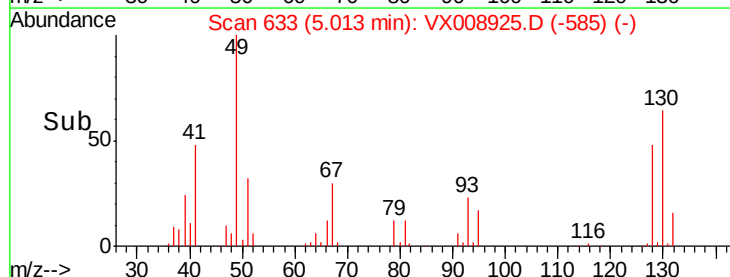
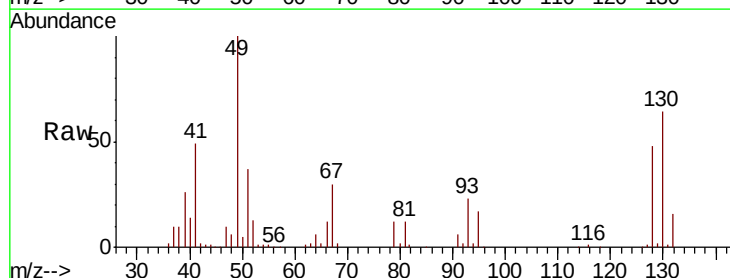
Tot Ion: 96 Resp: 114074
Ion Ratio Lower Upper
96 100
61 161.6 0.0 327.6
98 64.0 0.0 128.6

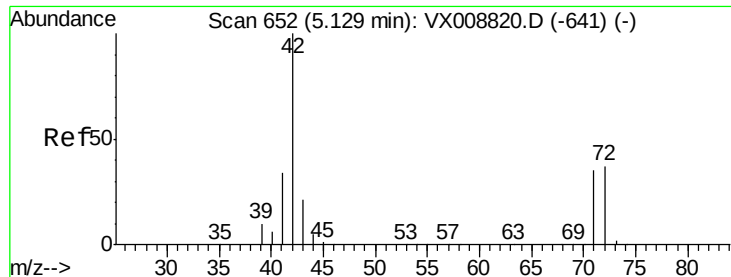


#28

Bromochloromethane
Concen: 51.960 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion: 49 Resp: 90424
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 64.3 49.3 73.9





#29

Tetrahydrofuran

Concen: 235.029 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

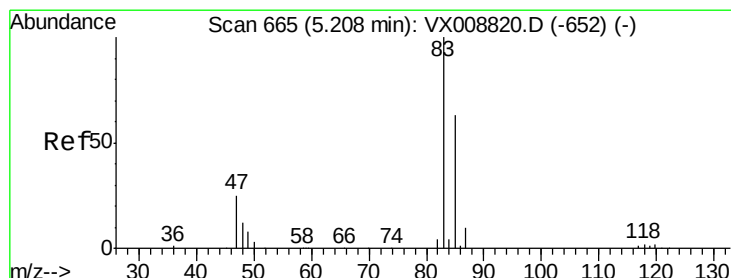
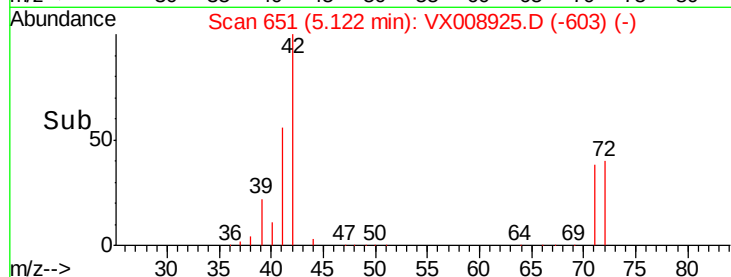
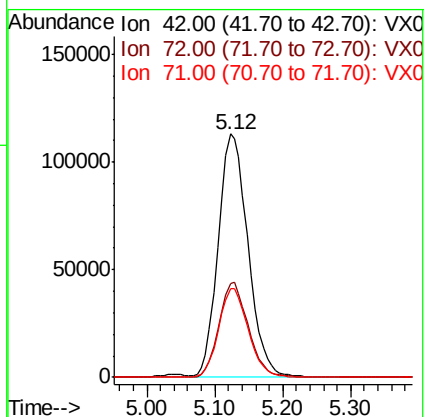
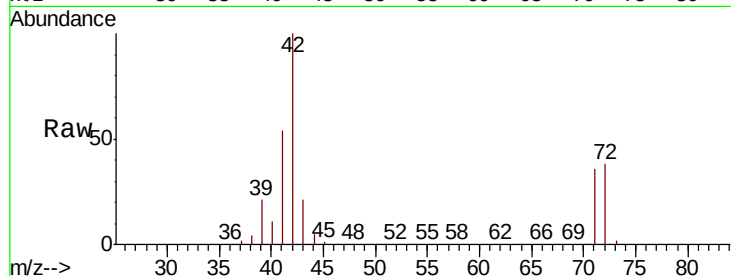
Tot Ion: 42 Resp: 342445

Ion Ratio Lower Upper

42 100

72 38.7 30.5 45.7

71 36.3 28.6 43.0



#30

Chloroform

Concen: 48.701 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008925.D

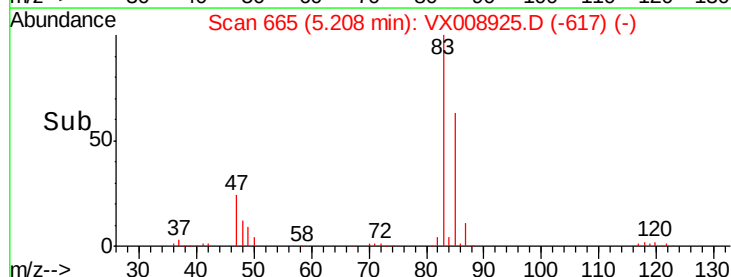
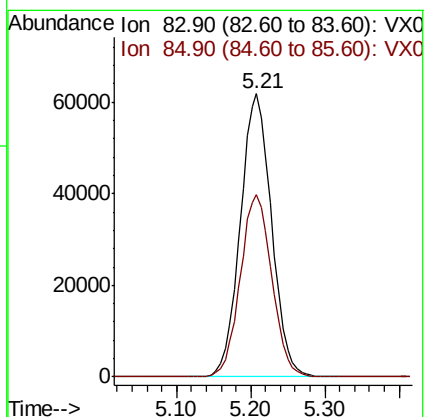
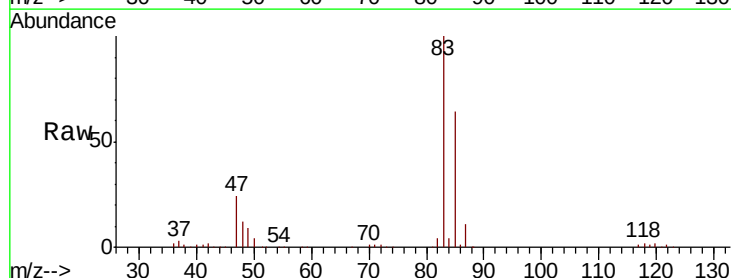
Acq: 13 Apr 2019 11:26

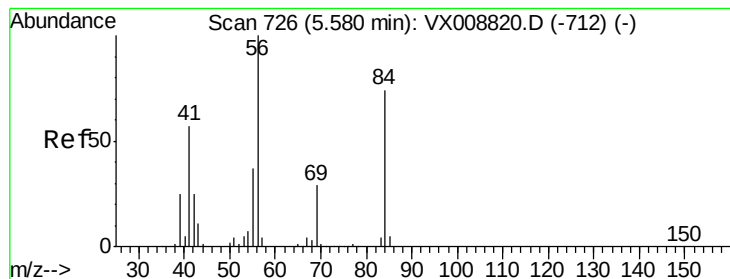
Tgt Ion: 83 Resp: 181631

Ion Ratio Lower Upper

83 100

85 64.3 52.1 78.1





#31

Cyclohexane

Concen: 48.654 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

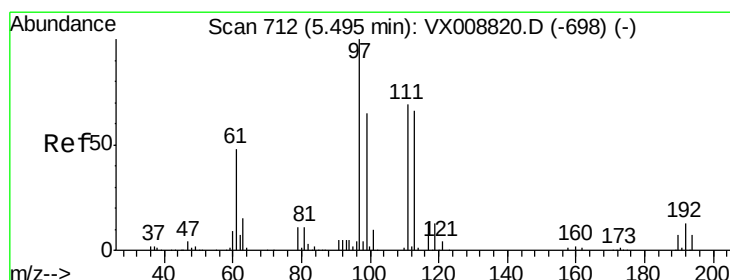
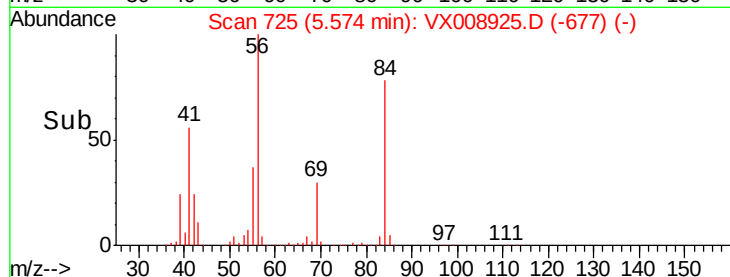
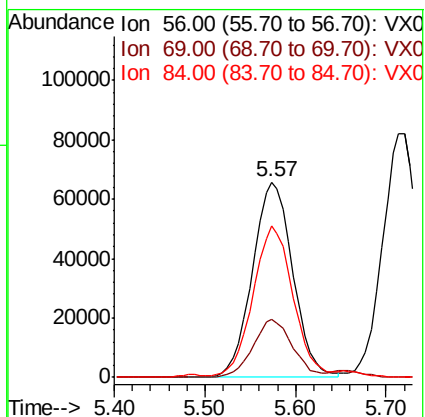
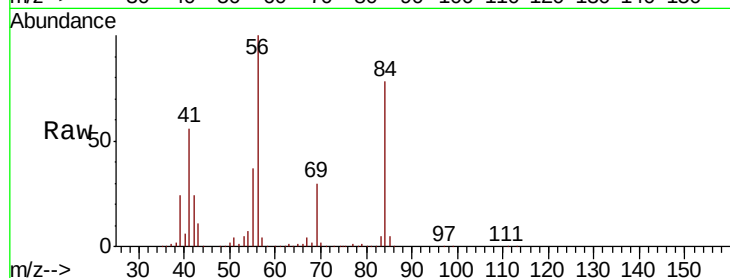
Tot Ion: 56 Resp: 202718

Ion Ratio Lower Upper

56 100

69 29.5 22.6 33.8

84 76.3 59.3 88.9



#32

1,1,1-Trichloroethane

Concen: 51.617 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

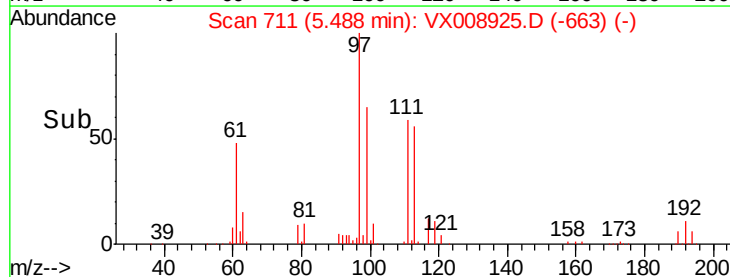
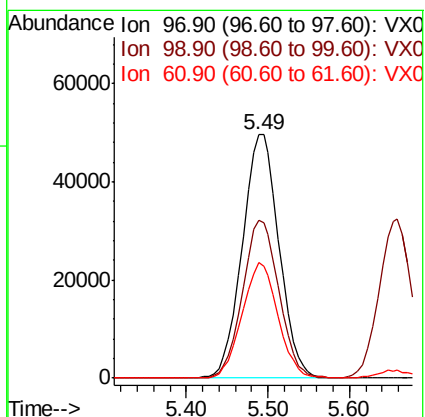
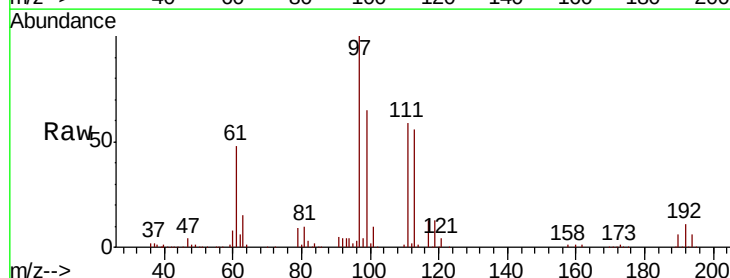
Tgt Ion: 97 Resp: 155563

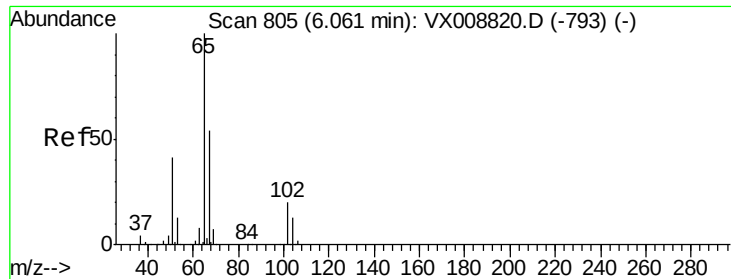
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 46.4 38.9 58.3

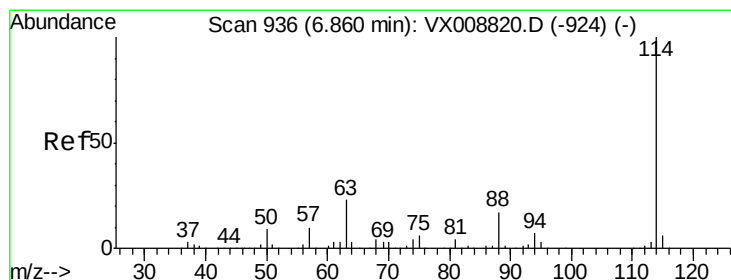
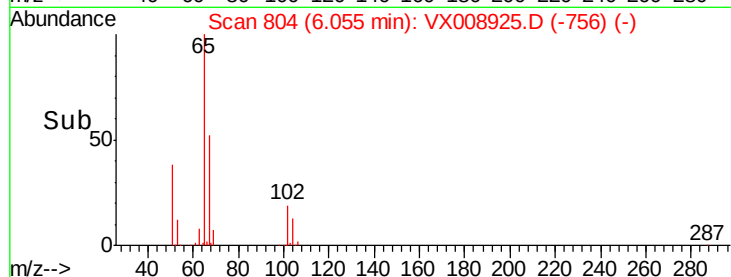
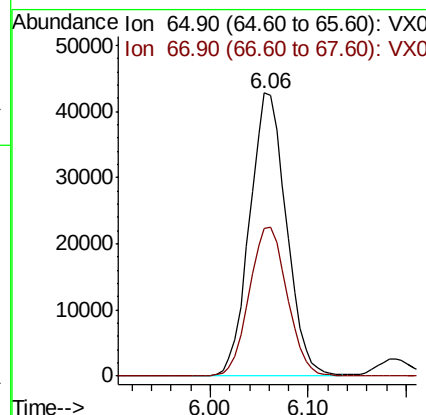
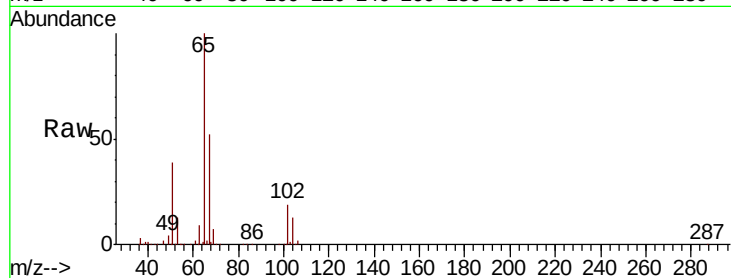




#33
 1,2-Dichloroethane-d4
 Concen: 46.277 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

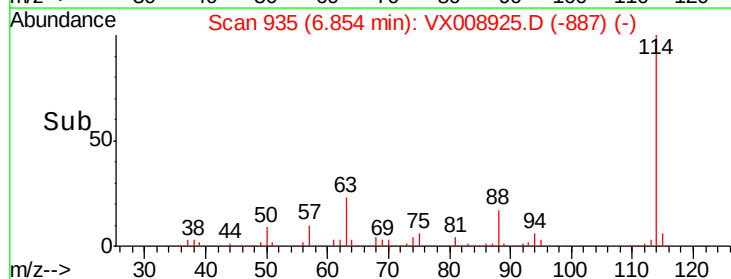
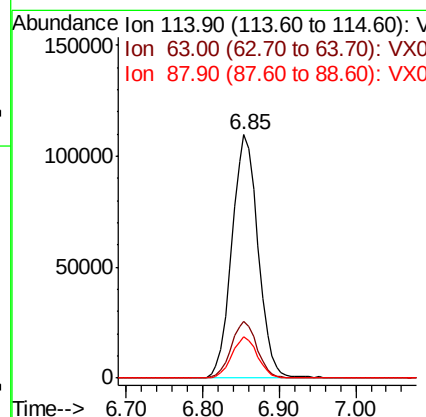
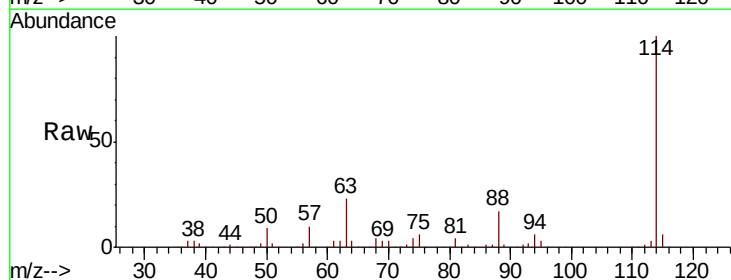
Instrument :
 MSVOA_X
 ClientSampleId :

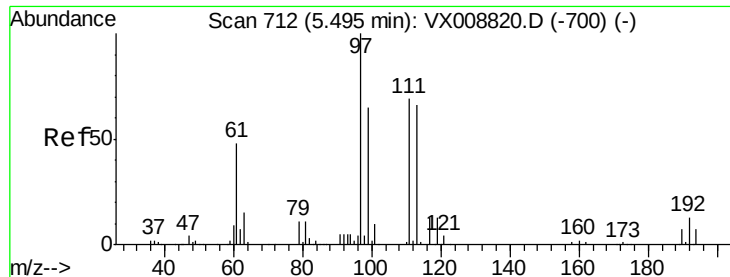
Tot Ion: 65 Resp: 111596
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 114 Resp: 259294
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 17.0 0.0 34.0

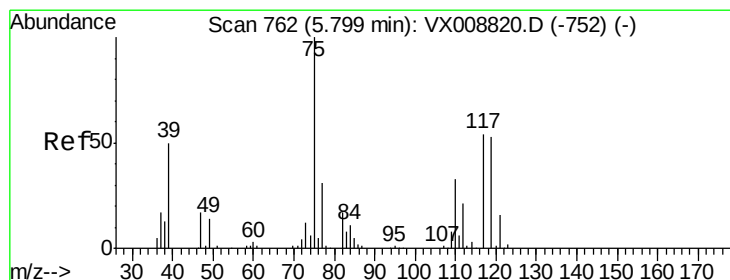
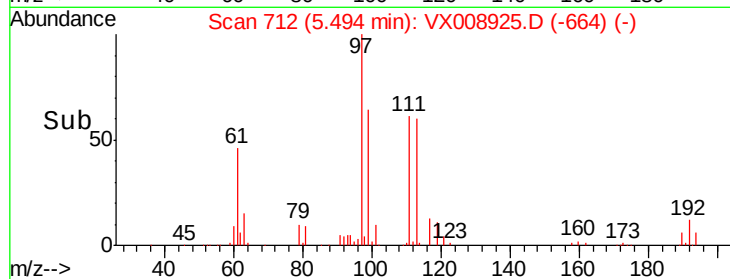
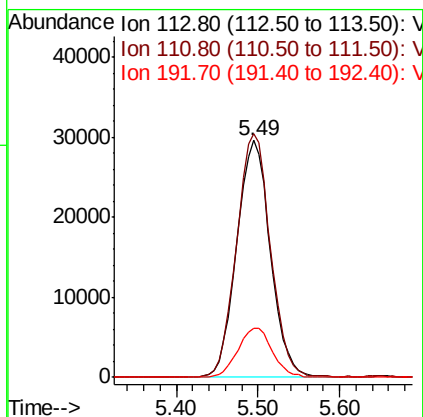
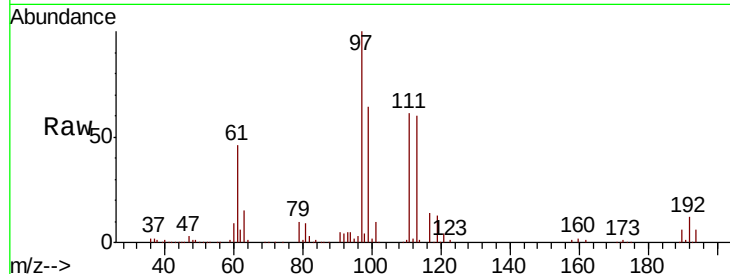




#35
 Dibromofluoromethane
 Concen: 51.002 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

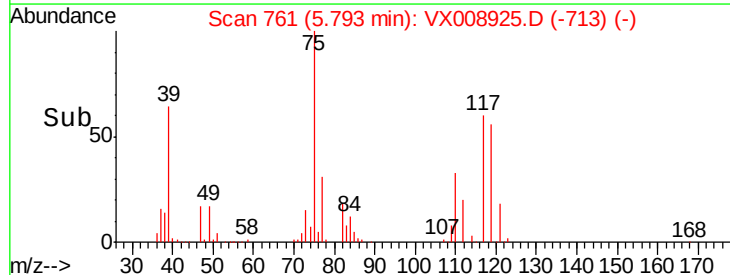
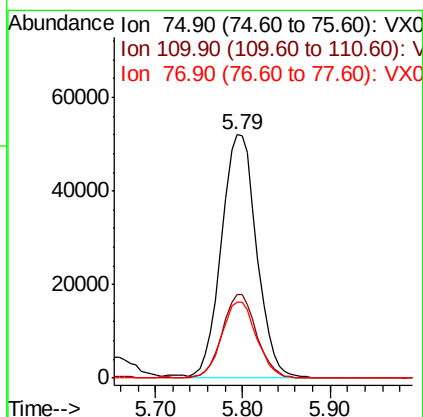
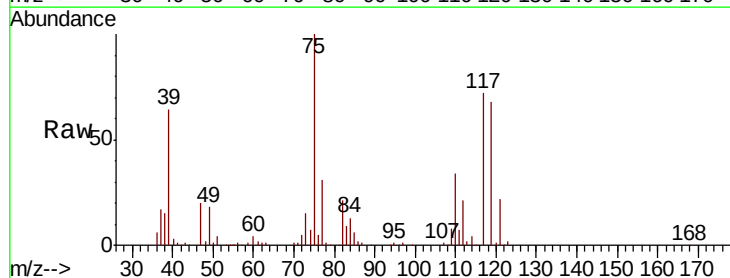
Instrument :
 MSVOA_X
 ClientSampleId :

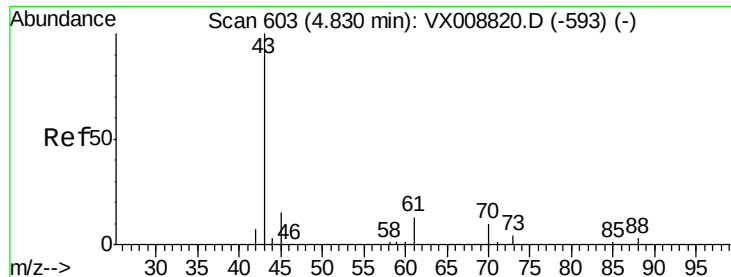
Tot Ion:113 Resp: 84553
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.4 125.2
 192 21.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 51.249 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 75 Resp: 145258
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.4 49.2
 77 31.5 24.7 37.1

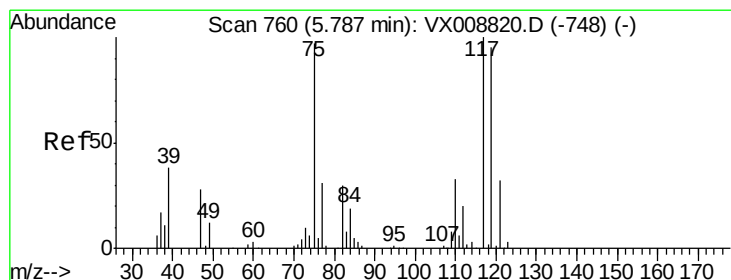
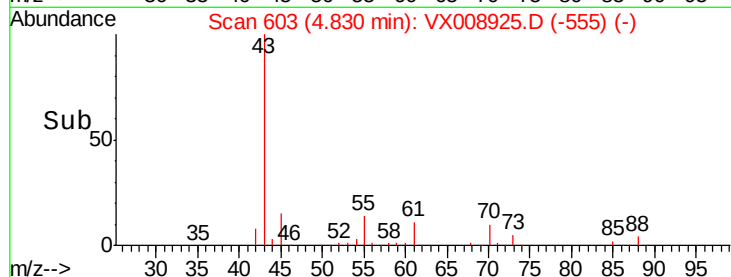
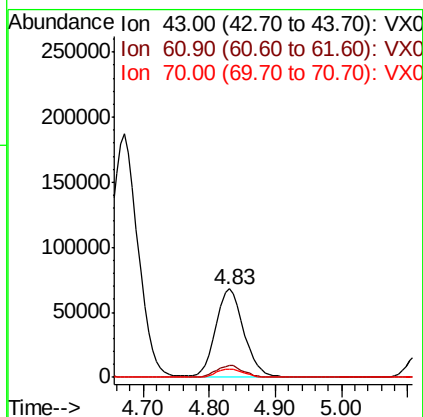
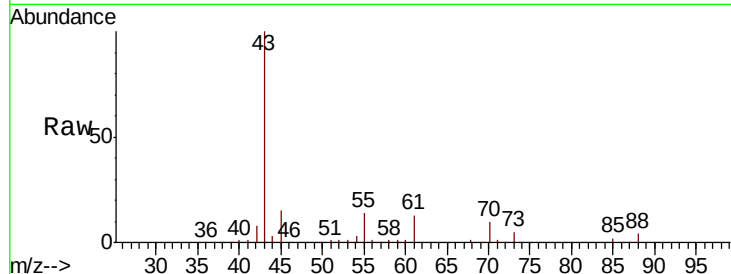




#37
Ethyl Acetate
Concen: 52.912 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

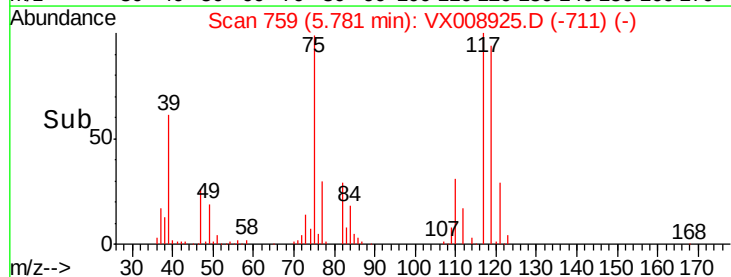
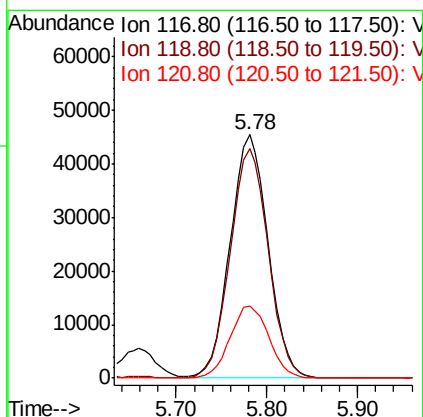
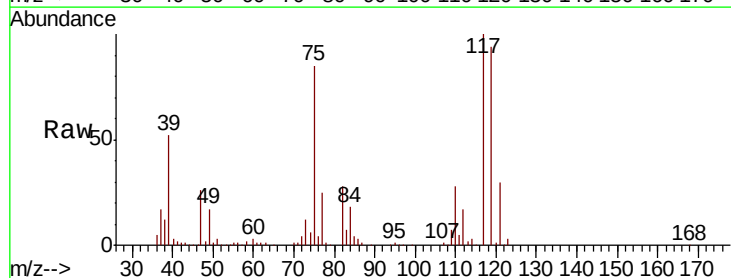
Instrument :
MSVOA_X
ClientSampled :

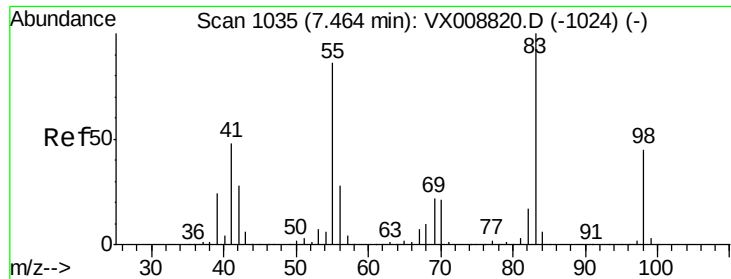
Tot Ion	43	Resp	200180
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.3	15.5
70	9.5	7.6	11.4



#38
Carbon Tetrachloride
Concen: 55.909 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion	117	Resp	131155
Ion Ratio	Lower	Upper	
117	100		
119	94.5	75.0	112.6
121	29.7	24.3	36.5

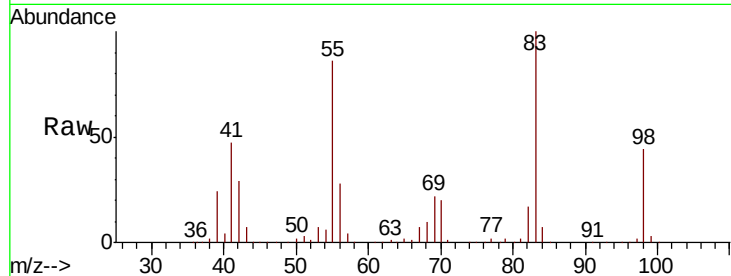




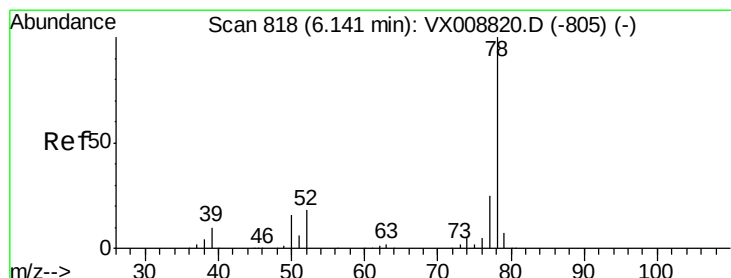
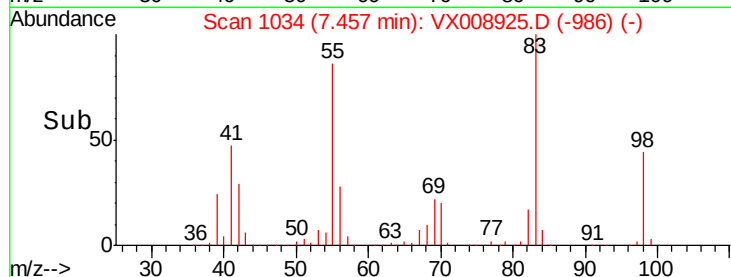
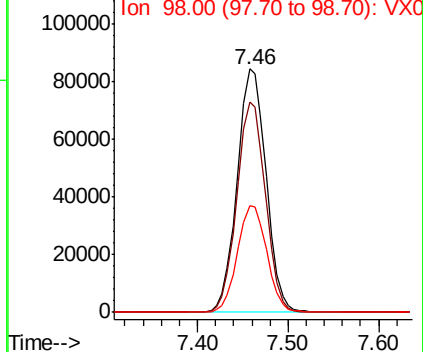
#39
Methylvlcyclohexane
Concen: 53.438 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 187106
Ion Ratio Lower Upper
83 100
55 86.3 69.0 103.6
98 44.0 34.4 51.6

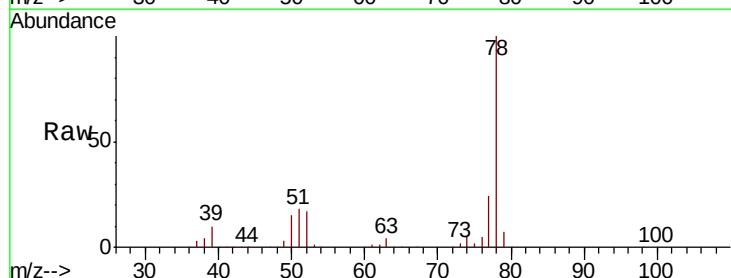


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

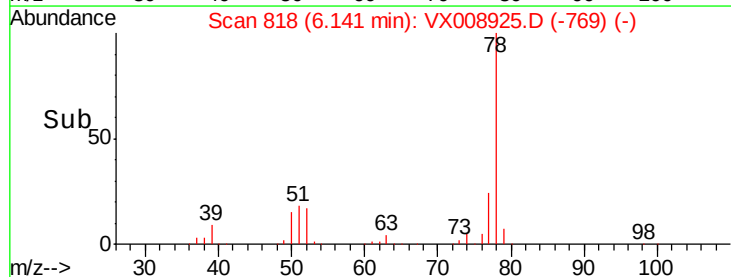
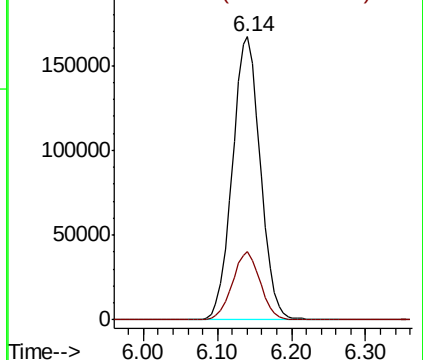


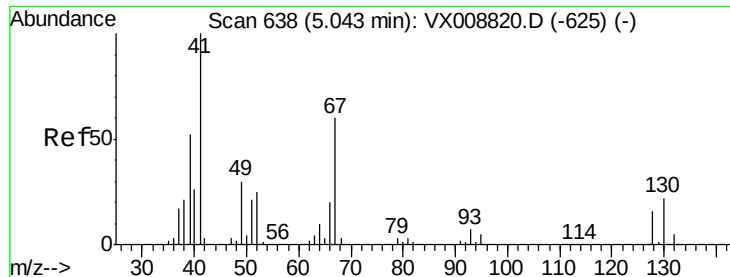
#40
Benzene
Concen: 52.029 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion: 78 Resp: 439321
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7



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





#41

Methacrylonitrile

Concen: 51.257 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 111467

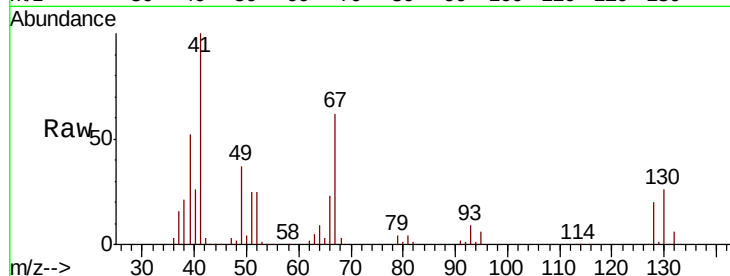
Ion Ratio Lower Upper

41 100

39 52.1 42.1 63.1

67 64.3 51.0 76.6

52 26.7 21.4 32.0

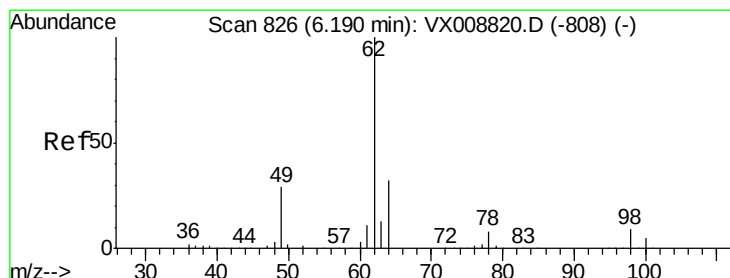
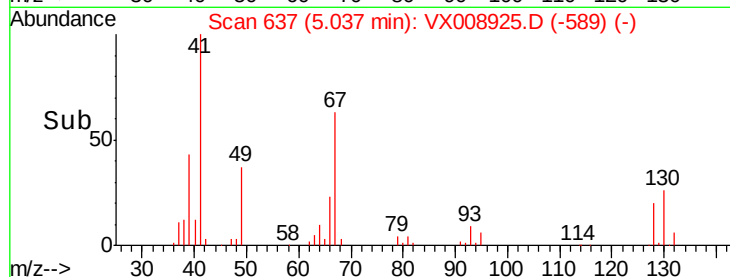
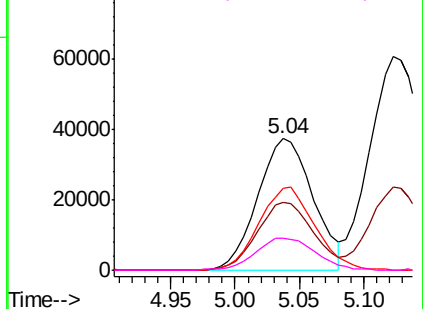


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.138 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008925.D

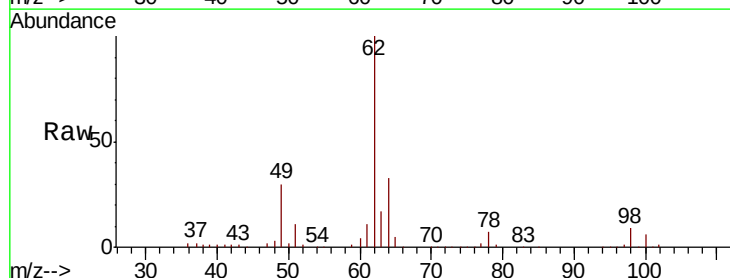
Acq: 13 Apr 2019 11:26

Tgt Ion: 62 Resp: 154800

Ion Ratio Lower Upper

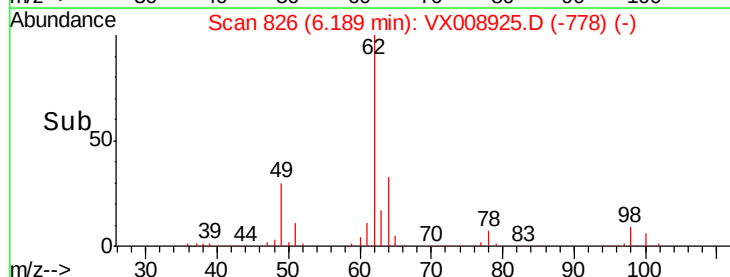
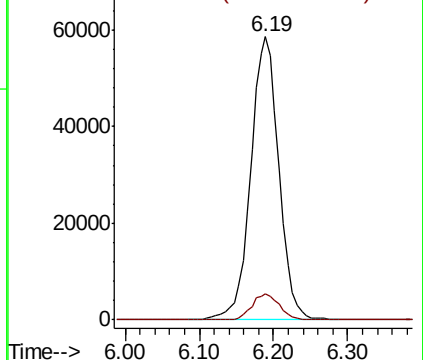
62 100

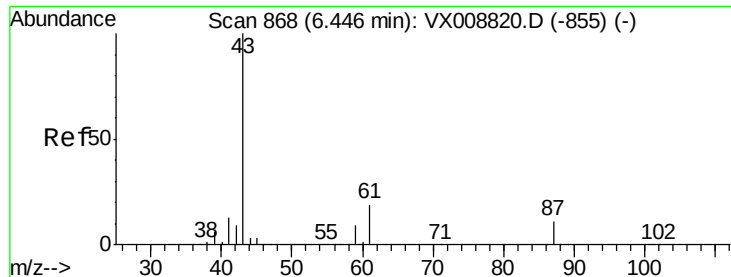
98 9.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.965 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

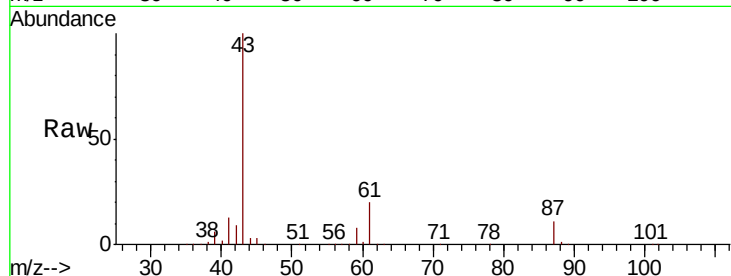
Tot Ion: 43 Resp: 319824

Ion Ratio Lower Upper

43 100

61 19.3 15.3 22.9

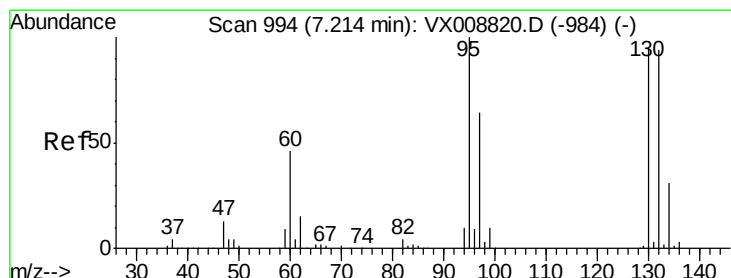
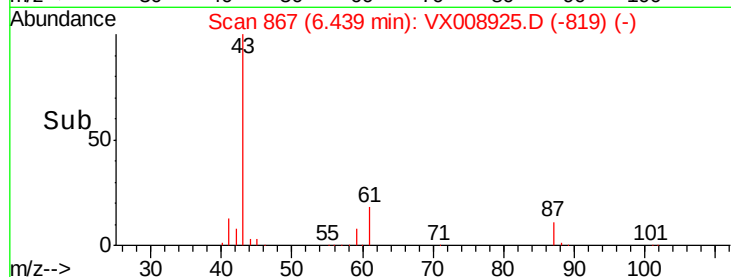
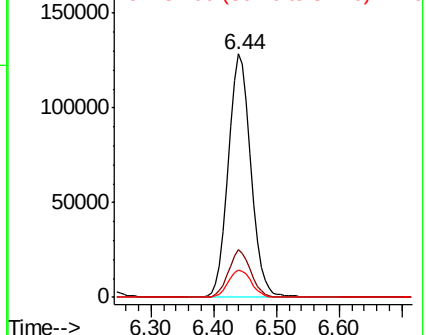
87 11.6 9.0 13.6



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: 54.271 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008925.D

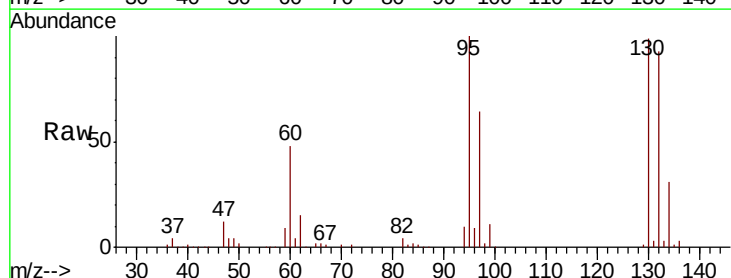
Acq: 13 Apr 2019 11:26

Tgt Ion:130 Resp: 106730

Ion Ratio Lower Upper

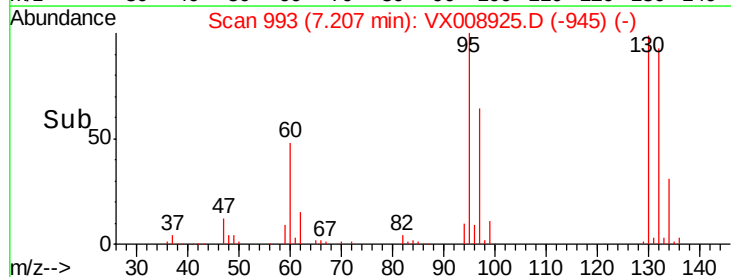
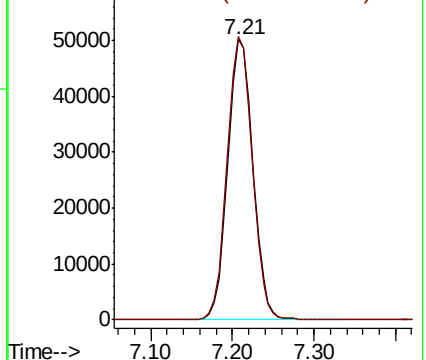
130 100

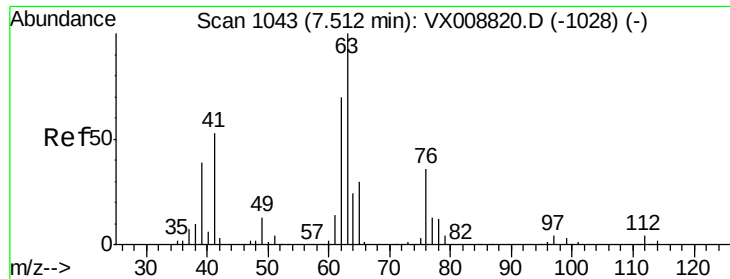
95 100.9 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

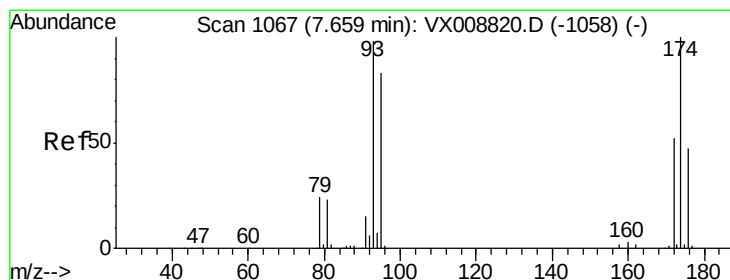
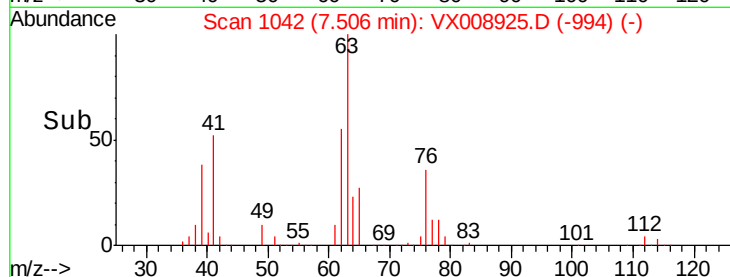
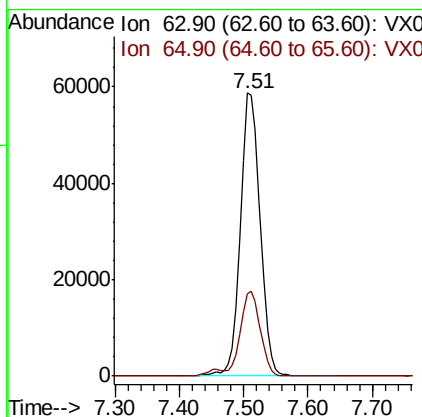
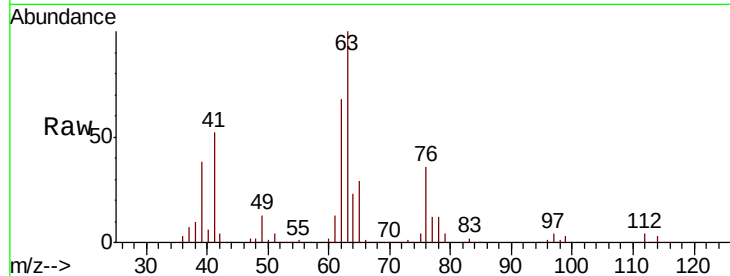




#45
 1,2-Dichloropropane
 Concen: 51.778 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

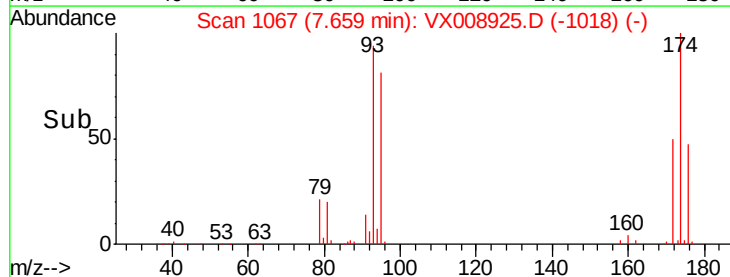
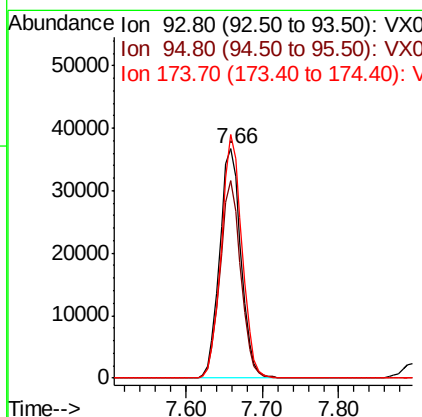
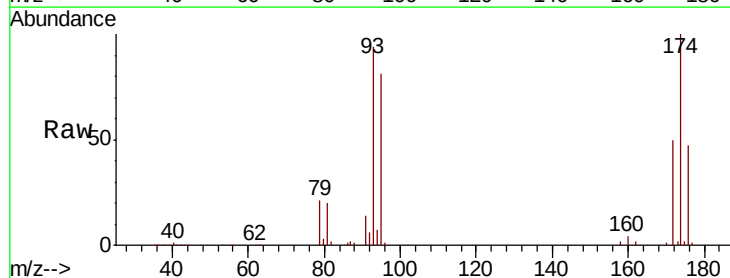
Instrument :
 MSVOA_X
 ClientSampleId :

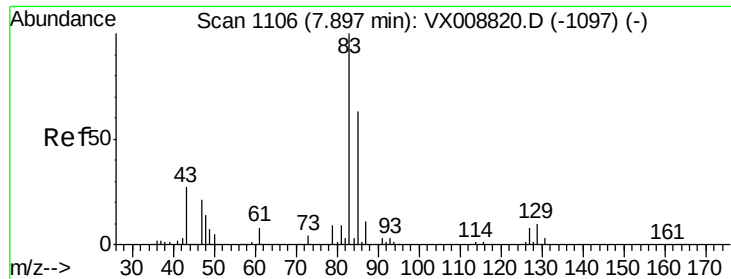
Tot Ion: 63 Resp: 124789
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.2 36.4



#46
 Dibromomethane
 Concen: 50.803 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 93 Resp: 71013
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 99.8
 174 102.6 77.7 116.5

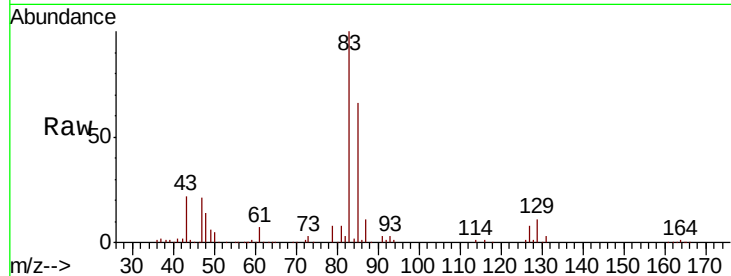




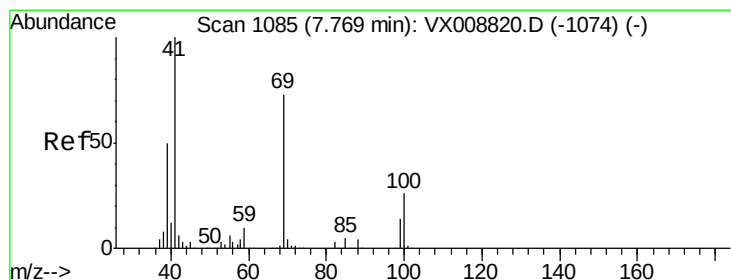
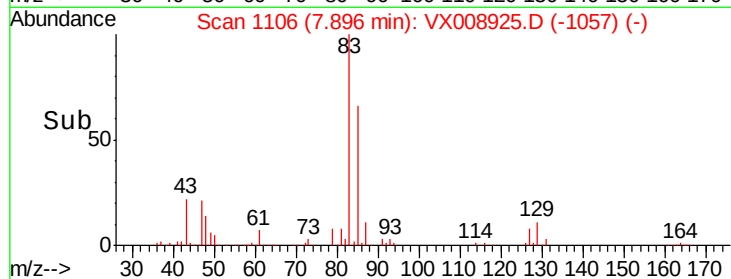
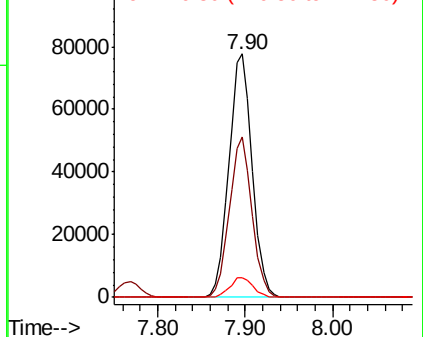
#47
 Bromodichloromethane
 Concen: 54.352 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 83 Resp: 143248
 Ion Ratio Lower Upper
 83 100
 85 65.7 51.2 76.8
 127 8.3 6.6 10.0

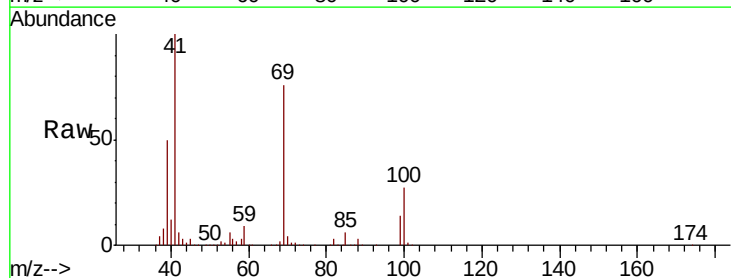


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

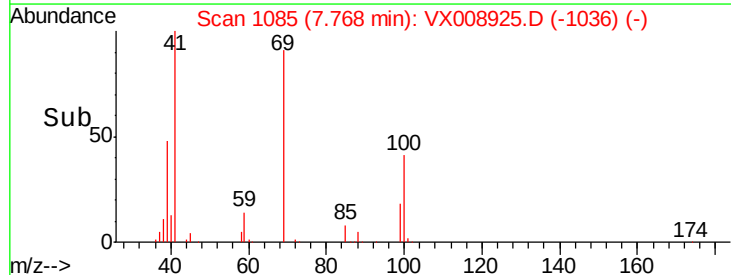
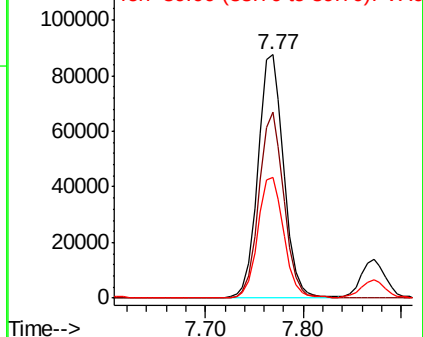


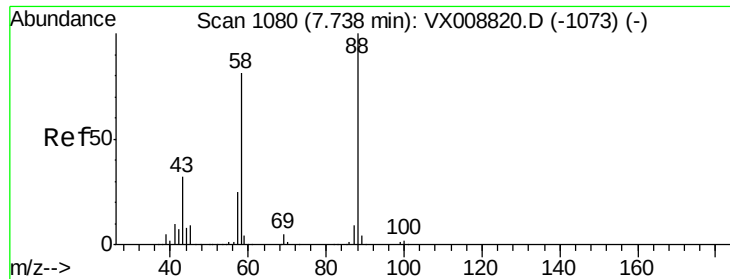
#48
 Methyl methacrylate
 Concen: 53.462 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 41 Resp: 160274
 Ion Ratio Lower Upper
 41 100
 69 74.8 59.0 88.4
 39 50.2 41.0 61.4



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

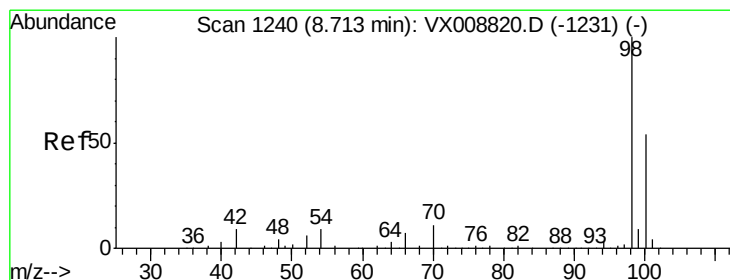
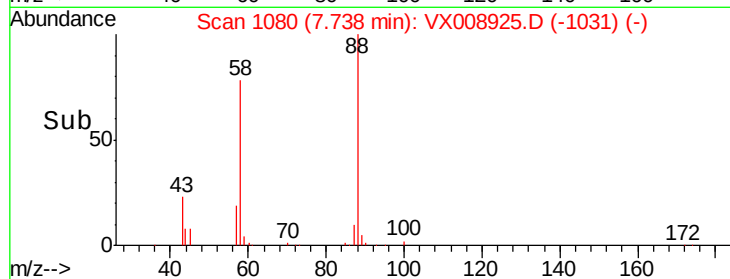
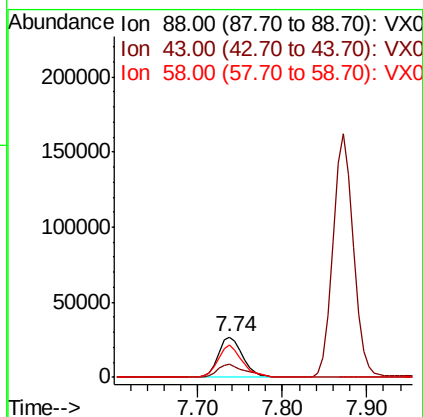
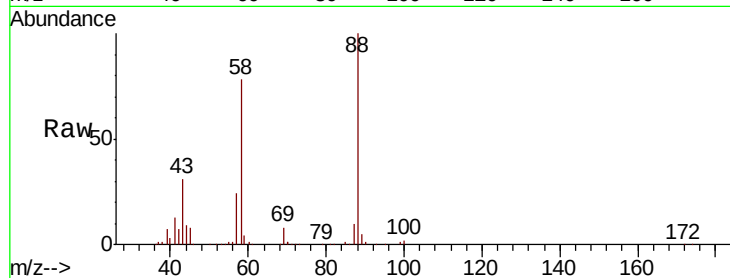




#49
1,4-Dioxane
Concen: 971.610 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

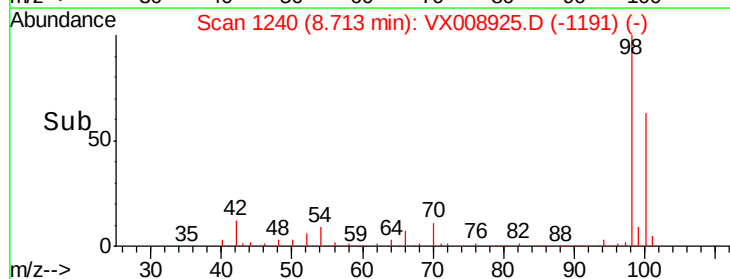
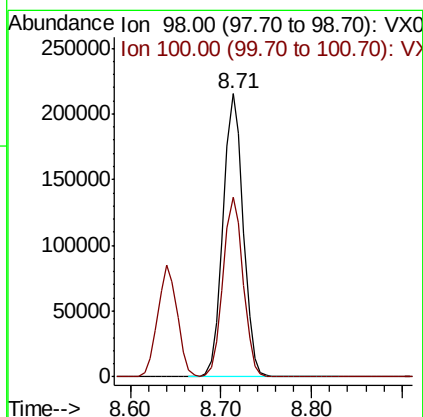
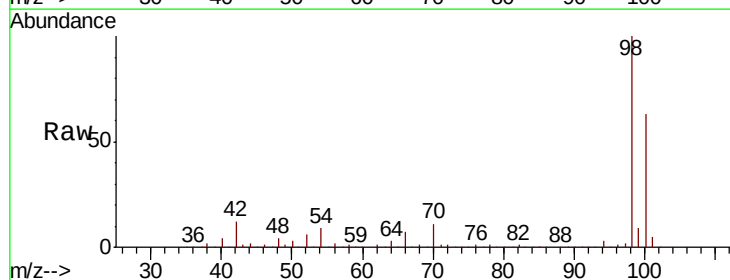
Instrument :
MSVOA_X
ClientSampleId :

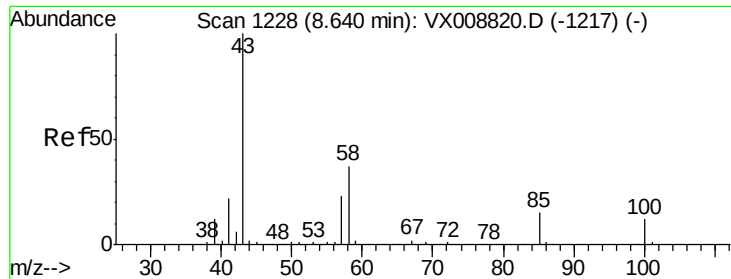
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	28.6	43.0
58	78.4	62.2	93.2



#50
Toluene-d8
Concen: 50.585 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 263.334 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

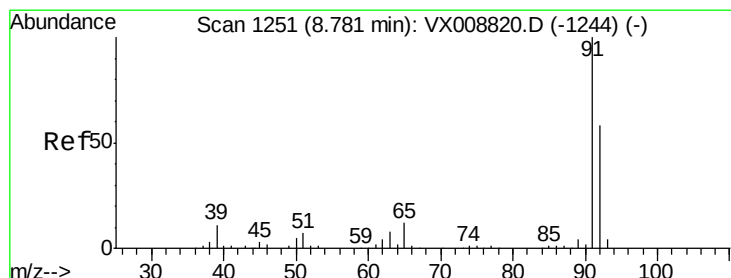
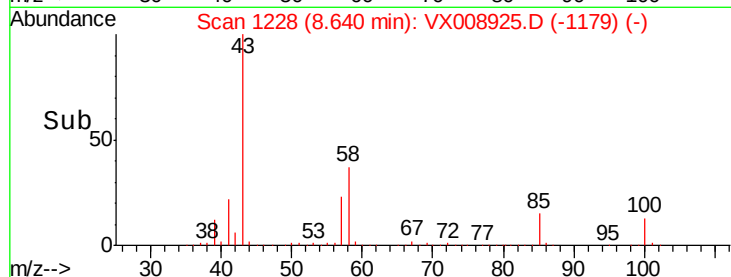
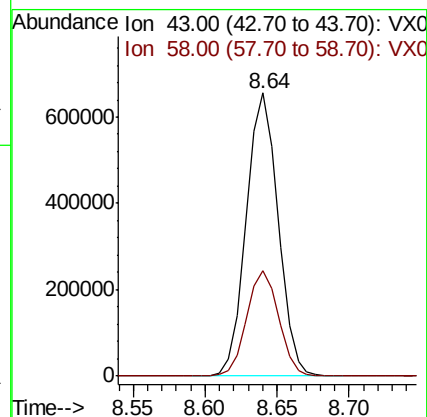
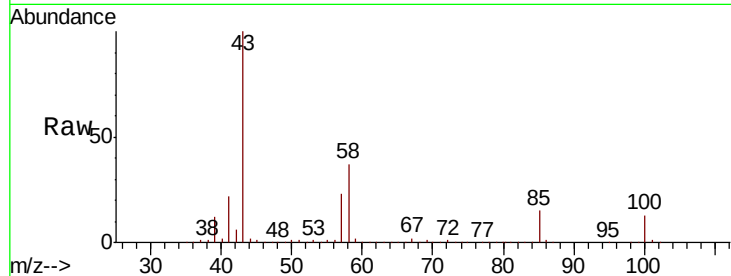
ClientSampleId :

Tot Ion: 43 Resp: 1004643

Ion Ratio Lower Upper

43 100

58 37.3 29.5 44.3



#52

Toluene

Concen: 53.447 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008925.D

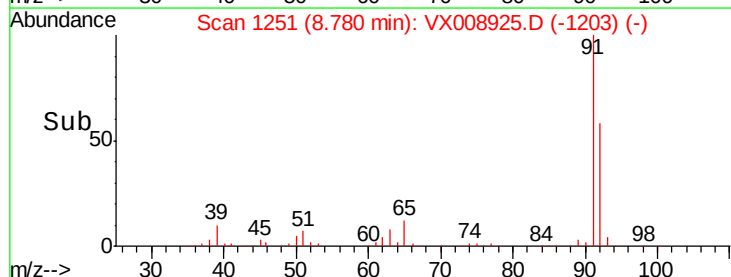
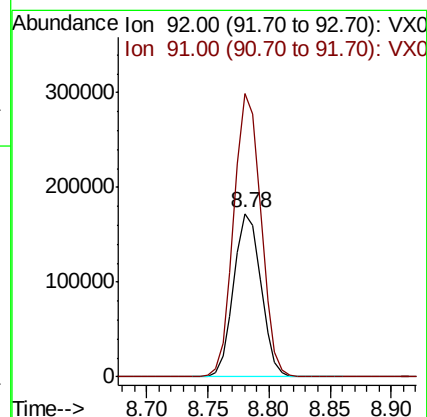
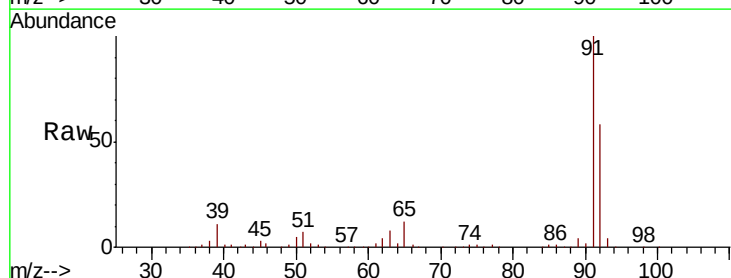
Acq: 13 Apr 2019 11:26

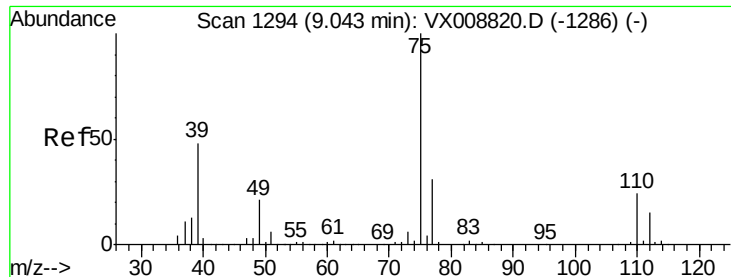
Tgt Ion: 92 Resp: 266063

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7

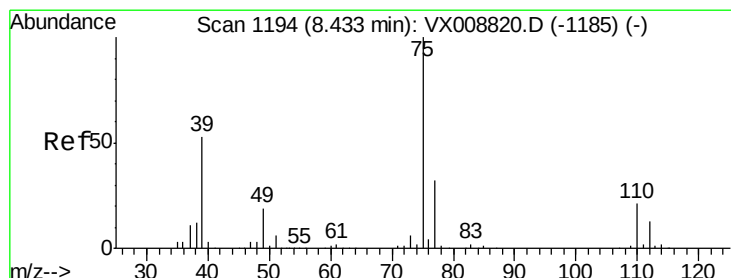
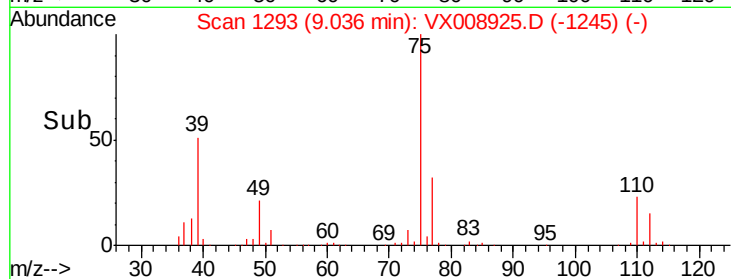
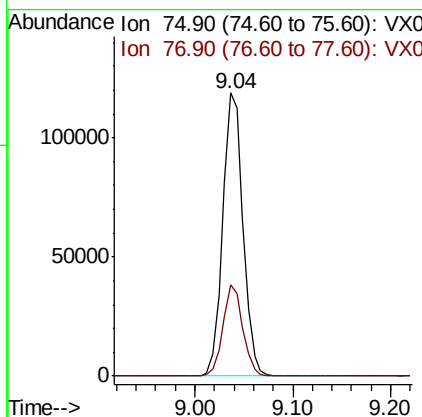
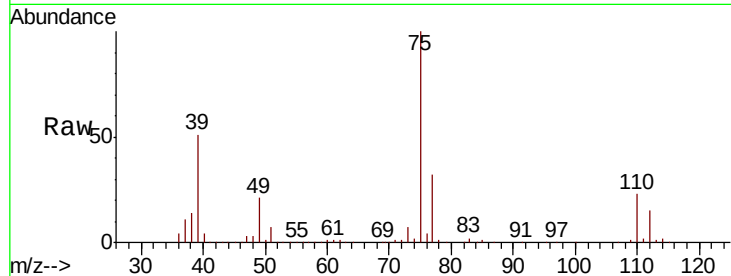




#53
 t-1,3-Dichloropropene
 Concen: 57.873 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

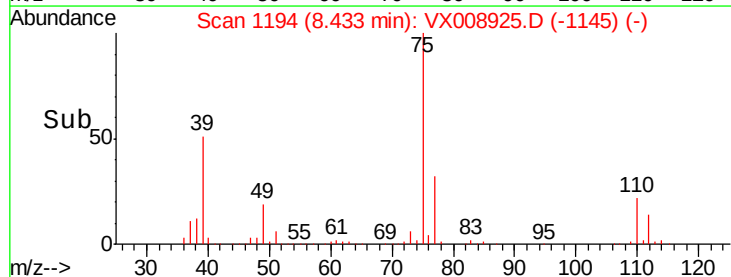
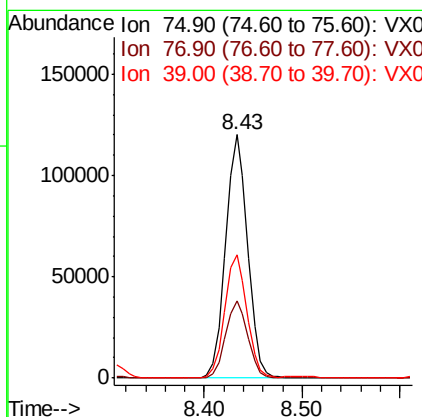
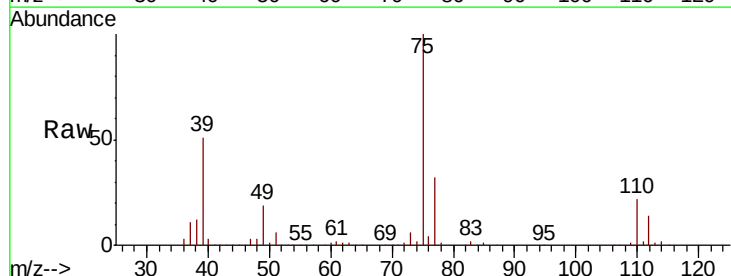
Instrument :
 MSVOA_X
 ClientSampled :

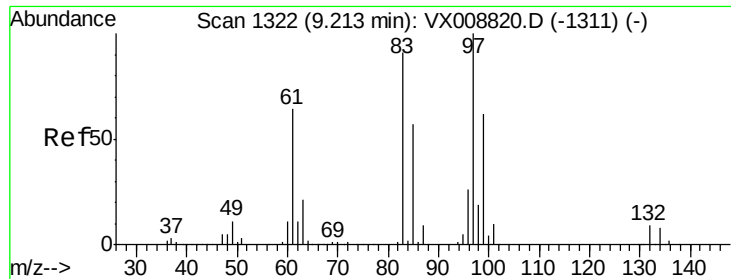
Tot Ion: 75 Resp: 170857
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 55.434 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 75 Resp: 187001
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 50.6 42.6 63.8



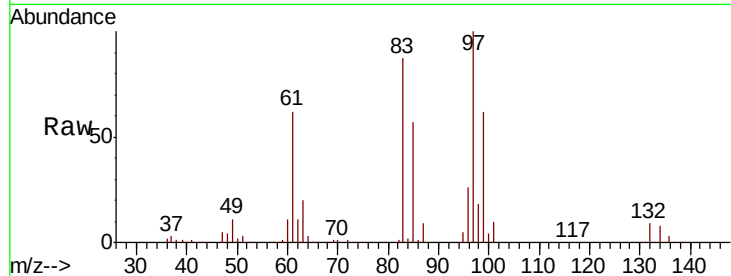


#55
 1,1,2-Trichloroethane
 Concen: 53.065 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 106036

Ion	Ratio	Lower	Upper
97	100		
83	87.4	73.2	109.8
85	57.3	46.6	69.8
99	62.1	50.1	75.1



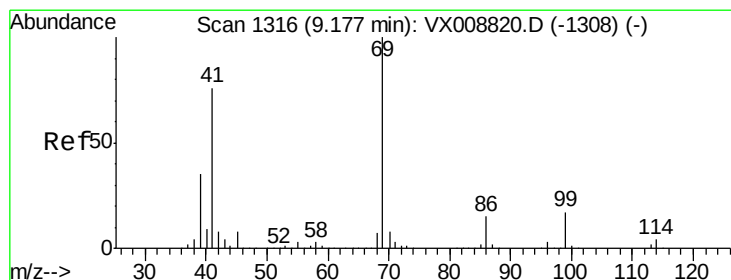
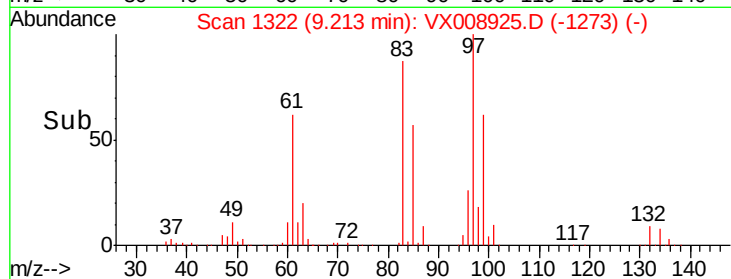
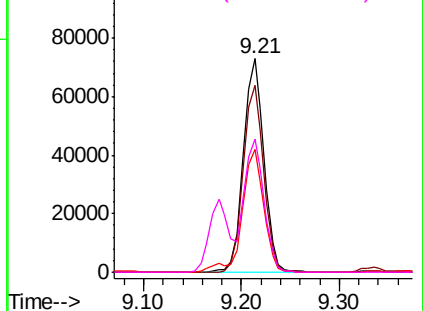
Abundance

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

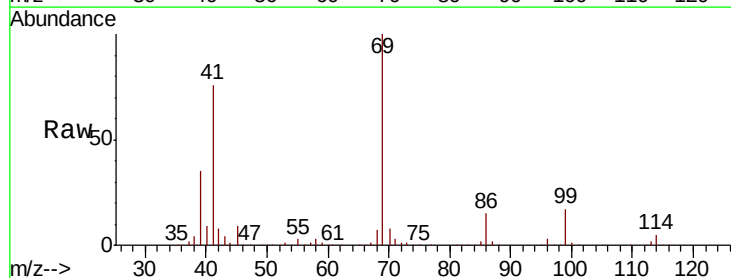
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 54.547 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 69 Resp: 197212

Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.1	90.1
39	35.2	28.9	43.3

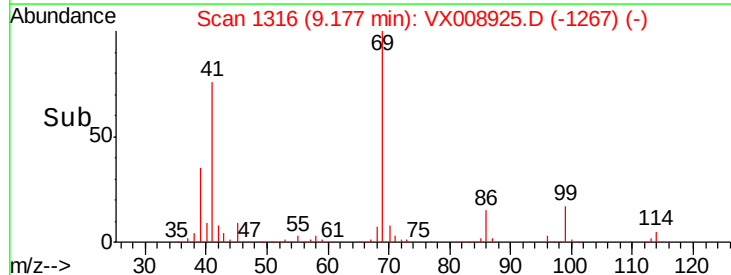
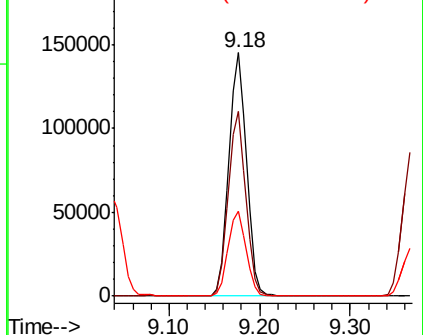


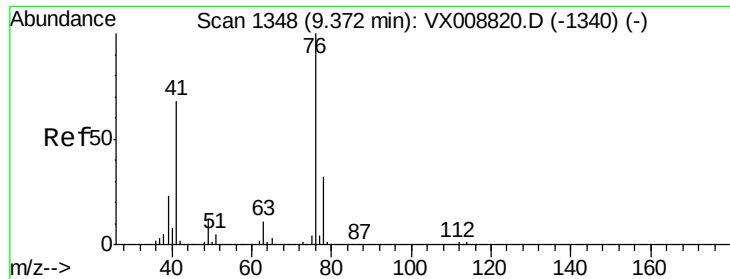
Abundance

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: 52.516 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

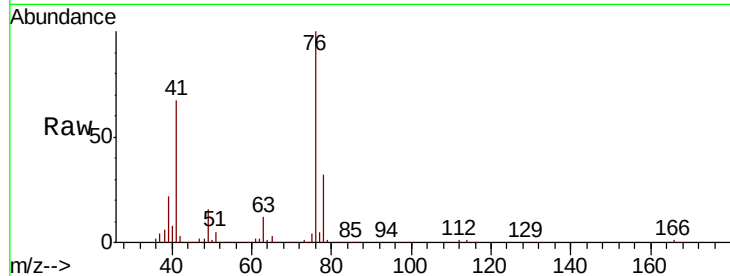
ClientSampled :

Tot Ion: 76 Resp: 188435

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

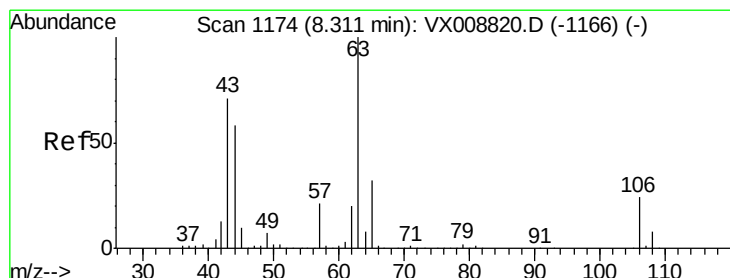
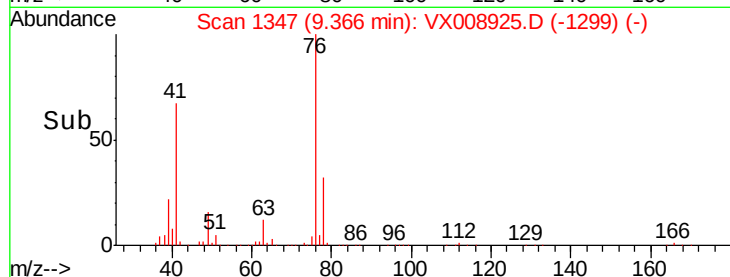
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.507 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008925.D

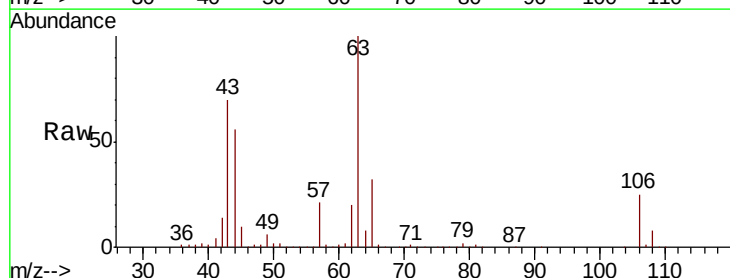
Acq: 13 Apr 2019 11:26

Tgt Ion: 63 Resp: 480927

Ion Ratio Lower Upper

63 100

106 24.9 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

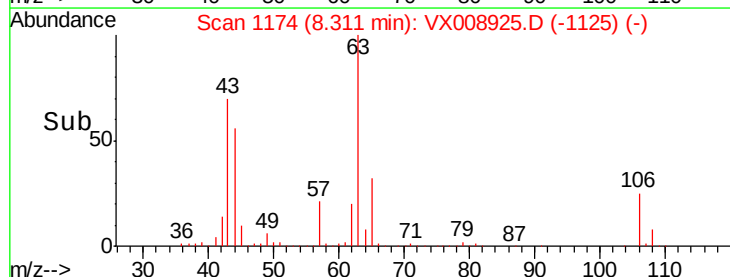
200000

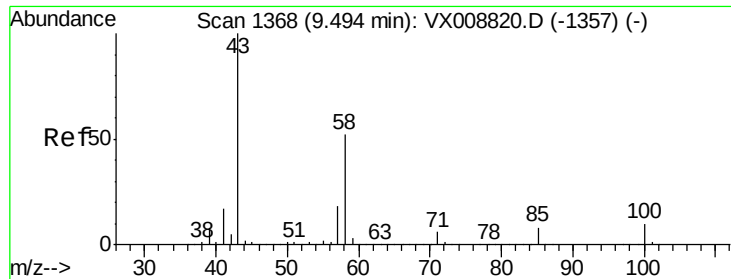
100000

0

8.20 8.30 8.40

Time-->

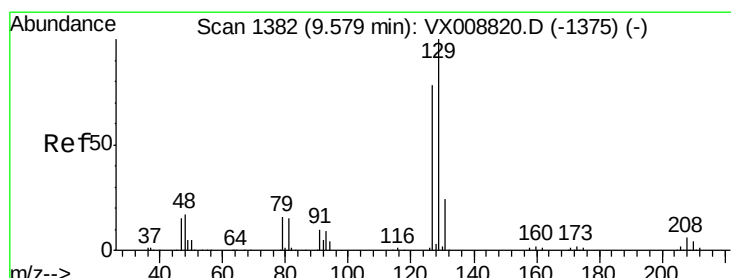
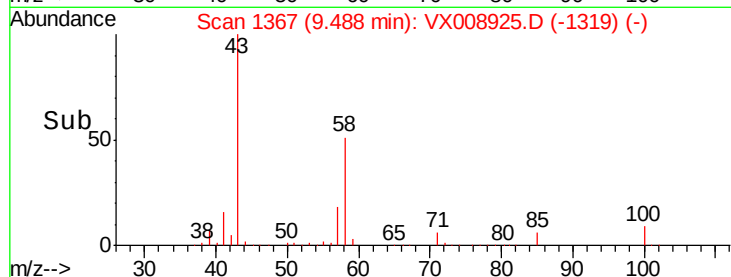
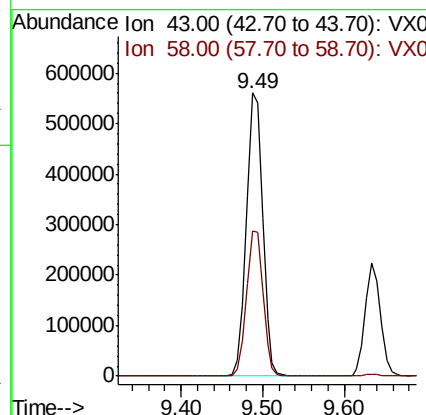
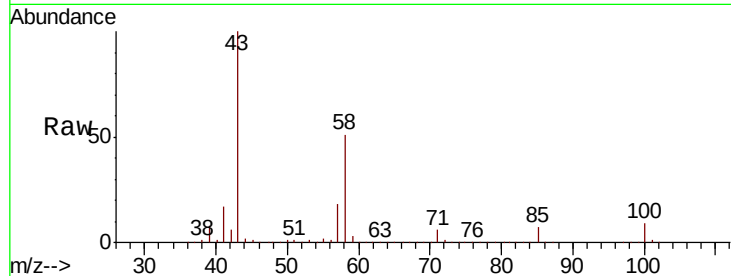




#59
2-Hexanone
Concen: 260.317 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

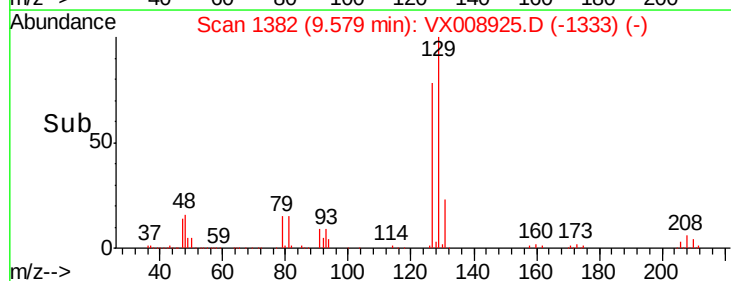
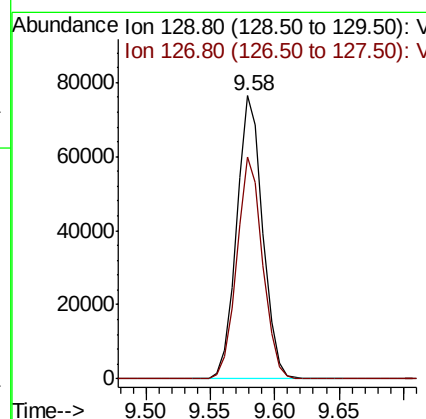
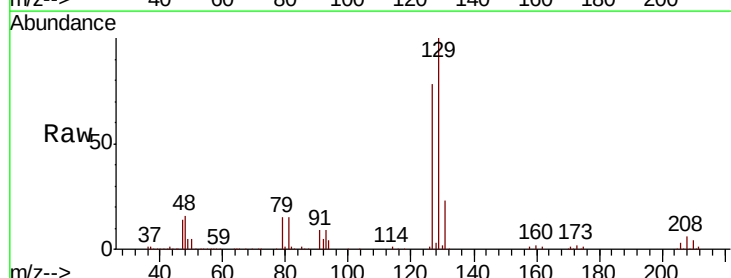
Instrument :
MSVOA_X
ClientSampleId :

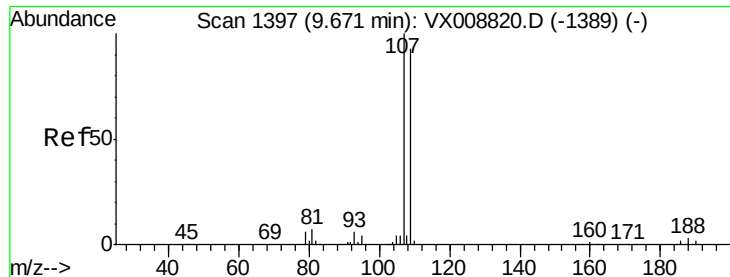
Tot Ion: 43 Resp: 771812
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.7



#60
Dibromochloromethane
Concen: 57.106 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion:129 Resp: 107529
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.056 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

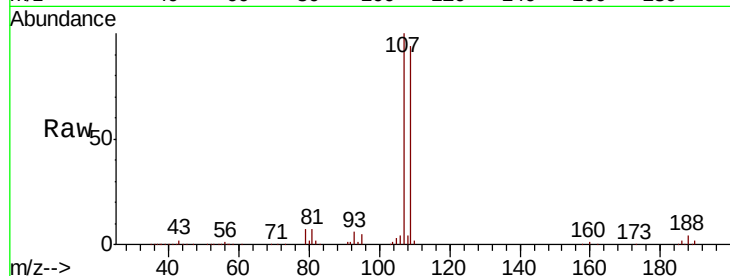
ClientSampleId :

Tot Ion:107 Resp: 110369

Ion Ratio Lower Upper

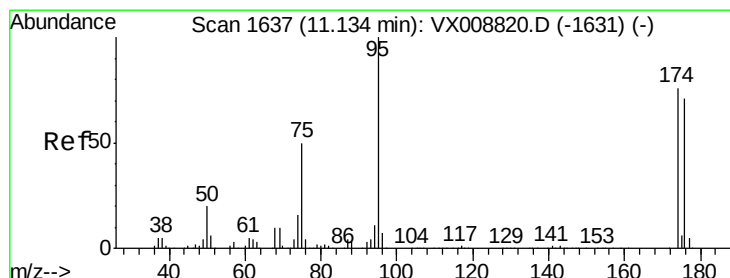
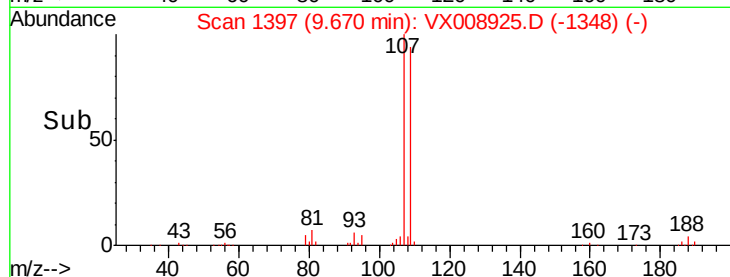
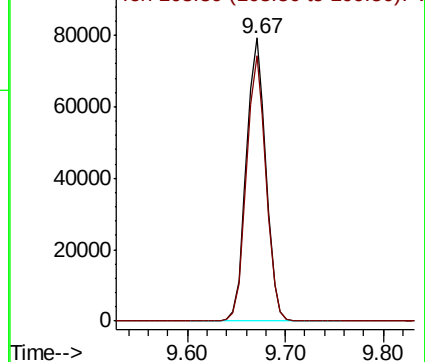
107 100

109 93.6 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.548 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

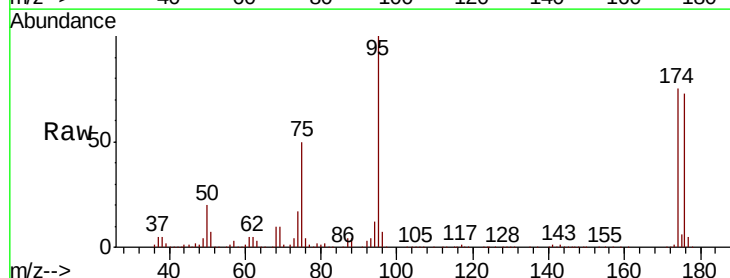
Tgt Ion: 95 Resp: 123006

Ion Ratio Lower Upper

95 100

174 79.8 0.0 151.8

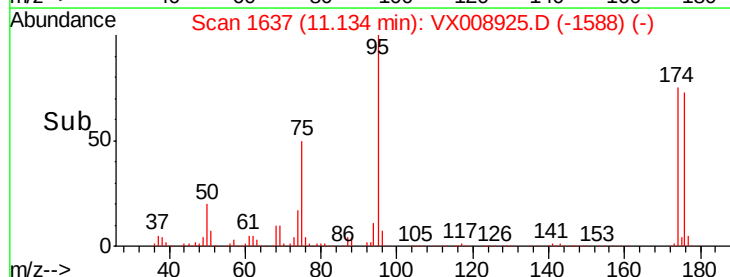
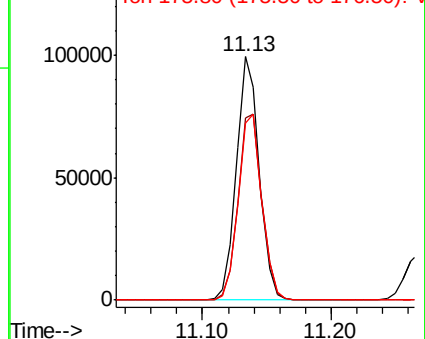
176 78.5 0.0 145.8

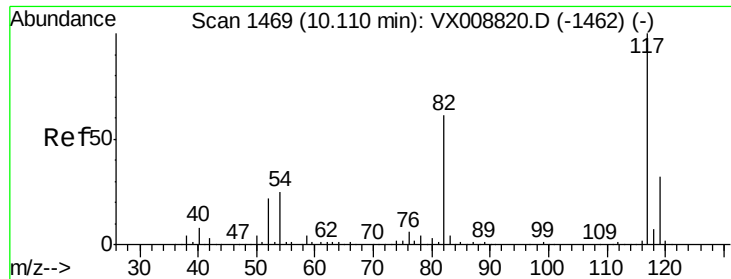


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

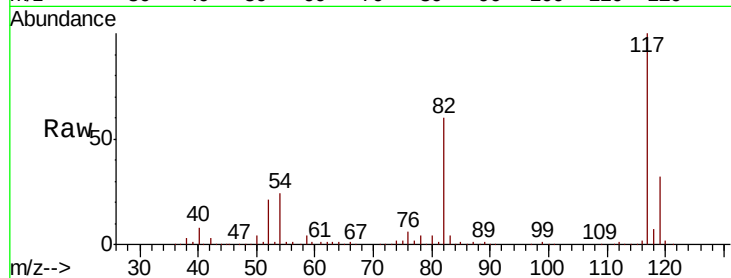




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	49.6	74.4
119	31.9	25.0	37.4

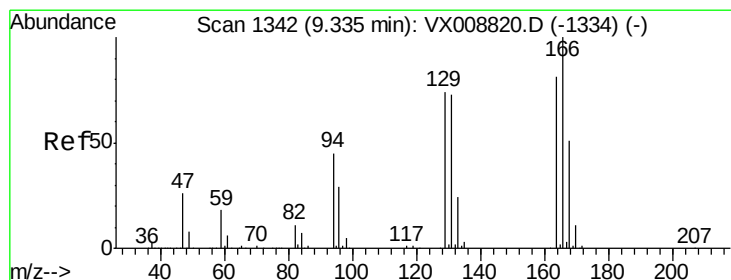
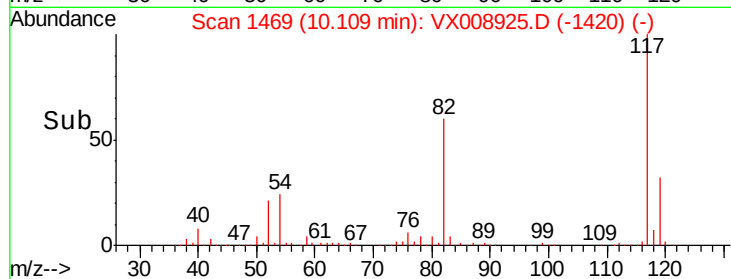
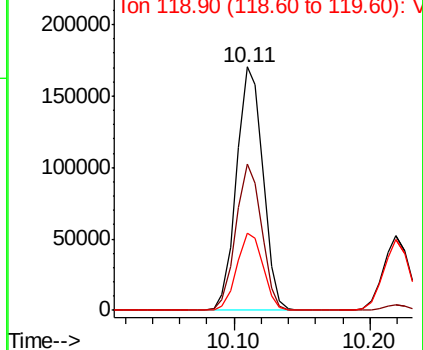


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 57.169 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.0	151.6
129	90.9	75.8	113.8
131	89.2	71.8	107.8

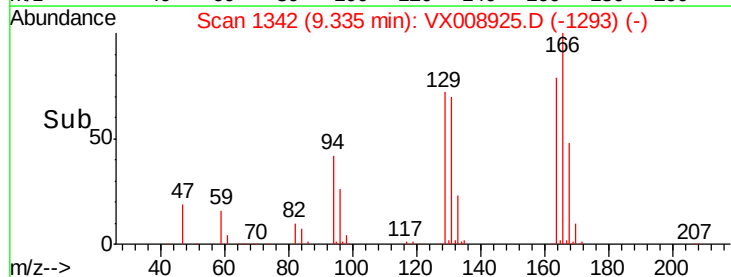
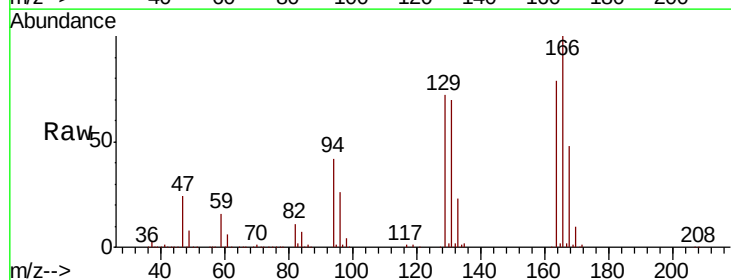
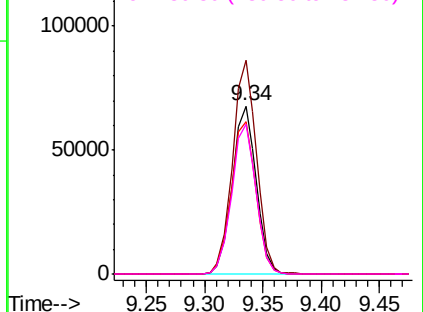
Abundance

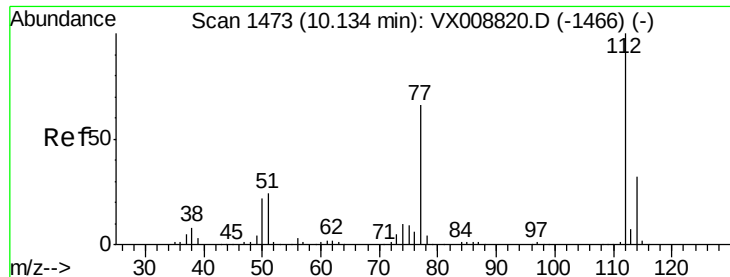
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

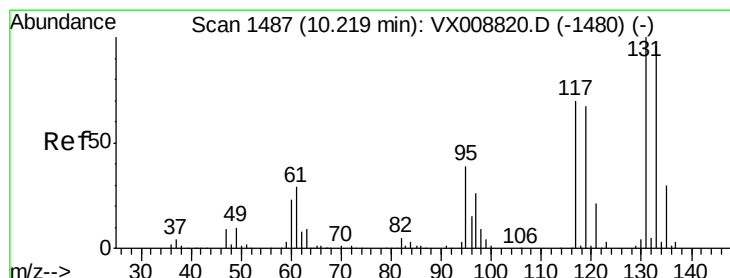
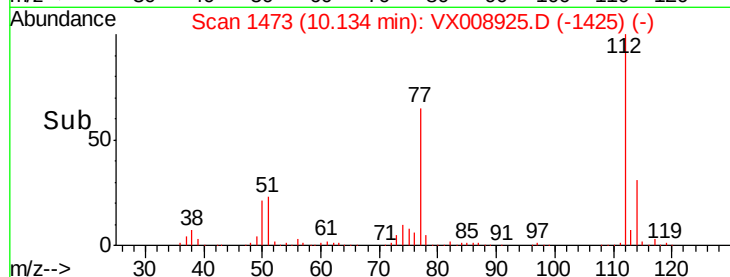
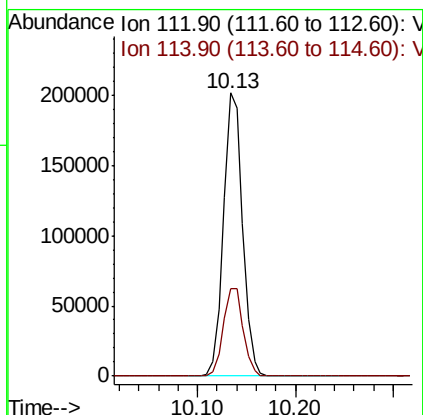
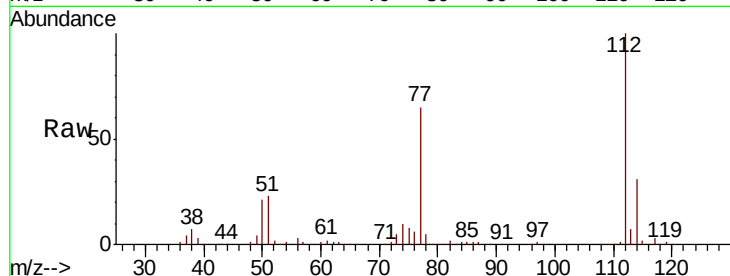




#65
Chlorobenzene
Concen: 53.224 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

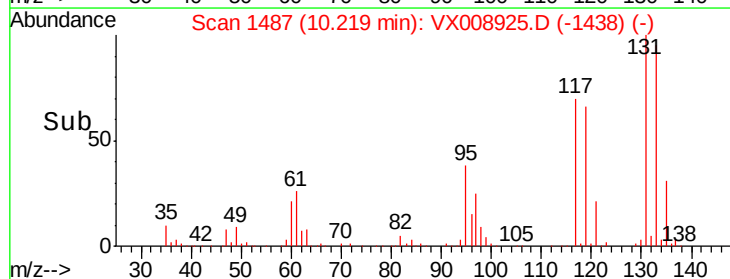
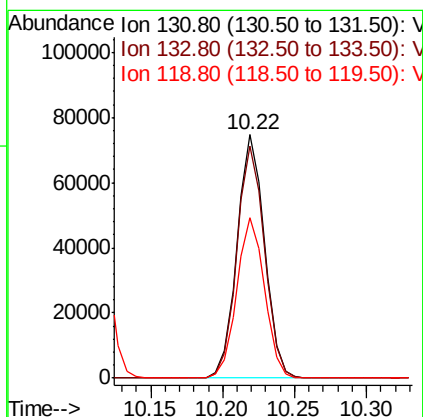
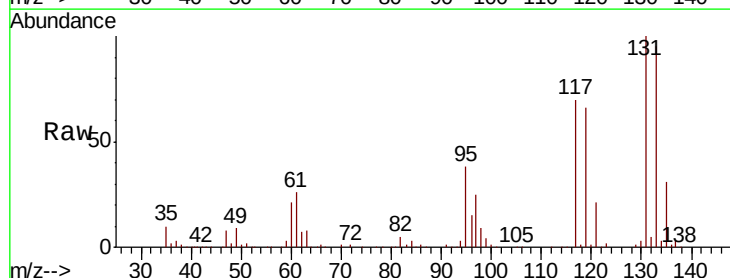
Instrument :
MSVOA_X
ClientSampleId :

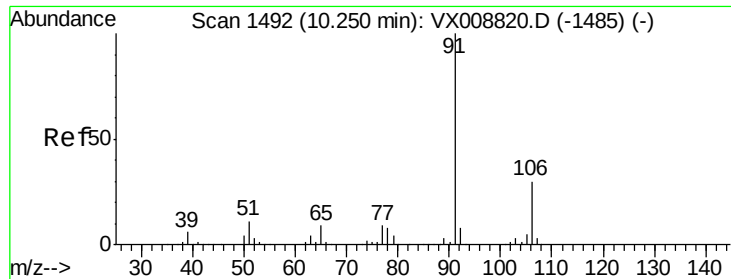
Tot Ion:112 Resp: 272000
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.361 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion:131 Resp: 99253
Ion Ratio Lower Upper
131 100
133 96.0 47.0 141.2
119 66.7 33.7 101.0

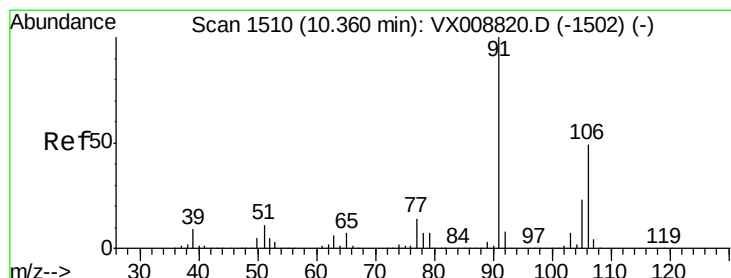
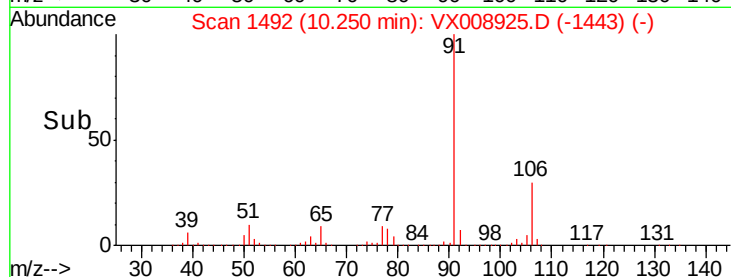
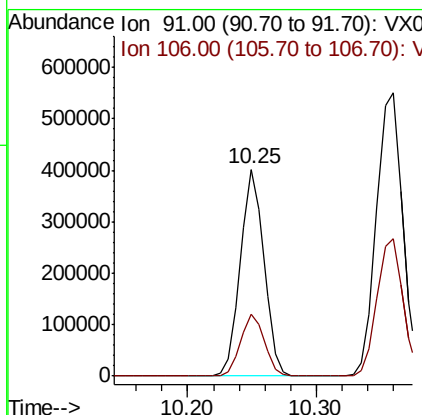
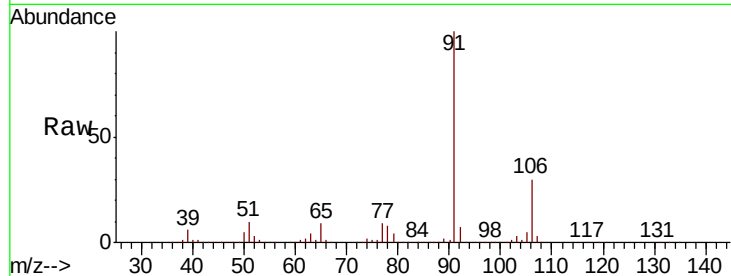




#67
Ethyl Benzene
Concen: 53.641 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

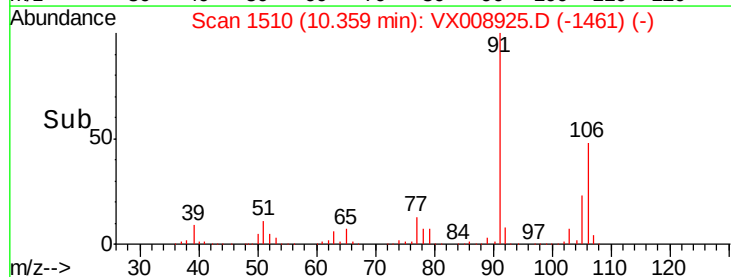
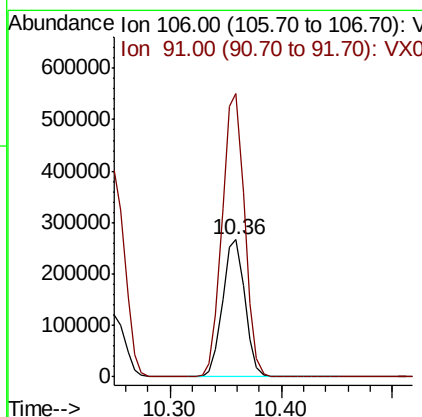
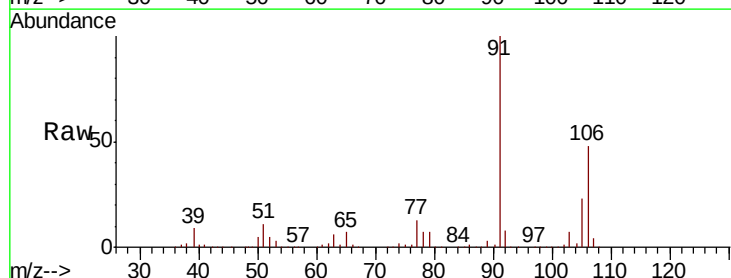
Instrument :
MSVOA_X
ClientSampled :

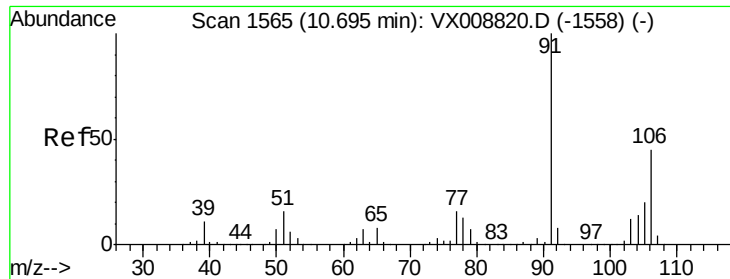
Tot Ion: 91 Resp: 511166
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



#68
m/p-Xylenes
Concen: 107.944 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion: 106 Resp: 369849
Ion Ratio Lower Upper
106 100
91 207.7 168.5 252.7

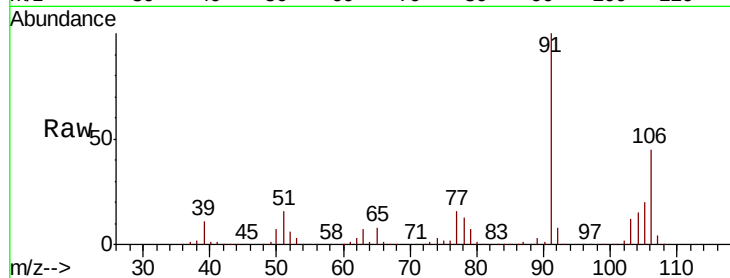




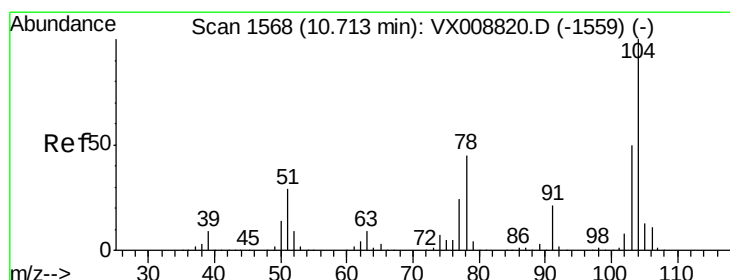
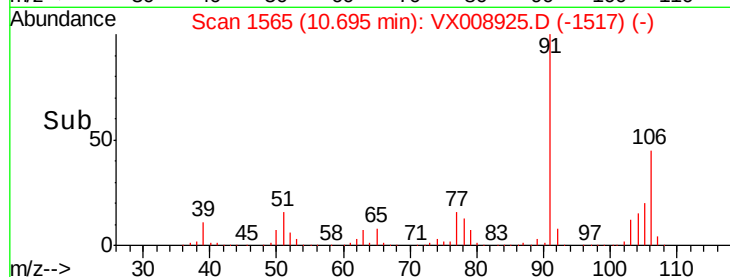
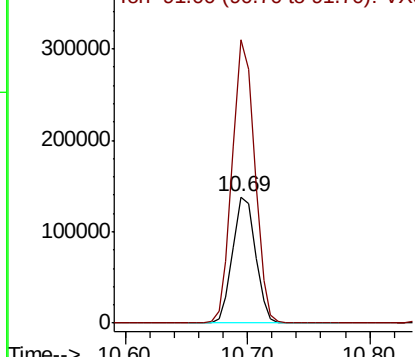
#69
o-Xylene
Concen: 53.731 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 178413
Ion Ratio Lower Upper
106 100
91 220.0 111.5 334.4

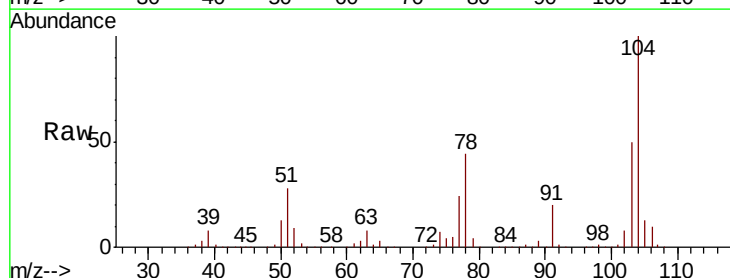


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

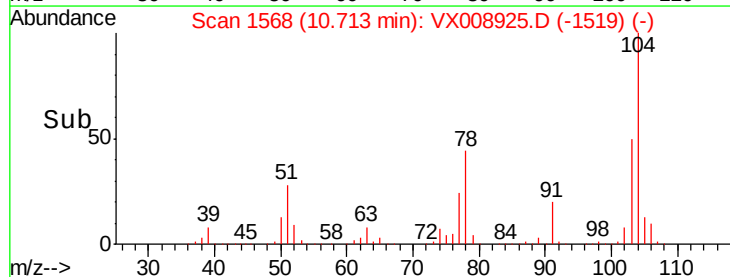
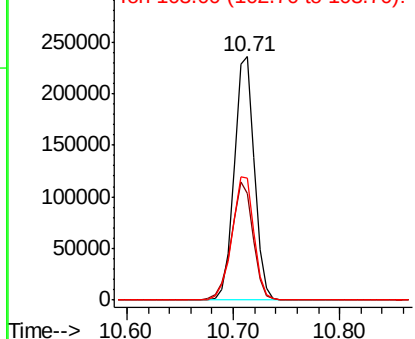


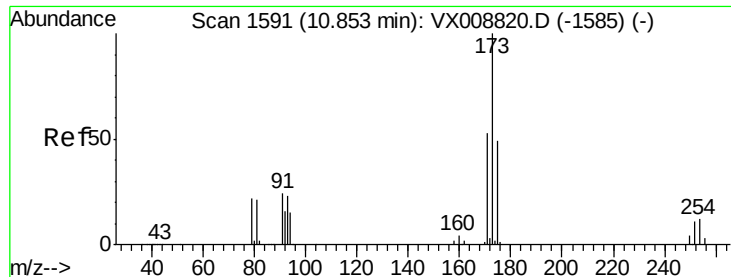
#70
Styrene
Concen: 54.854 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion:104 Resp: 313968
Ion Ratio Lower Upper
104 100
78 51.9 42.3 63.5
103 55.1 44.4 66.6



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: 58.951 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

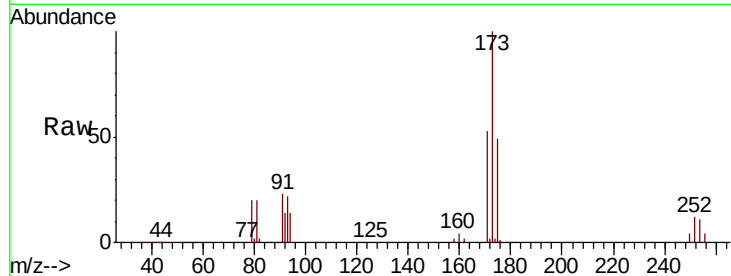
Tot Ion:173 Resp: 80720

Ion Ratio Lower Upper

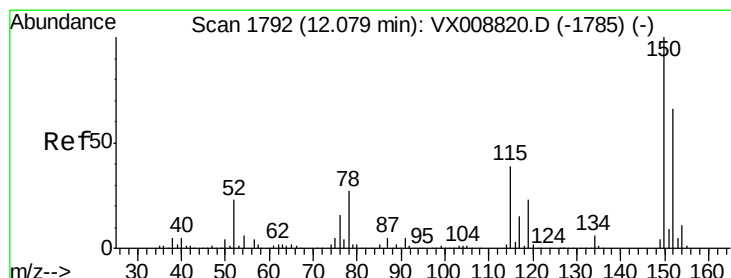
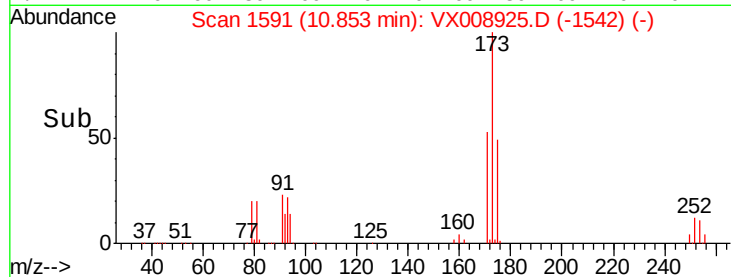
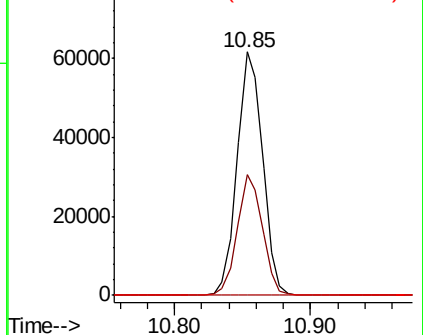
173 100

175 48.7 24.9 74.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

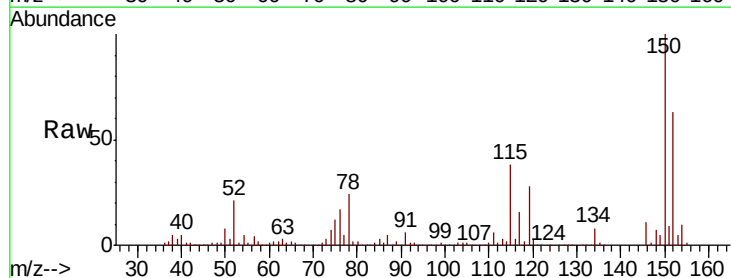
Tgt Ion:152 Resp: 108275

Ion Ratio Lower Upper

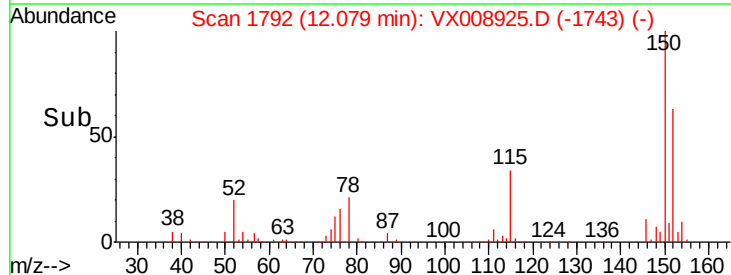
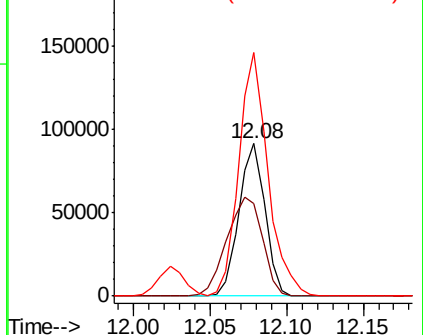
152 100

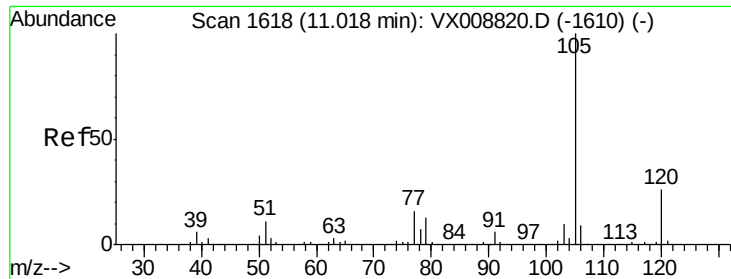
115 88.0 43.5 130.5

150 178.7 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: 53.910 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

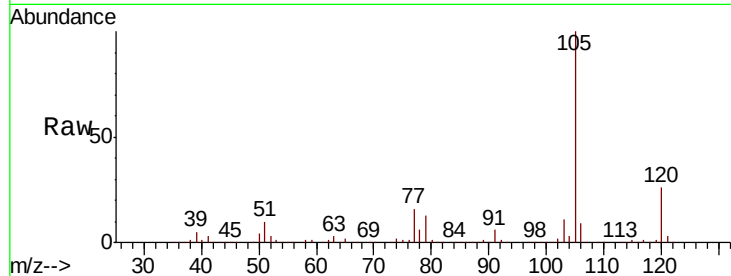
ClientSampleId :

Tot Ion:105 Resp: 483743

Ion Ratio Lower Upper

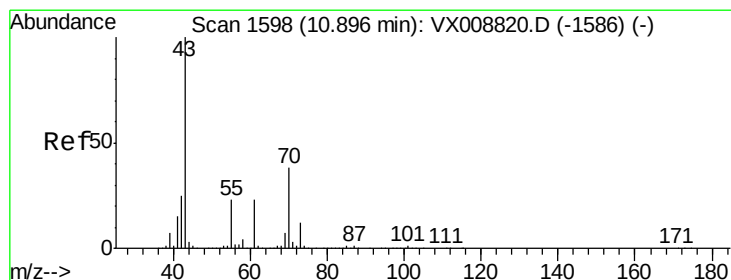
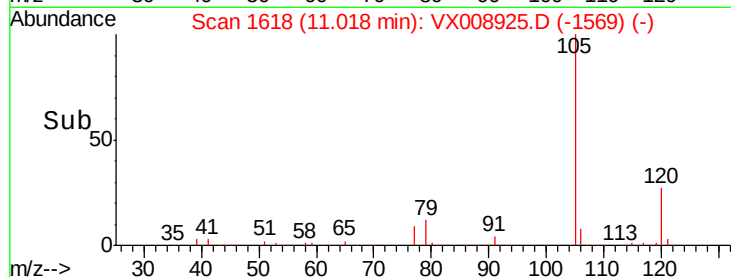
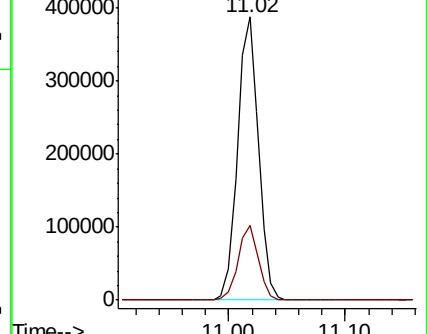
105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.147 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Tgt Ion: 43 Resp: 275298

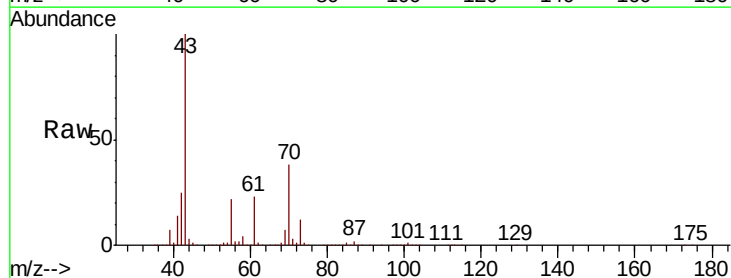
Ion Ratio Lower Upper

43 100

70 37.9 30.2 45.4

55 22.5 18.2 27.4

61 22.7 18.6 28.0

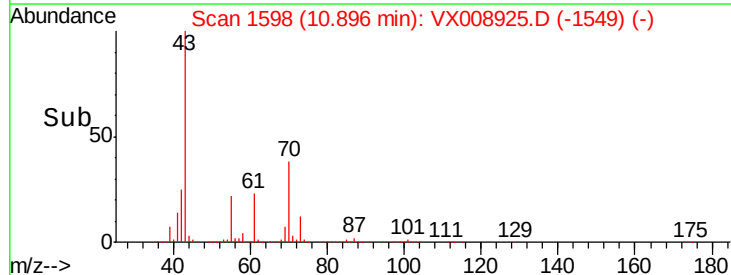
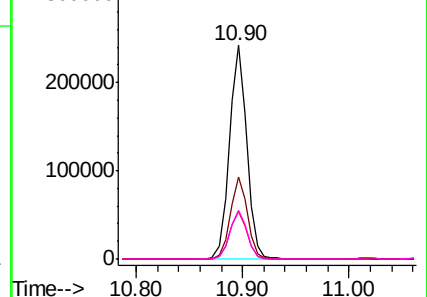


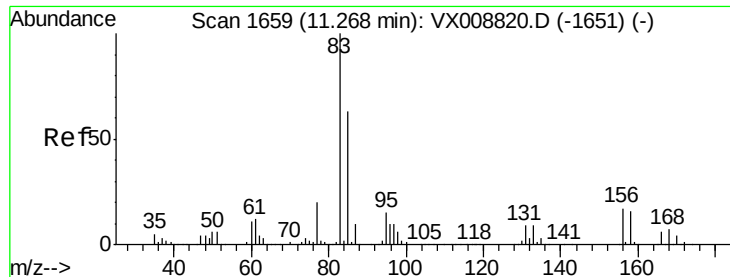
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.044 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

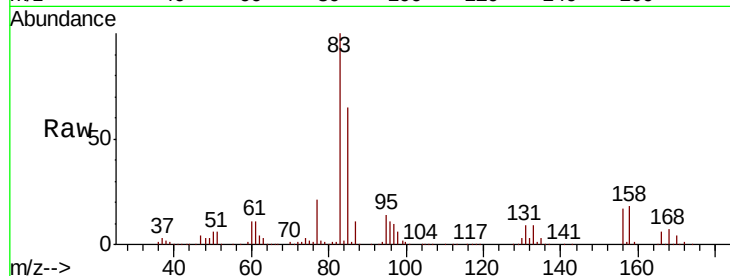
Tot Ion: 83 Resp: 167368

Ion Ratio Lower Upper

83 100

131 9.5 4.5 13.7

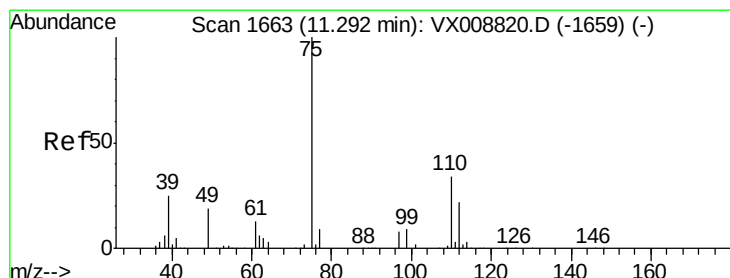
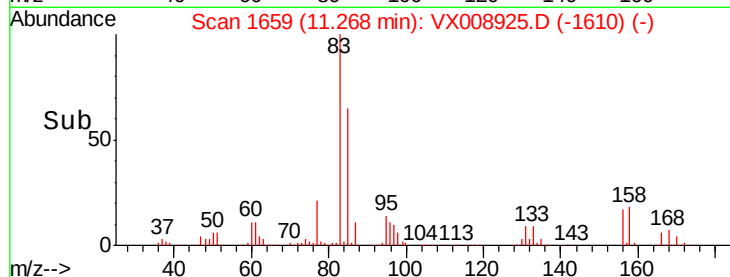
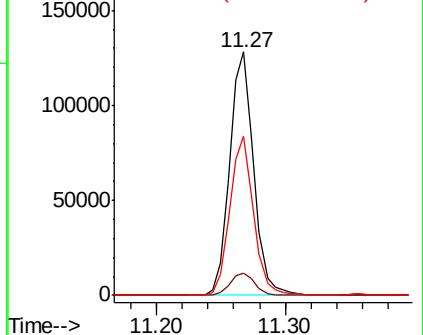
85 64.5 32.0 96.2



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: 69.938 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008925.D

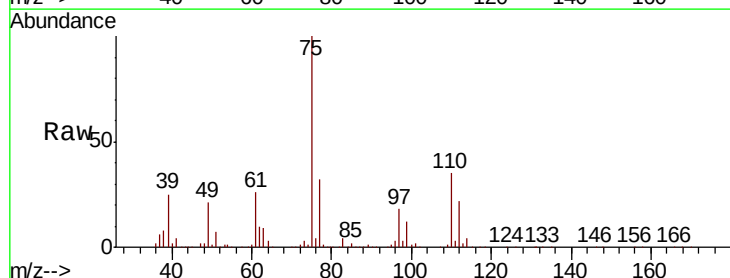
Acq: 13 Apr 2019 11:26

Tgt Ion: 75 Resp: 208025

Ion Ratio Lower Upper

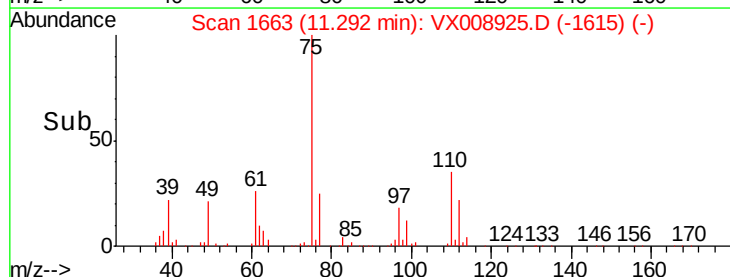
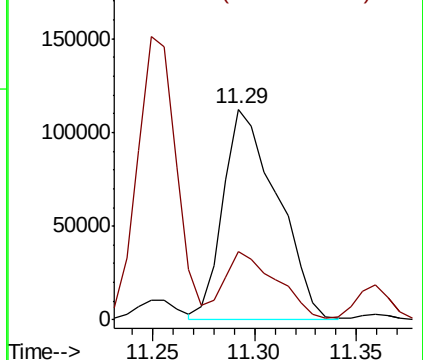
75 100

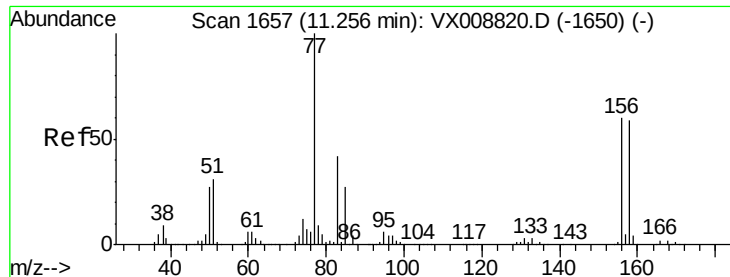
77 31.4 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.161 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

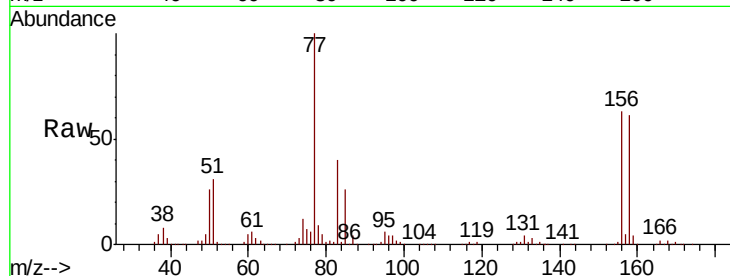
Tot Ion:156 Resp: 116832

Ion Ratio Lower Upper

156 100

77 170.4 89.8 269.6

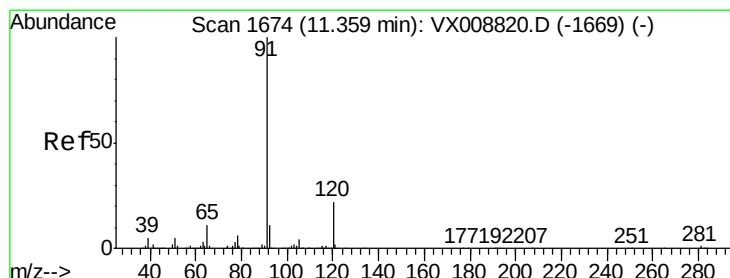
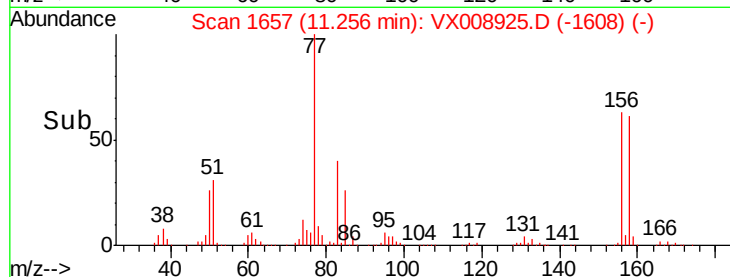
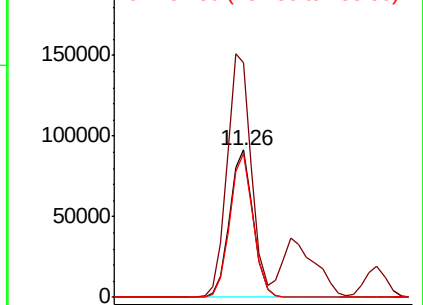
158 96.8 48.6 145.9



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: 53.866 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008925.D

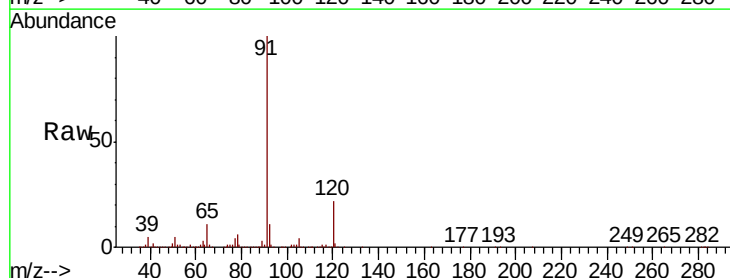
Acq: 13 Apr 2019 11:26

Tgt Ion: 91 Resp: 562795

Ion Ratio Lower Upper

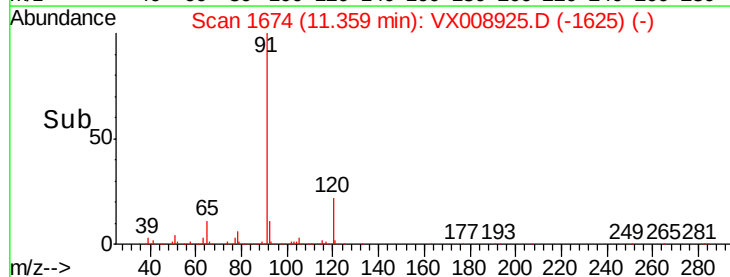
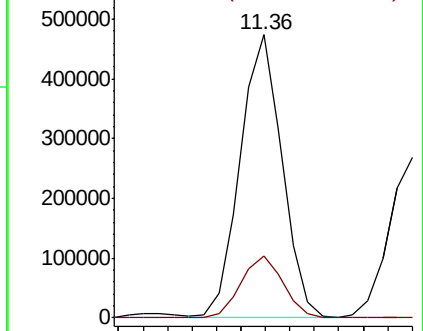
91 100

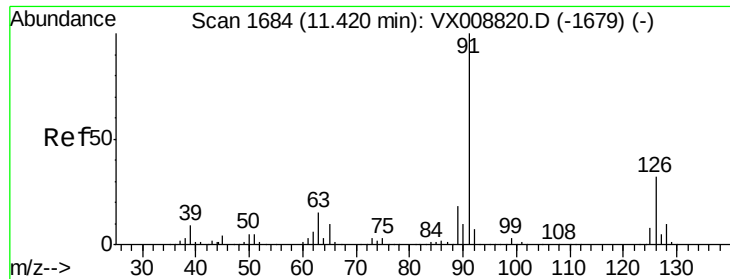
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

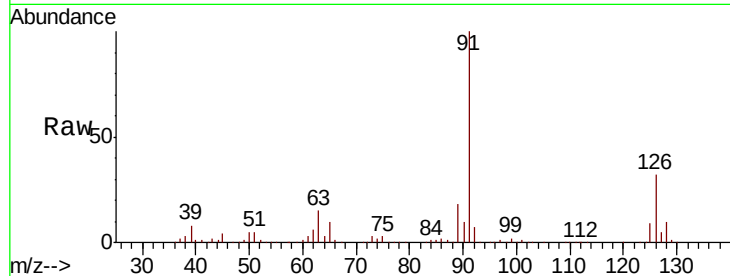




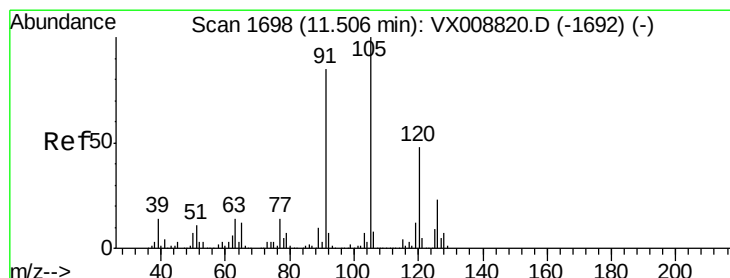
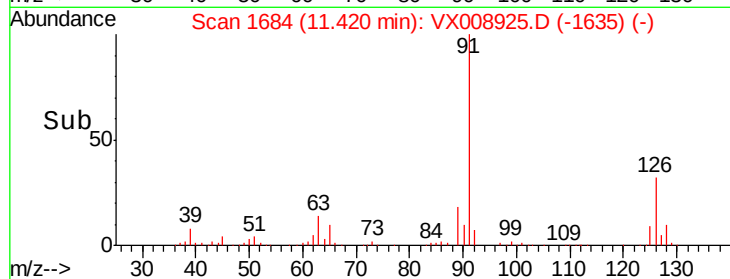
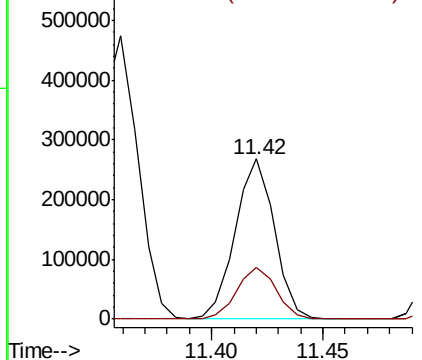
#79
 2-Chlorotoluene
 Concen: 51.973 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 328609
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.1 48.3

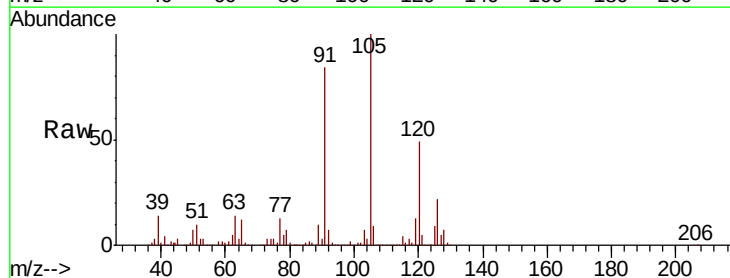


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

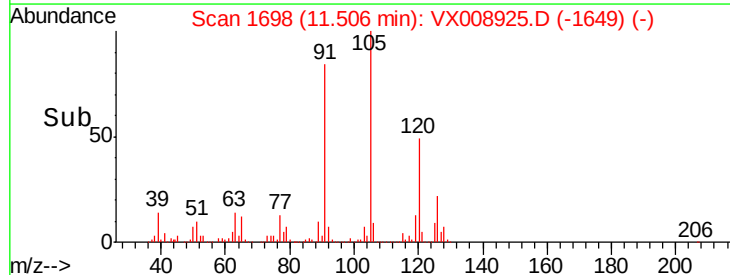
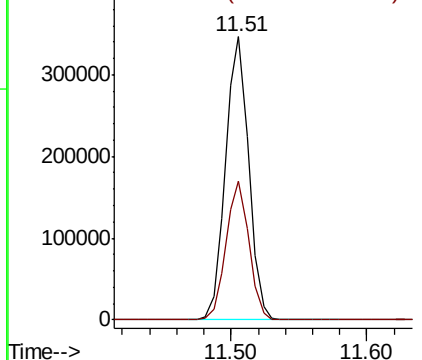


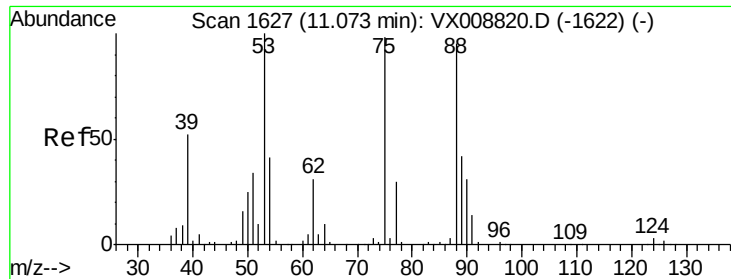
#80
 1,3,5-Trimethylbenzene
 Concen: 54.045 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion:105 Resp: 407073
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.5 70.6



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

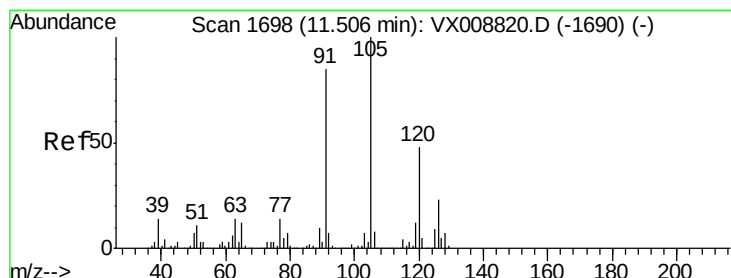
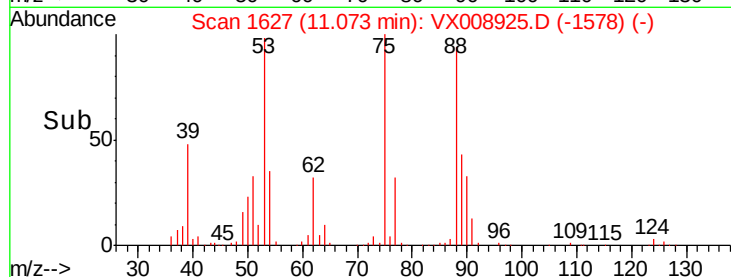
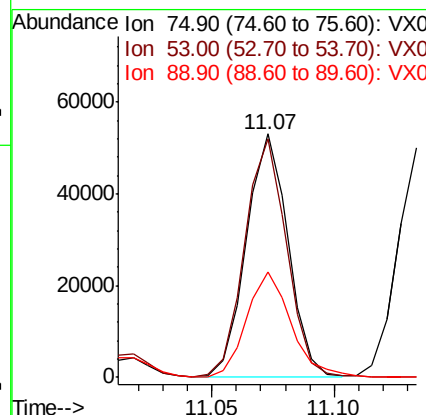
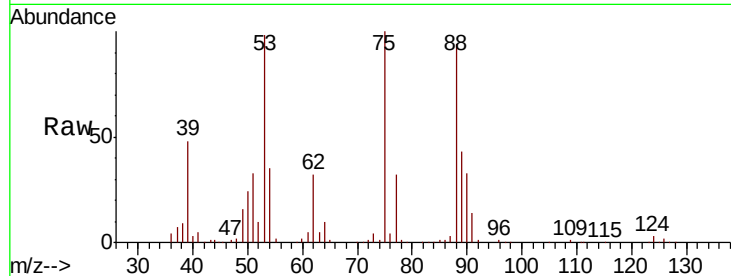




#81
trans-1,4-Dichloro-2-butene
Concen: 58.348 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

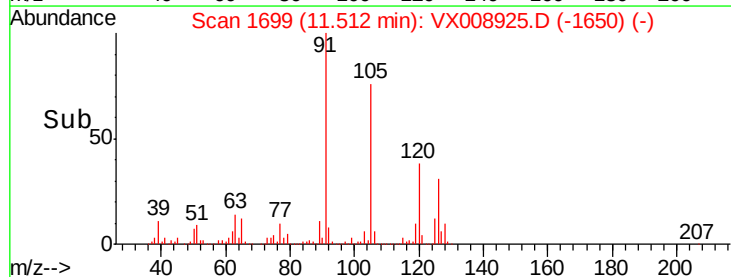
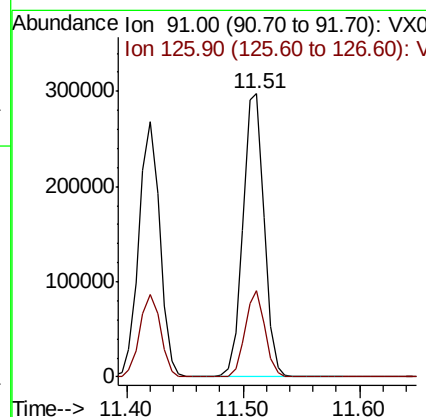
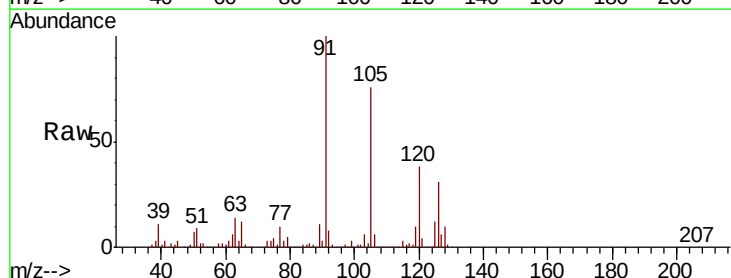
Instrument :
MSVOA_X
ClientSampleId :

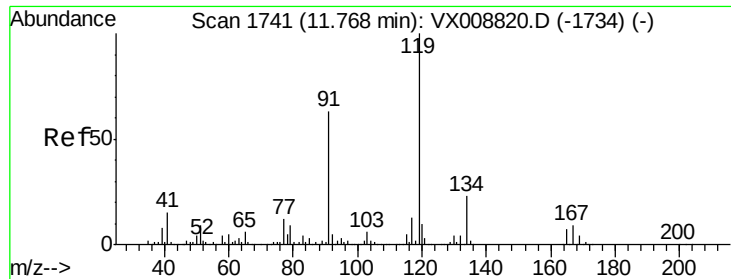
Tot Ion: 75 Resp: 62960
Ion Ratio Lower Upper
75 100
53 98.3 81.3 121.9
89 46.2 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.606 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion: 91 Resp: 377689
Ion Ratio Lower Upper
91 100
126 28.7 13.9 41.6

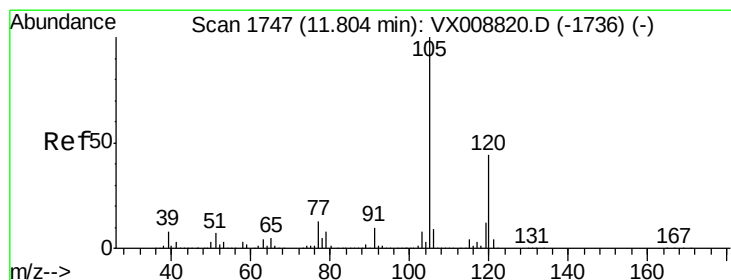
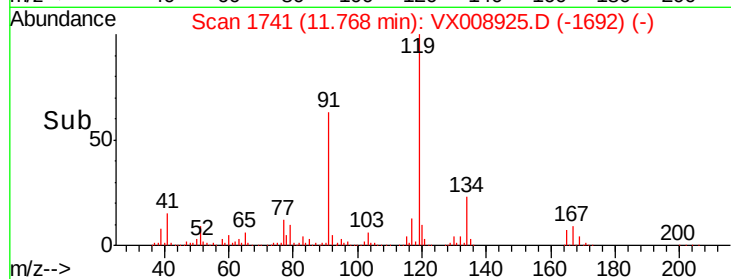
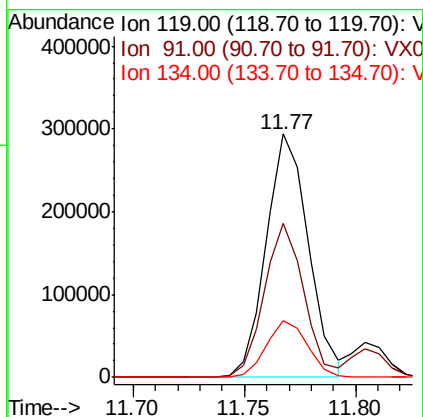
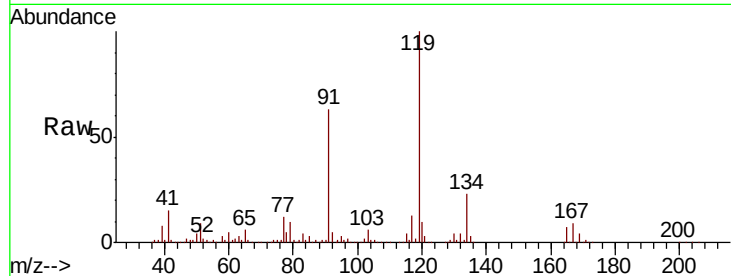




#83
 tert-Butylbenzene
 Concen: 53.341 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

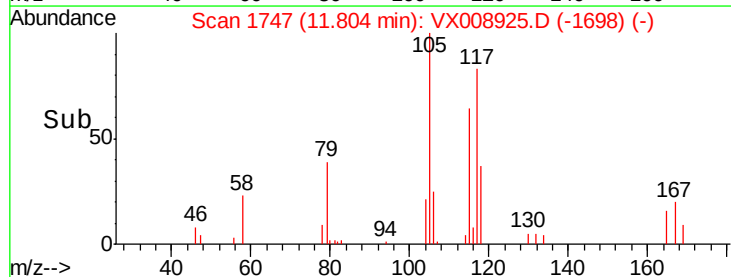
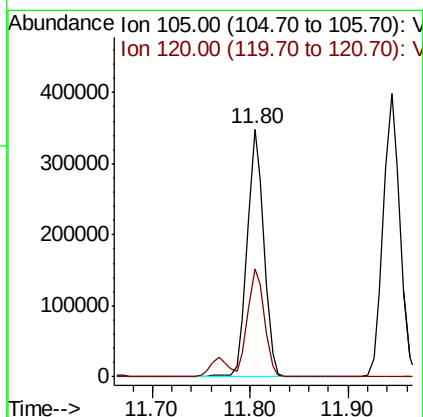
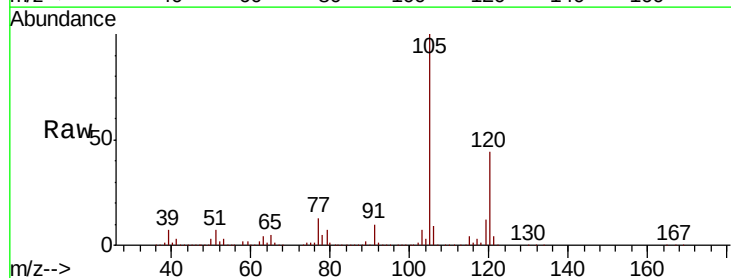
Instrument :
 MSVOA_X
 ClientSampleId :

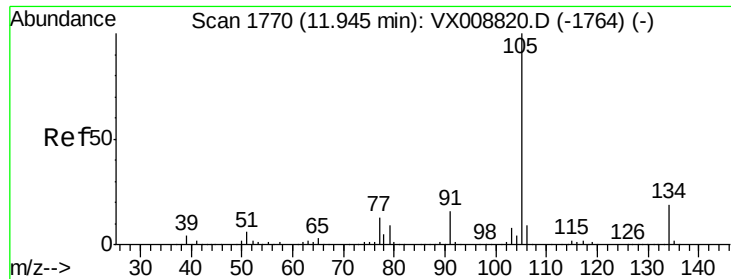
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	30.0	90.1
134	22.5	11.1	33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.752 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.8	65.3





#85

sec-Butylbenzene

Concen: 54.909 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

Instrument :

MSVOA_X

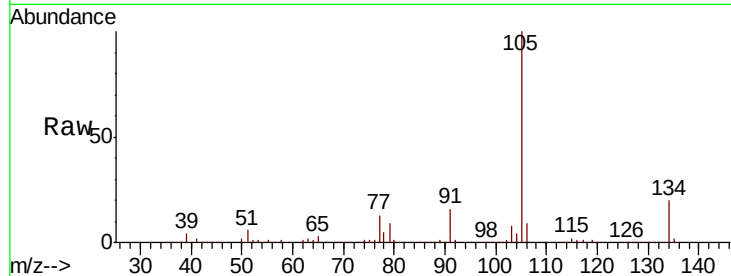
ClientSampleId :

Tot Ion:105 Resp: 472627

Ion Ratio Lower Upper

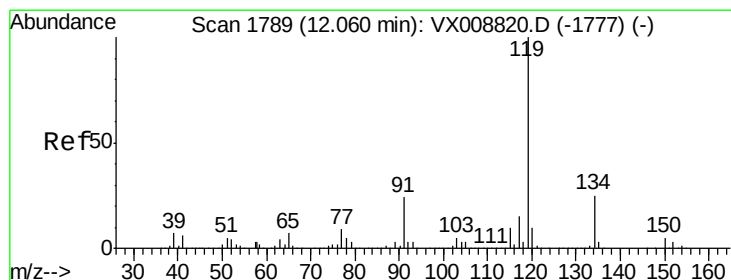
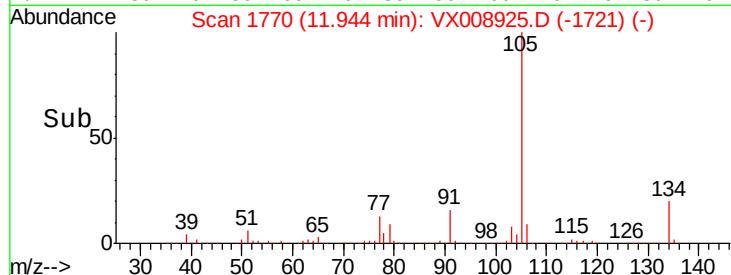
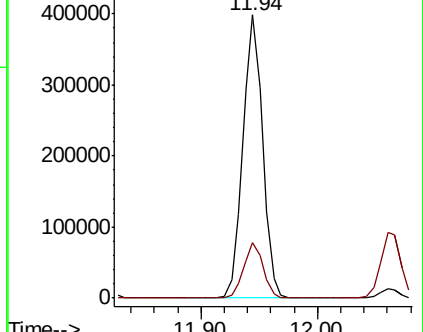
105 100

134 19.3 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.869 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008925.D

Acq: 13 Apr 2019 11:26

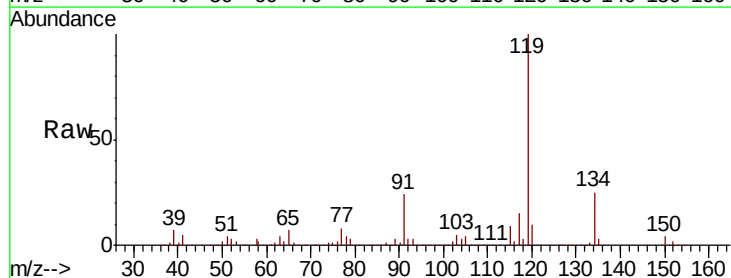
Tgt Ion:119 Resp: 431622

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

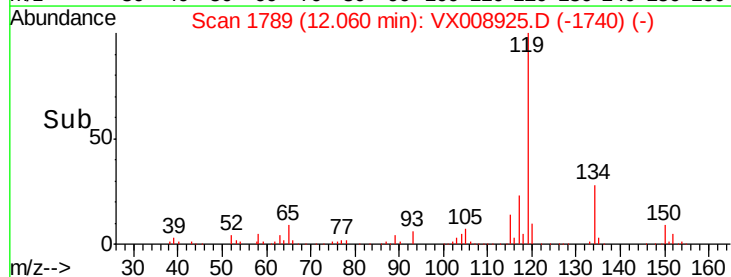
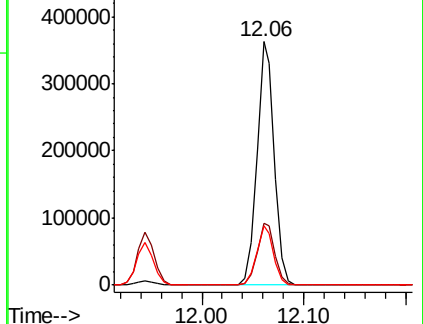
91 23.8 12.2 36.6

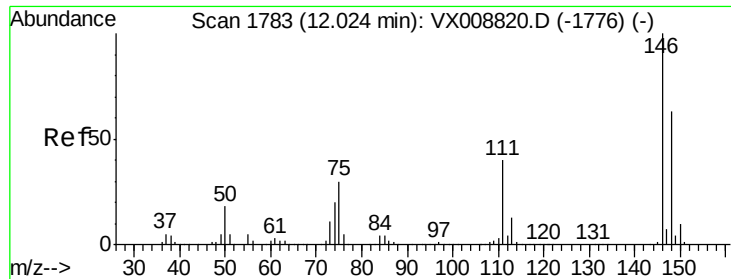


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

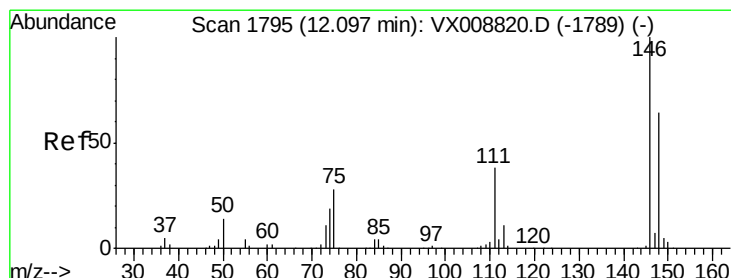
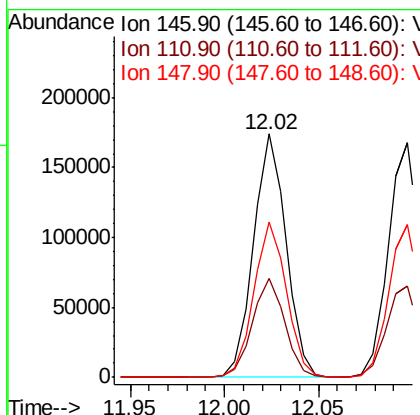
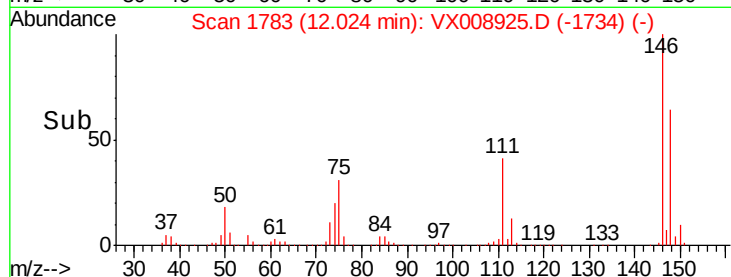
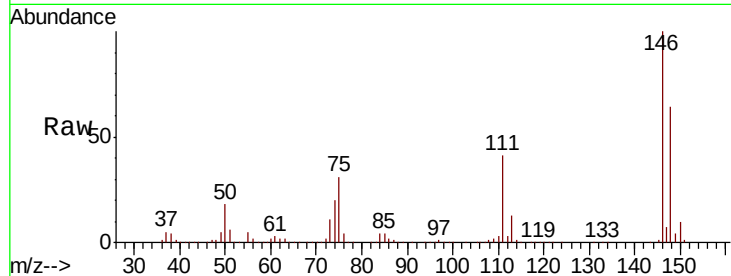




#87
 1,3-Dichlorobenzene
 Concen: 54.072 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

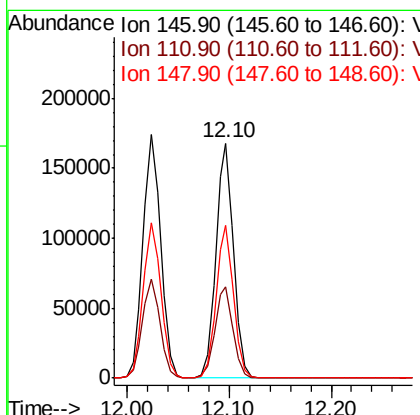
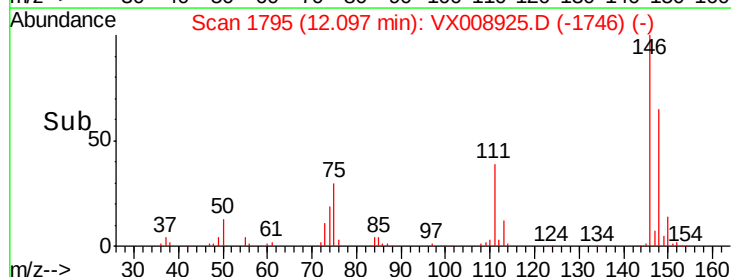
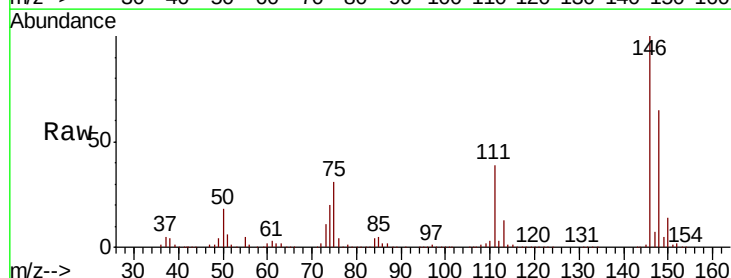
Instrument :
 MSVOA_X
 ClientSampled :

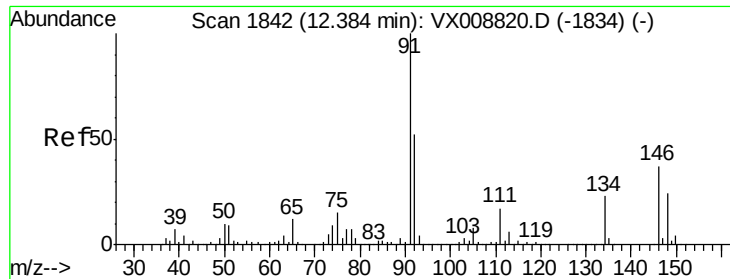
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.5
148	63.6	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 52.217 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.2	60.6
148	64.2	32.0	96.0

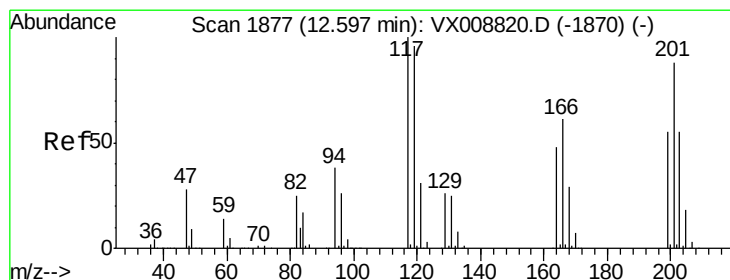
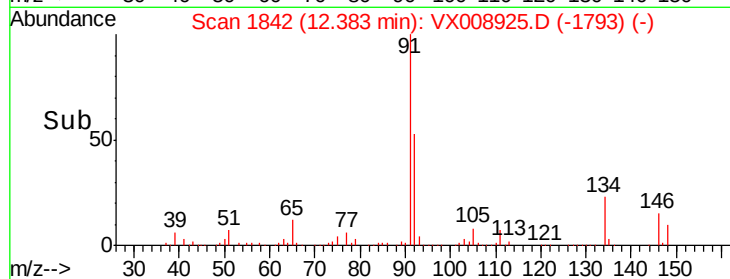
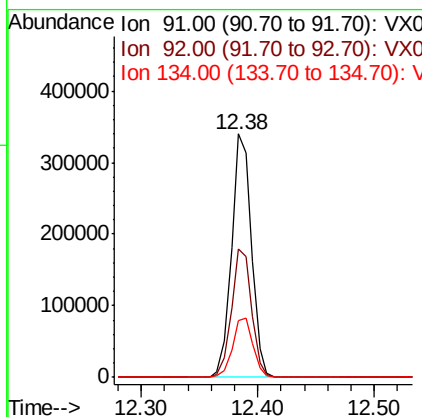
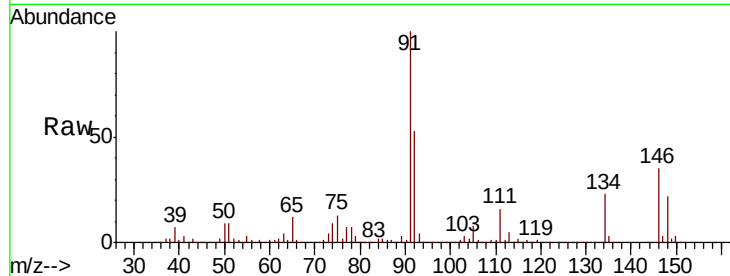




#89
n-Butylbenzene
Concen: 55.830 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

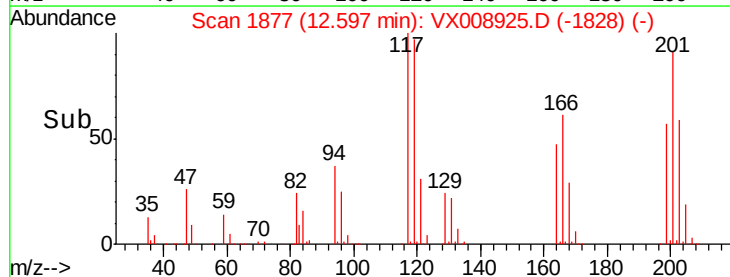
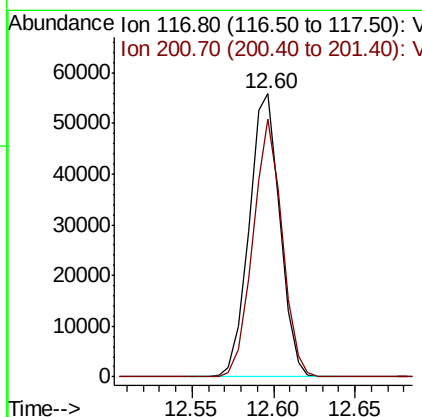
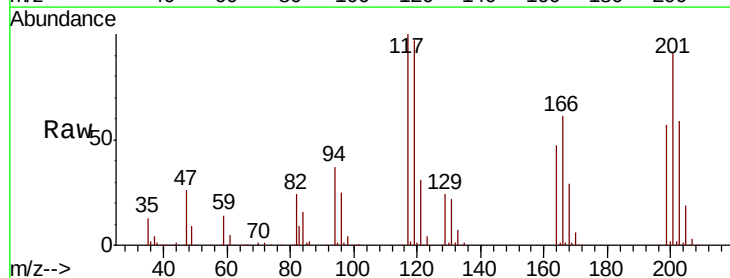
Instrument :
MSVOA_X
ClientSampleId :

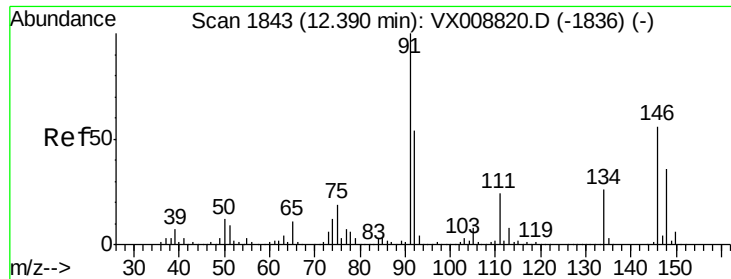
Tot Ion: 91 Resp: 404498
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 24.9 12.0 36.0



#90
Hexachloroethane
Concen: 57.422 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion: 117 Resp: 73579
Ion Ratio Lower Upper
117 100
201 86.0 40.6 122.0

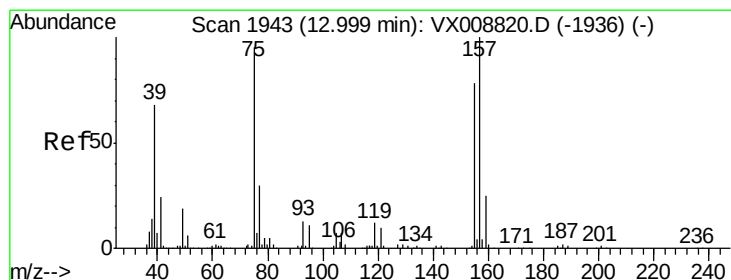
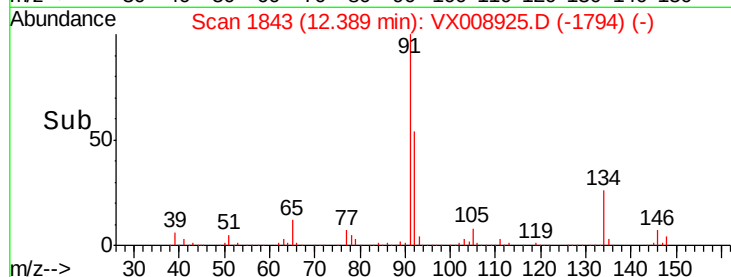
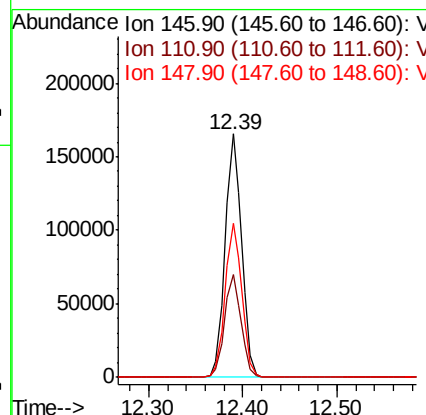
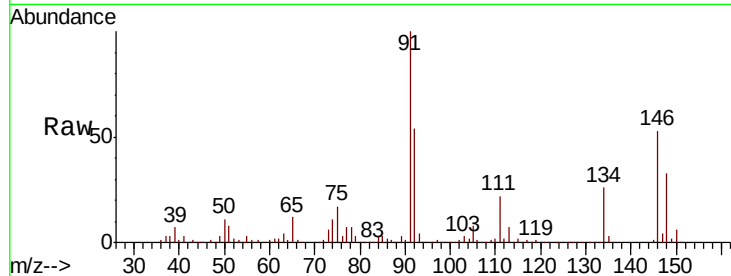




#91
 1,2-Dichlorobenzene
 Concen: 52.209 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

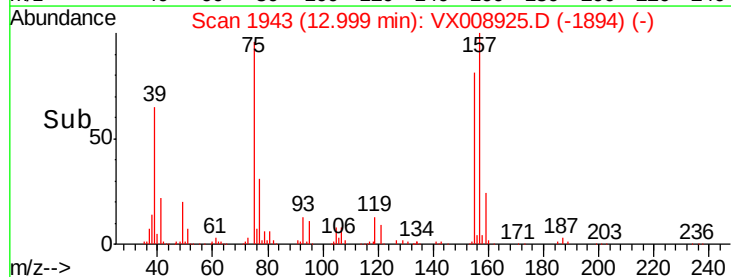
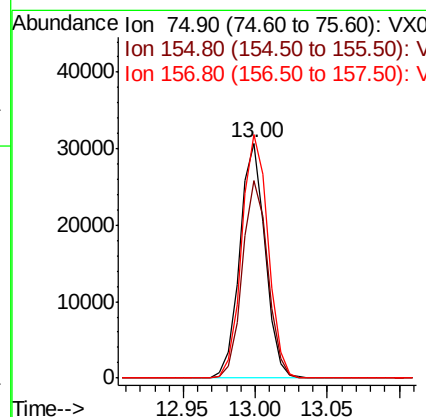
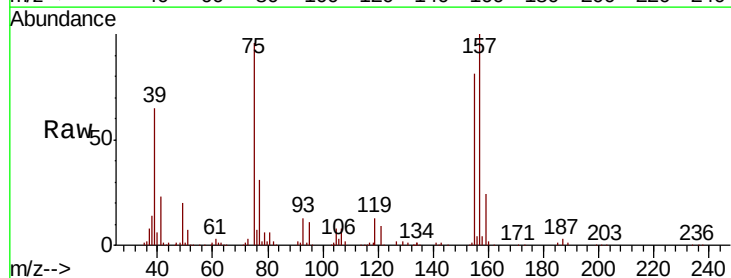
Instrument :
 MSVOA_X
 ClientSampleId :

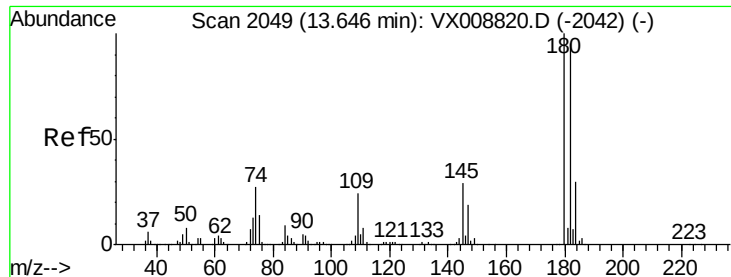
Tot Ion:146 Resp: 200183
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.9
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.636 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion: 75 Resp: 38013
 Ion Ratio Lower Upper
 75 100
 155 83.5 39.9 119.6
 157 106.9 51.5 154.7

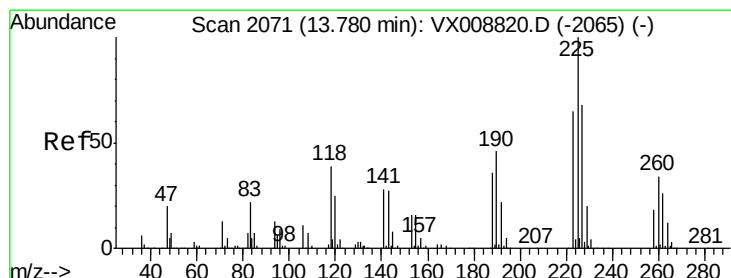
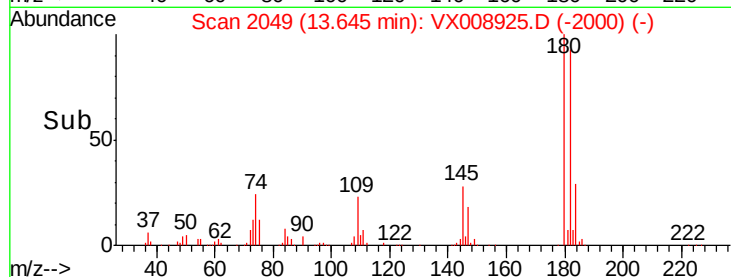
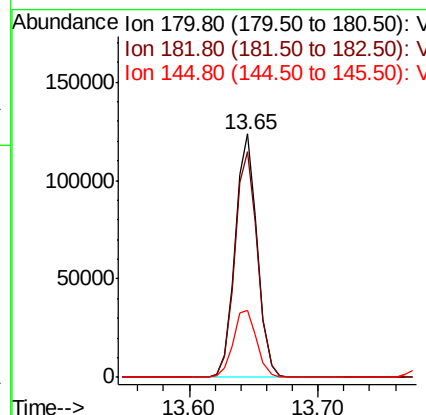
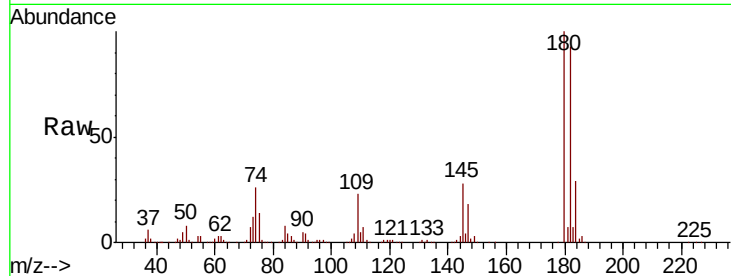




#93
 1,2,4-Trichlorobenzene
 Concen: 55.818 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

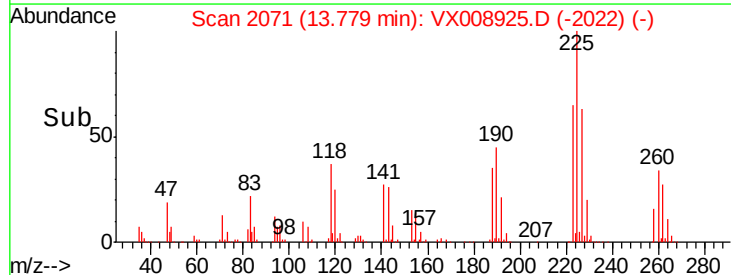
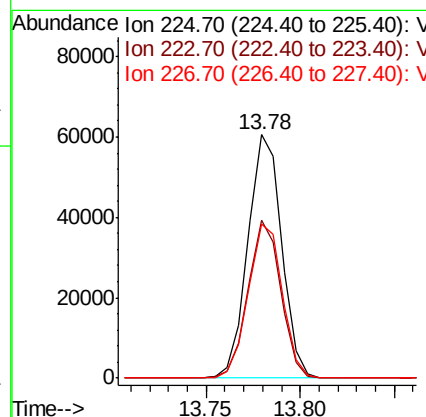
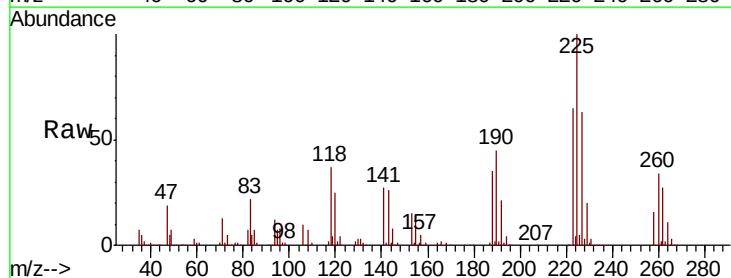
Instrument :
 MSVOA_X
 ClientSampleId :

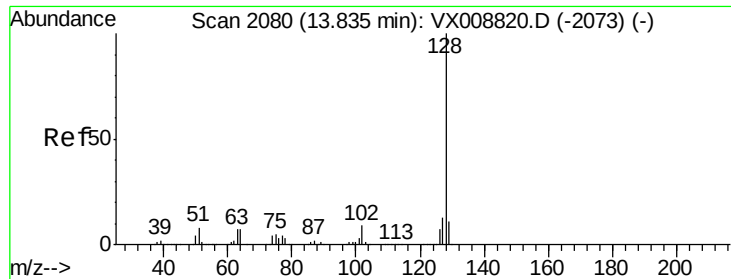
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.2	141.6
145	29.3	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 58.857 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008925.D
 Acq: 13 Apr 2019 11:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.2	93.6
227	63.8	31.9	95.5

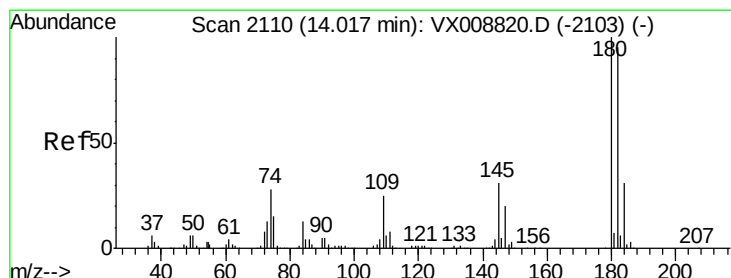
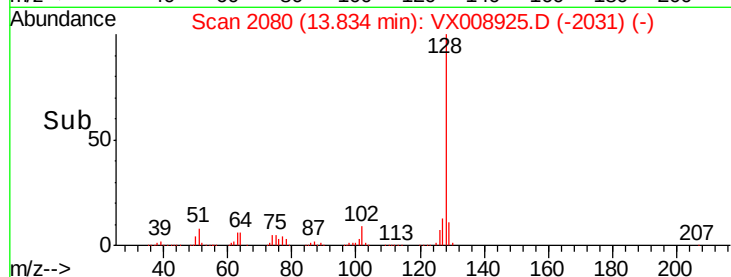
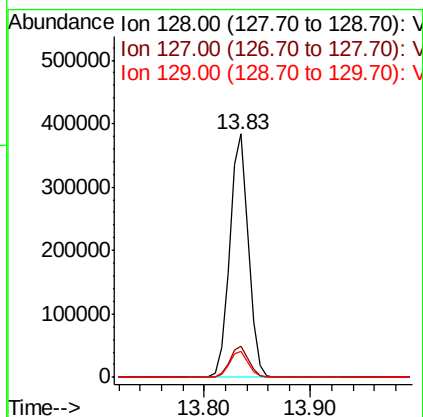
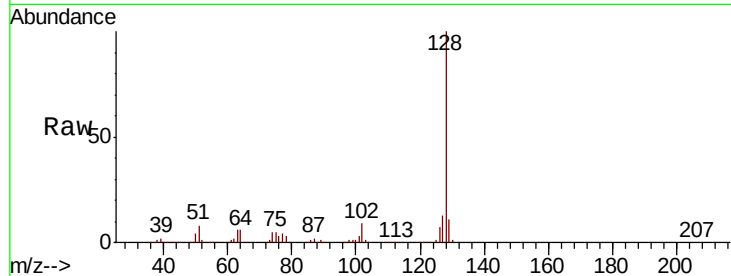




#95
Naphthalene
Concen: 52.800 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 470456
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.766 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008925.D
Acq: 13 Apr 2019 11:26

Tgt Ion:180 Resp: 145874
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 30.9 16.3 48.8

