

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004125.D
 Acq On : 17 Aug 2018 12:10
 Operator : JC/MD
 Sample : VX0817WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:30:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	207504	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
35) Dibromofluoromethane	5.51	113	168364	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
50) Toluene-d8	8.71	98	669569	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	218782	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	55848	20.05	ug/l	100
3) Chloromethane	1.32	50	82000	23.99	ug/l	99
4) Vinyl Chloride	1.40	62	70473	19.06	ug/l	98
5) Bromomethane	1.64	94	37902	20.12	ug/l	96
6) Chloroethane	1.73	64	50445	19.66	ug/l	93
7) Trichlorofluoromethane	1.93	101	101016	19.47	ug/l	98
8) Diethyl Ether	2.18	74	44967	19.86	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63150	19.52	ug/l	99
10) Methyl Iodide	2.51	142	49869	17.99	ug/l	100
11) Tert butyl alcohol	3.04	59	80535	99.22	ug/l	99
12) 1,1-Dichloroethene	2.38	96	56842	18.89	ug/l	99
13) Acrolein	2.29	56	33586	69.27	ug/l	98
14) Allyl chloride	2.73	41	108781	19.00	ug/l	97
15) Acrylonitrile	3.14	53	196703	97.20	ug/l	98
16) Acetone	2.43	43	211172	100.77	ug/l	99
17) Carbon Disulfide	2.57	76	155022	18.16	ug/l	100
18) Methyl Acetate	2.77	43	96890	20.80	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	207034	19.53	ug/l	99
20) Methylene Chloride	2.86	84	69904	20.04	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	64730	18.94	ug/l	98
22) Diisopropyl ether	3.86	45	216695	19.31	ug/l	# 89
23) Vinyl Acetate	3.82	43	904937	98.19	ug/l	100
24) 1,1-Dichloroethane	3.70	63	123628	19.45	ug/l	100
25) 2-Butanone	4.69	43	364061	106.77	ug/l	99
26) 2,2-Dichloropropane	4.59	77	95583	18.92	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	78477	20.42	ug/l	100
28) Bromochloromethane	5.02	49	58157	19.94	ug/l	98
29) Tetrahydrofuran	5.15	42	166433	95.53	ug/l	99
30) Chloroform	5.21	83	126546	20.40	ug/l	99
31) Cyclohexane	5.58	56	100158	17.98	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	104821	20.22	ug/l	99
36) 1,1-Dichloropropene	5.80	75	90416	18.47	ug/l	99
37) Ethyl Acetate	4.85	43	110473	20.73	ug/l	100
38) Carbon Tetrachloride	5.78	117	91347	19.21	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:30:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100768	18.15	ug/l	99
40) Benzene	6.15	78	289172	19.68	ug/l	99
41) Methacrylonitrile	5.06	41	55444	18.58	ug/l	98
42) 1,2-Dichloroethane	6.20	62	101360	19.70	ug/l	100
43) Isopropyl Acetate	6.46	43	145004	18.46	ug/l	100
44) Trichloroethene	7.21	130	76574	19.19	ug/l	97
45) 1,2-Dichloropropane	7.52	63	72188	19.19	ug/l	99
46) Dibromomethane	7.67	93	48526	19.74	ug/l	98
47) Bromodichloromethane	7.90	83	91758	19.71	ug/l	99
48) Methyl methacrylate	7.78	41	75537	19.10	ug/l	98
49) 1,4-Dioxane	7.76	88	34964	392.71	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	652844	101.35	ug/l	99
52) Toluene	8.79	92	186255	20.04	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	94366	18.76	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	107026	19.21	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	76070	19.82	ug/l	99
56) Ethyl methacrylate	9.18	69	97545	18.69	ug/l	99
57) 1,3-Dichloropropane	9.37	76	126697	19.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	261069	98.23	ug/l	100
59) 2-Hexanone	9.50	43	491105	101.31	ug/l	98
60) Dibromochloromethane	9.59	129	71021	19.23	ug/l	100
61) 1,2-Dibromoethane	9.67	107	77895	19.91	ug/l	99
64) Tetrachloroethene	9.34	164	71872	20.48	ug/l	97
65) Chlorobenzene	10.14	112	191883	20.06	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	65658	20.12	ug/l	98
67) Ethyl Benzene	10.25	91	318044	21.00	ug/l	92
68) m/p-Xylenes	10.36	106	239466	40.37	ug/l	99
69) o-Xylene	10.70	106	110222	19.44	ug/l	95
70) Styrene	10.71	104	184470	19.33	ug/l	100
71) Bromoform	10.86	173	49529	19.14	ug/l #	97
73) Isopropylbenzene	11.02	105	327598	19.07	ug/l	99
74) N-amyl acetate	6.46	43	145004	17.94	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	106779	17.80	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	122119	23.99	ug/l	84
77) Bromobenzene	11.26	156	88737	18.74	ug/l	99
78) n-propylbenzene	11.36	91	370251	19.26	ug/l	98
79) 2-Chlorotoluene	11.42	91	225319	19.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	279564	19.87	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	26473	16.10	ug/l	91
82) 4-Chlorotoluene	11.51	91	267093	19.28	ug/l	99
83) tert-Butylbenzene	11.77	119	273063	19.25	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	291237	19.99	ug/l	99
85) sec-Butylbenzene	11.94	105	321350	19.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	291314	19.38	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	169940	18.81	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	170200	18.31	ug/l	98
89) n-Butylbenzene	12.39	91	217403	18.36	ug/l	99
90) Hexachloroethane	12.60	117	38778	17.24	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	152037	18.66	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19189	18.20	ug/l	97

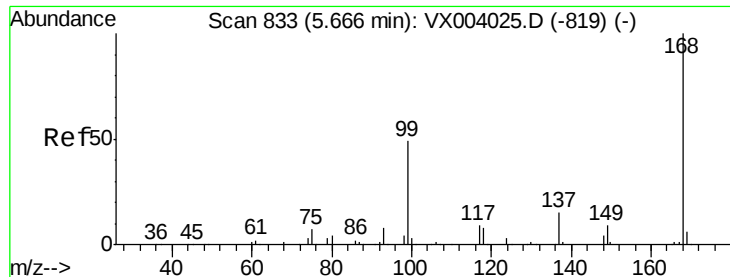
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
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Instrument :
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ClientSampleId :

Quant Time: Aug 18 01:30:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95920	17.23	ug/l	100
94) Hexachlorobutadiene	13.79	225	44769	16.04	ug/l	99
95) Naphthalene	13.83	128	285999	16.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101526	16.72	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

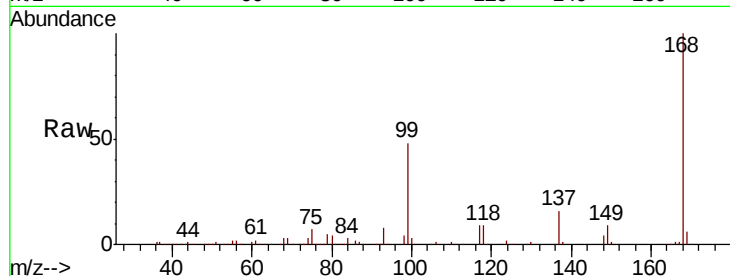
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 286083

Ion Ratio Lower Upper

168 100

99 48.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

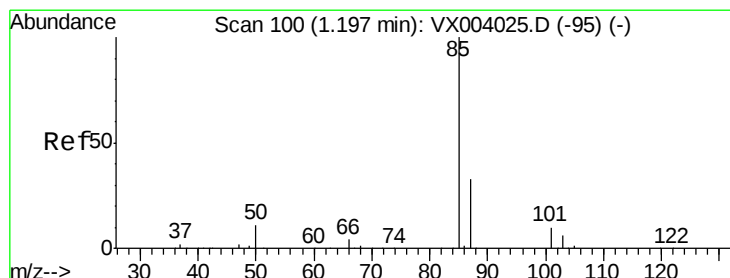
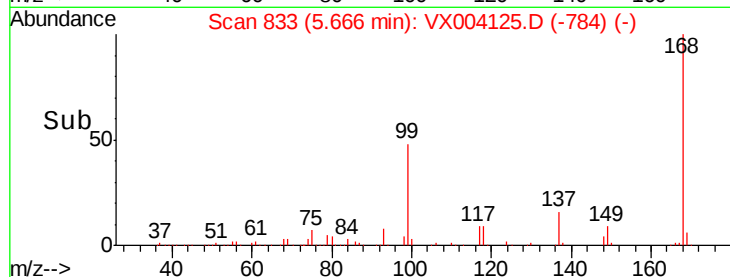
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.05 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004125.D

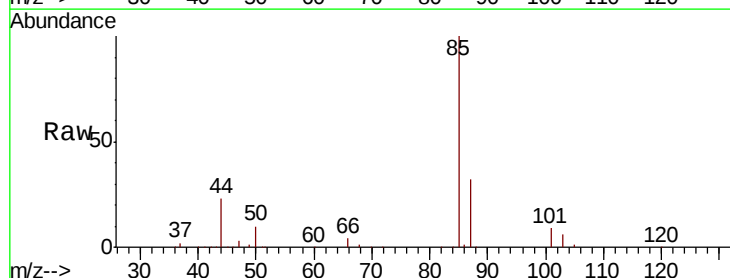
Acq: 17 Aug 2018 12:10

Tgt Ion: 85 Resp: 55848

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

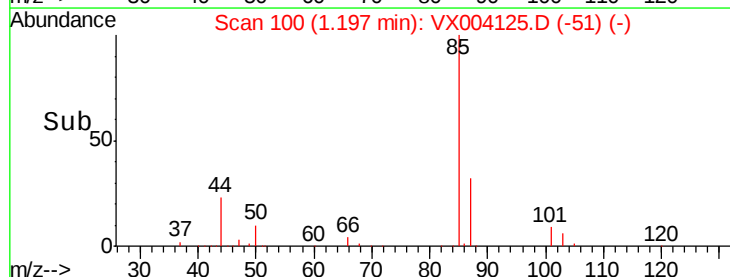
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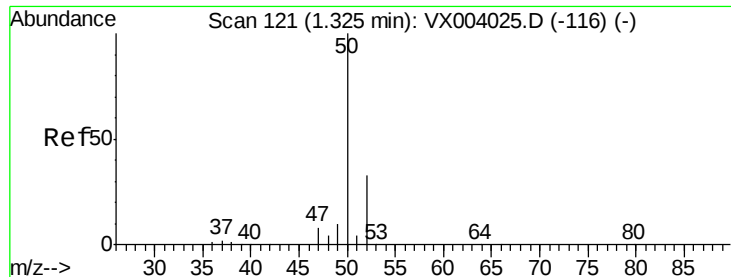
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 23.99 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

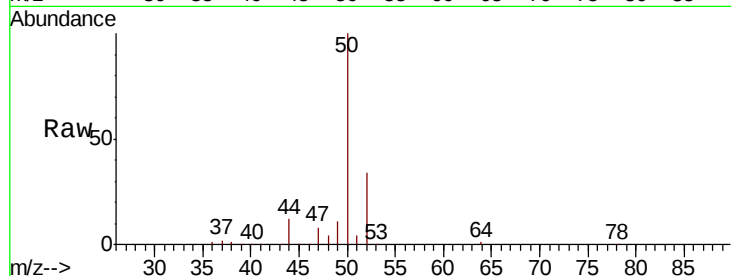
ClientSampleId :

Tot Ion: 50 Resp: 82000

Ion Ratio Lower Upper

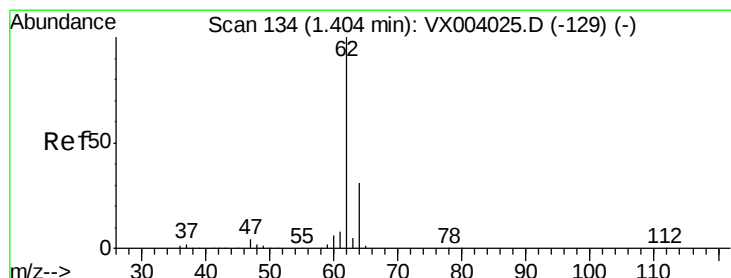
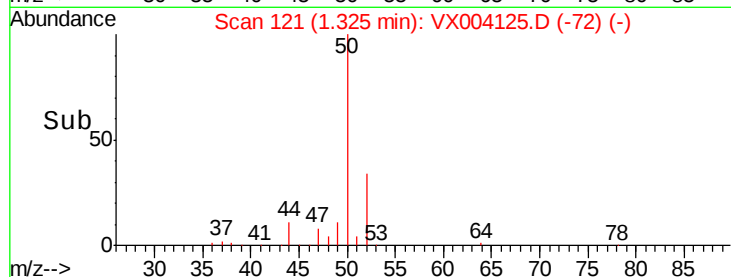
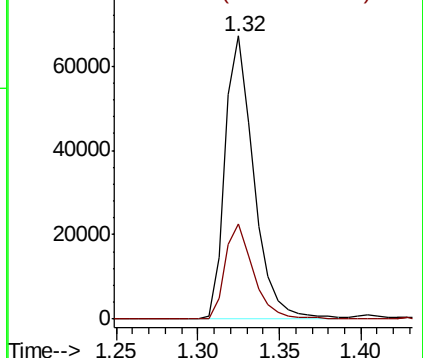
50 100

52 33.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004125.D

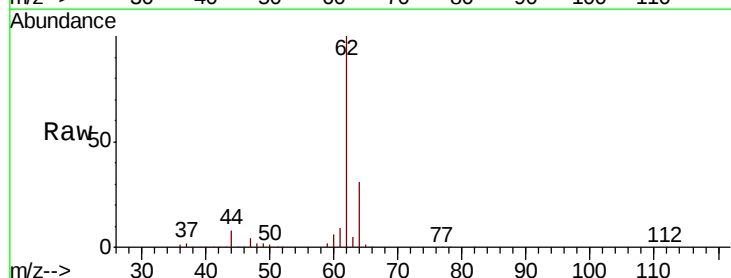
Acq: 17 Aug 2018 12:10

Tgt Ion: 62 Resp: 70473

Ion Ratio Lower Upper

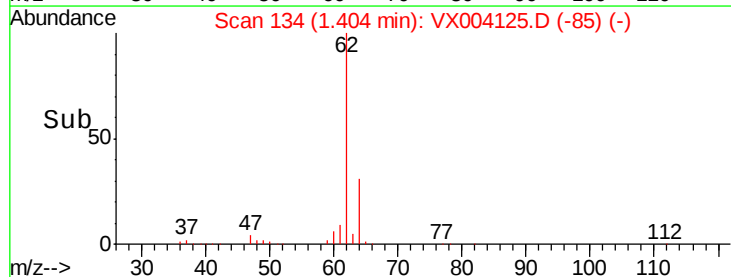
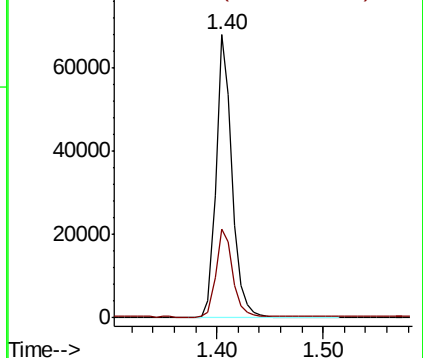
62 100

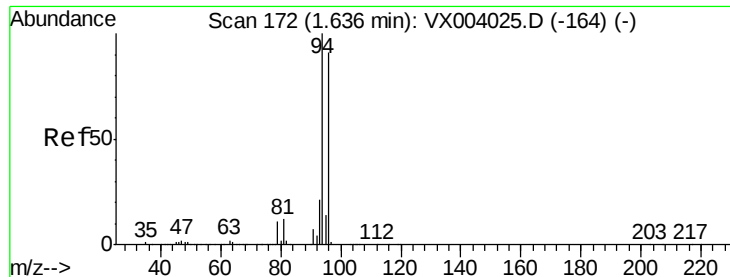
64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.12 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

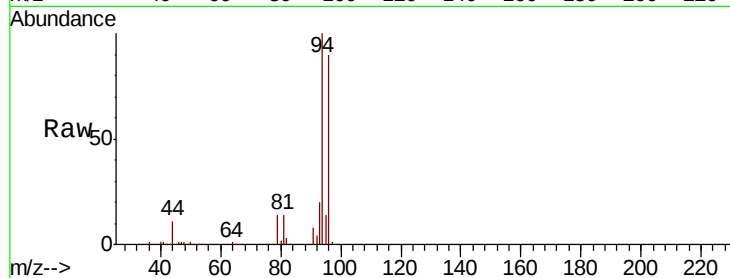
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 37902

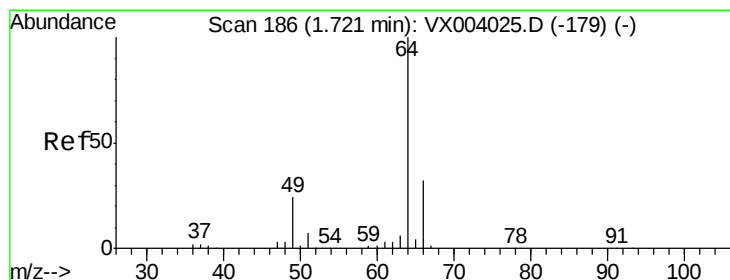
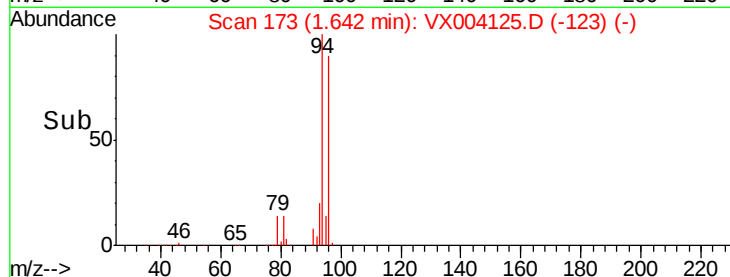
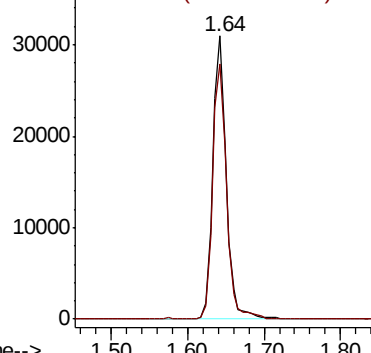
Ion Ratio Lower Upper

94 100

96 90.1 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: 19.66 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004125.D

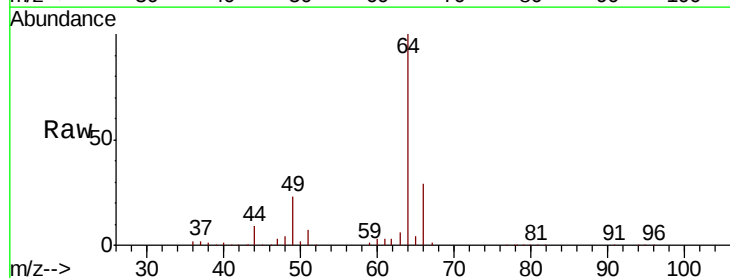
Acq: 17 Aug 2018 12:10

Tgt Ion: 64 Resp: 50445

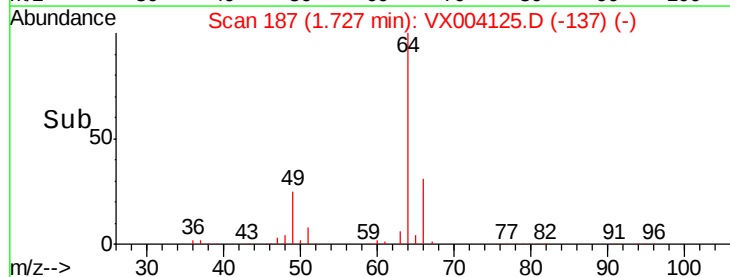
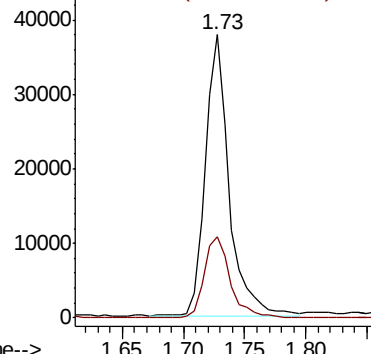
Ion Ratio Lower Upper

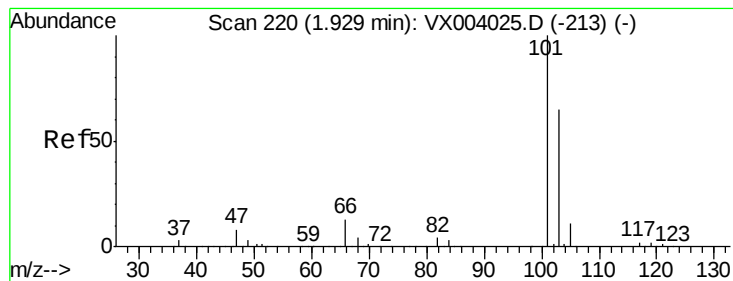
64 100

66 28.9 26.5 39.7



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



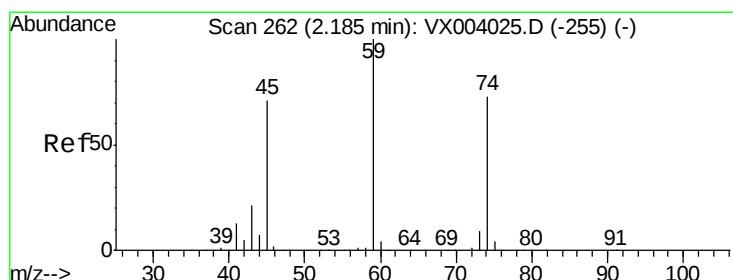
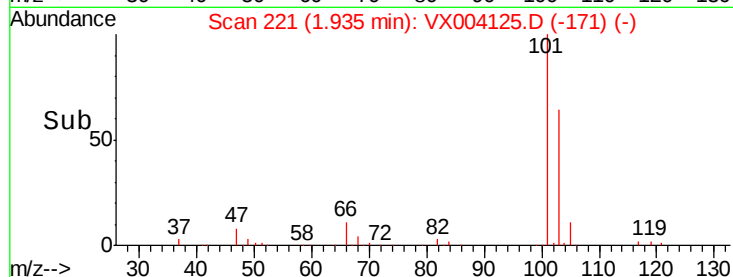
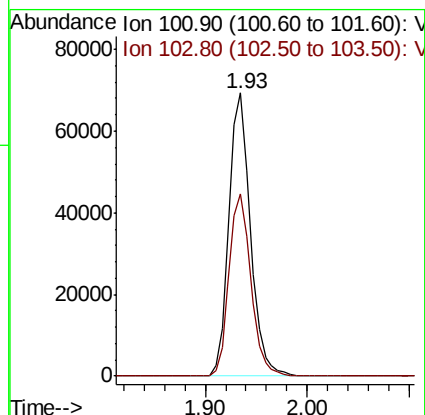
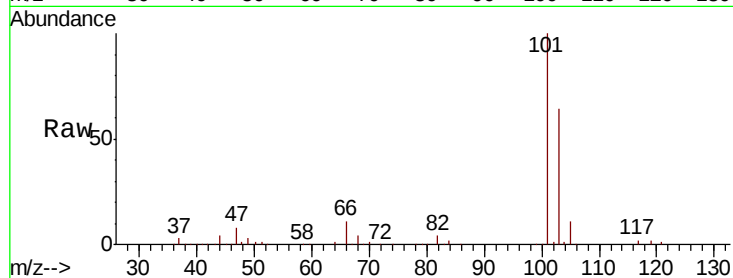


#7

Trichlorofluoromethane
Concen: 19.47 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

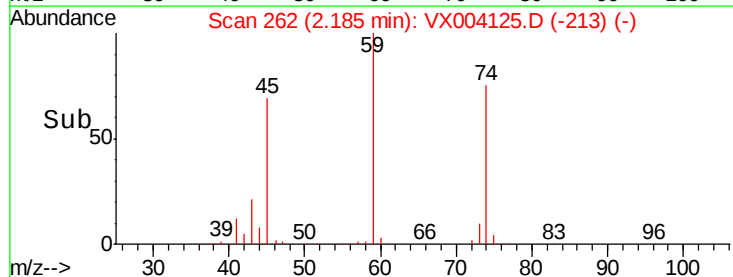
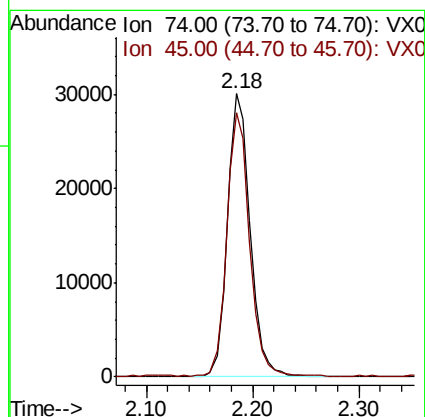
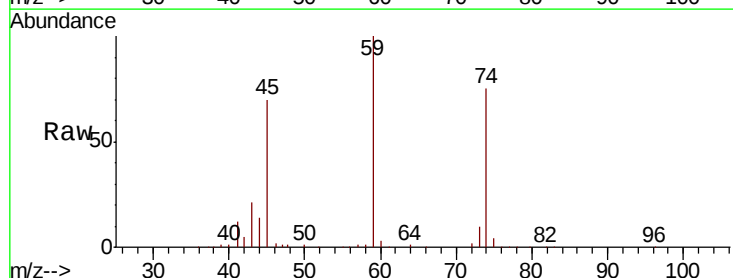
Tot Ion:101 Resp: 101016
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

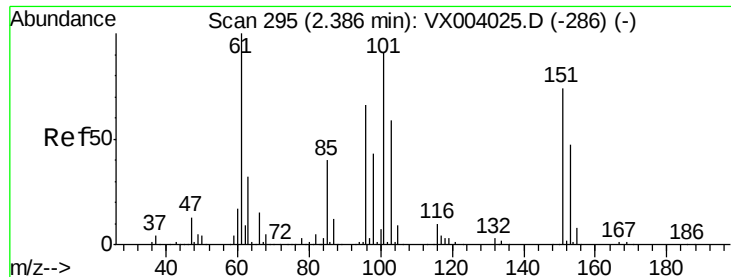


#8

Diethyl Ether
Concen: 19.86 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 74 Resp: 44967
Ion Ratio Lower Upper
74 100
45 92.8 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

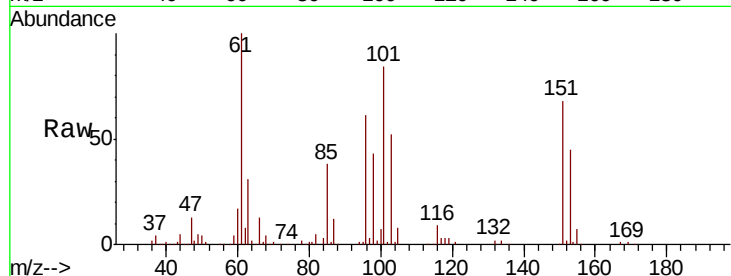
Tot Ion:101 Resp: 63150

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

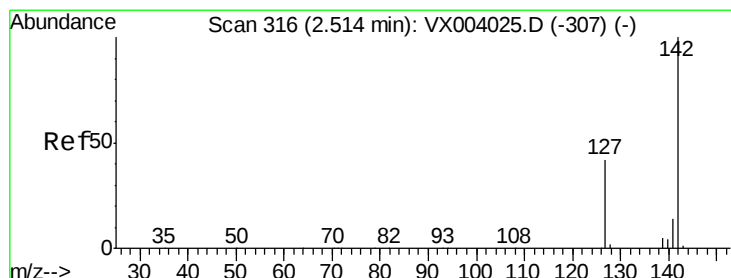
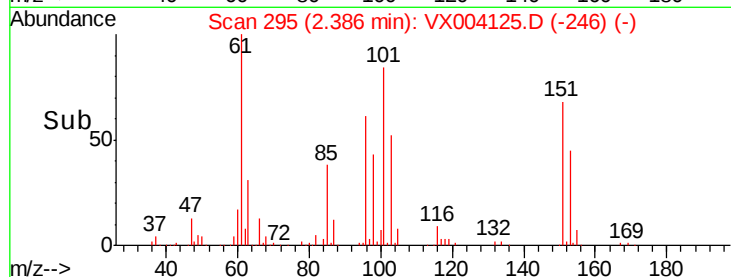
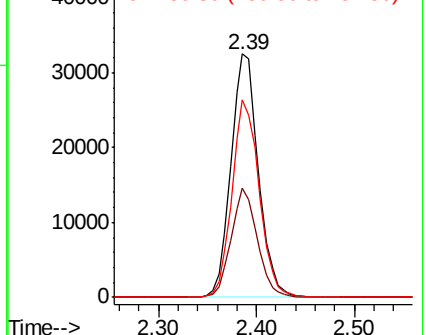
151 80.7 65.0 97.4



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: 17.99 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

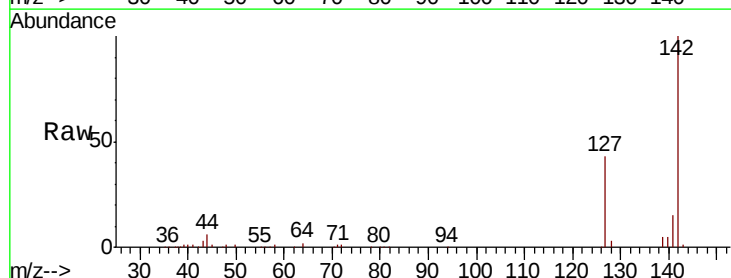
Tgt Ion:142 Resp: 49869

Ion Ratio Lower Upper

142 100

127 41.1 33.1 49.7

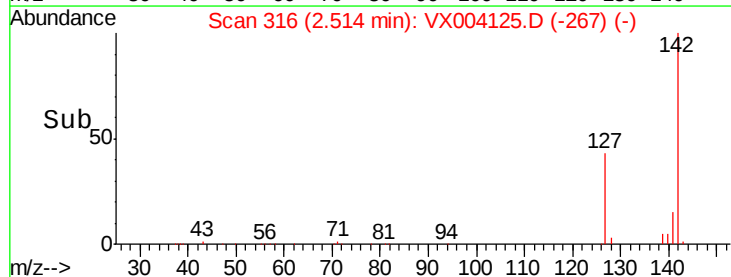
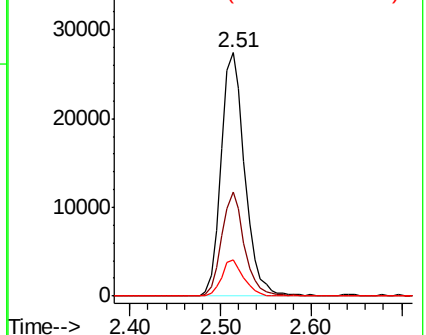
141 13.8 11.1 16.7

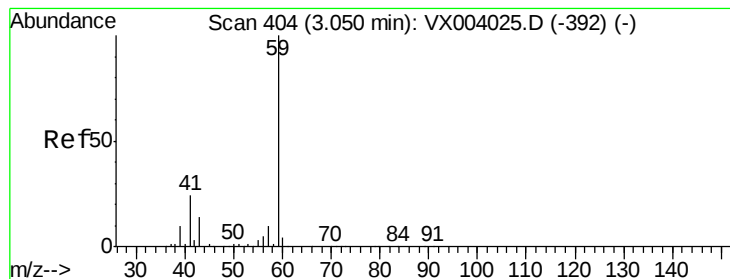


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.22 ug/l

RT: 3.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

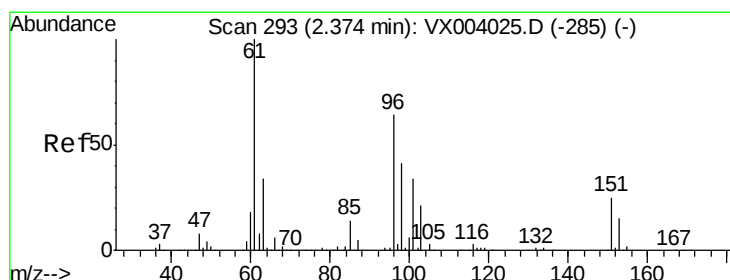
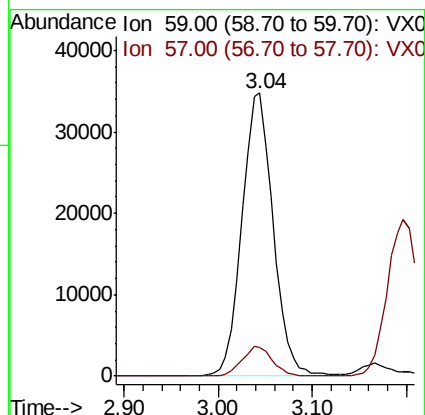
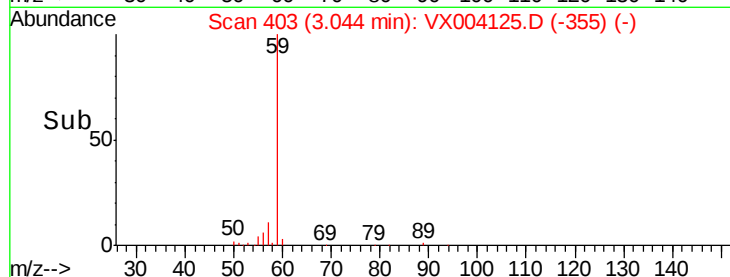
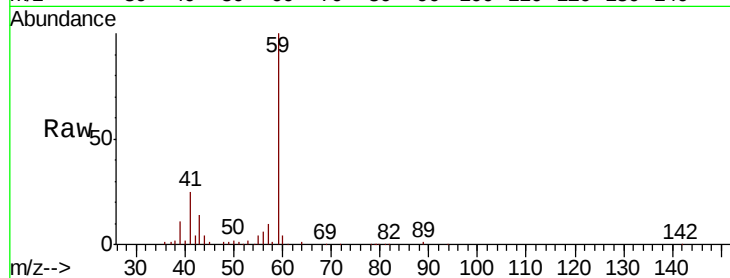
ClientSampleId :

Tot Ion: 59 Resp: 80535

Ion Ratio Lower Upper

59 100

57 10.4 8.1 12.1



#12

1,1-Dichloroethene

Concen: 18.89 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

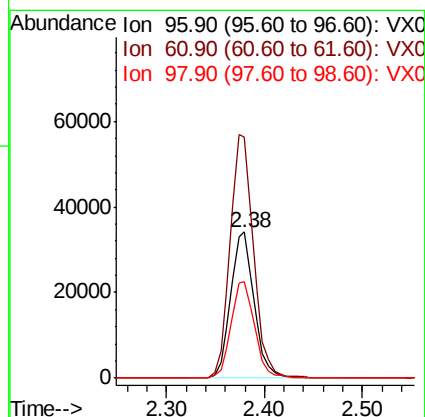
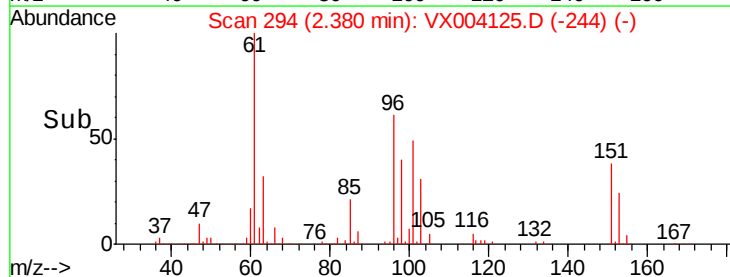
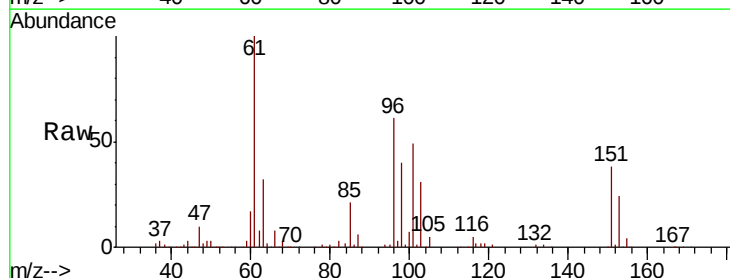
Tgt Ion: 96 Resp: 56842

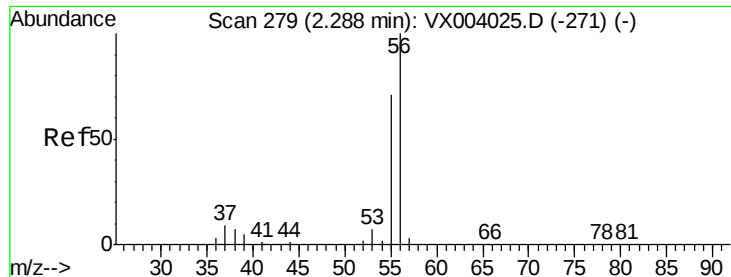
Ion Ratio Lower Upper

96 100

61 165.0 131.3 196.9

98 66.3 51.8 77.6

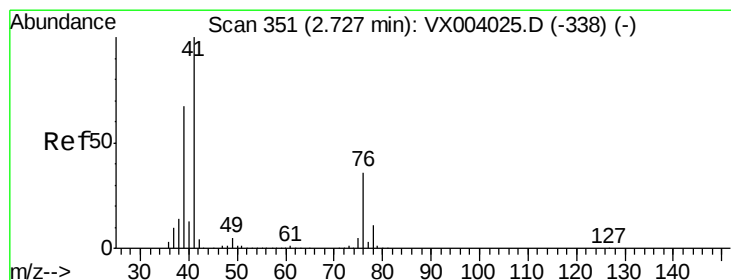
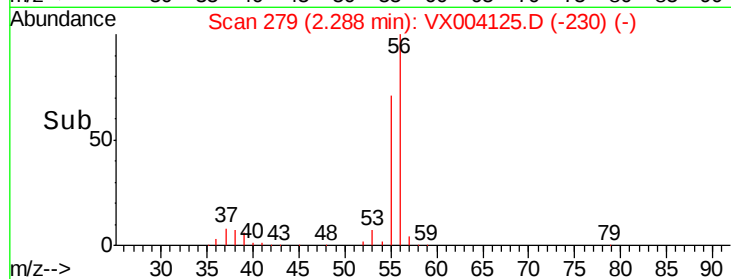
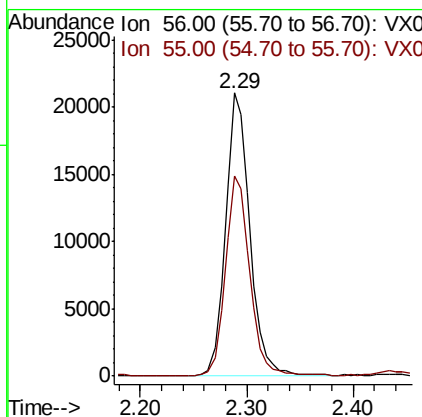
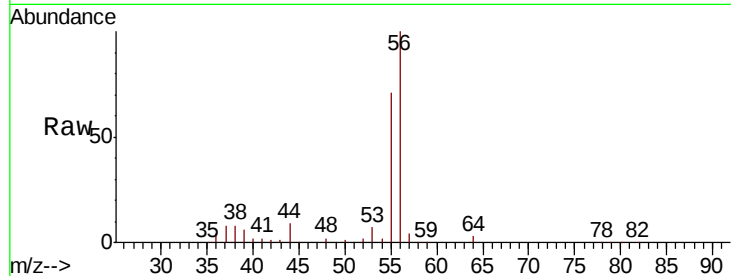




#13
 Acrolein
 Concen: 69.27 ug/l
 RT: 2.29 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

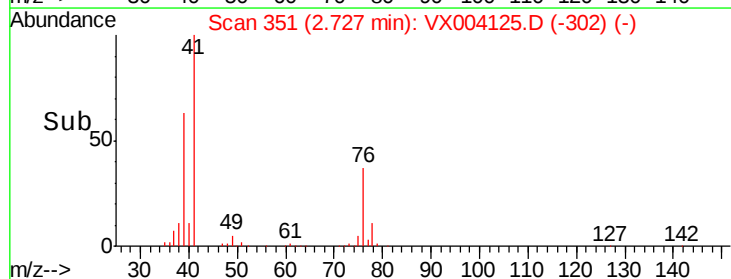
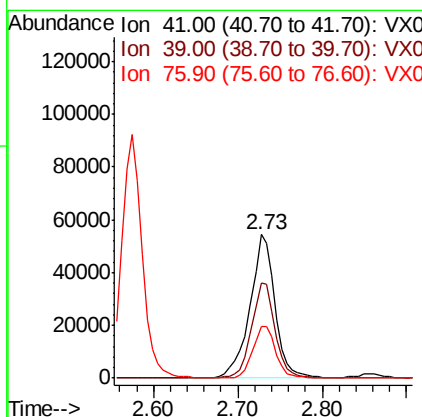
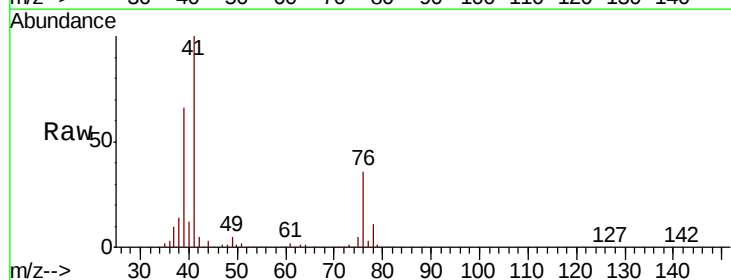
Instrument :
 MSVOA_X
 ClientSampleId :

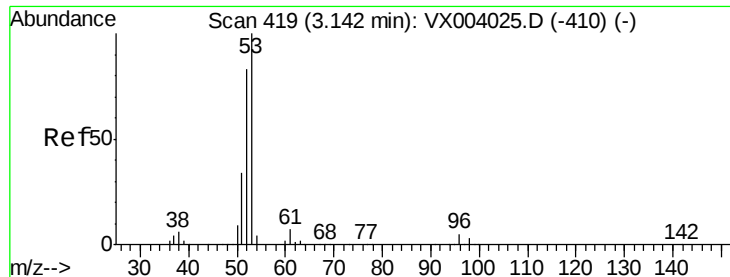
Tot Ion: 56 Resp: 33586
 Ion Ratio Lower Upper
 56 100
 55 71.6 56.1 84.1



#14
 Allyl chloride
 Concen: 19.00 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion: 41 Resp: 108781
 Ion Ratio Lower Upper
 41 100
 39 61.9 47.4 71.0
 76 33.2 26.0 39.0





#15

Acrylonitrile

Concen: 97.20 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

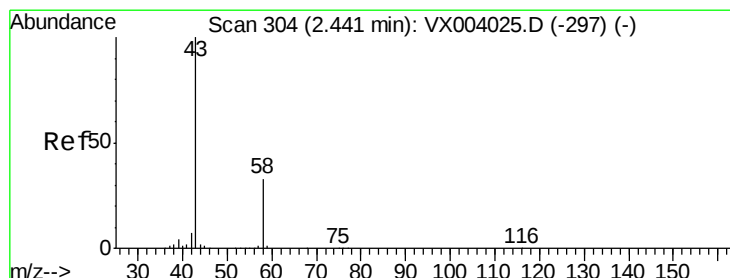
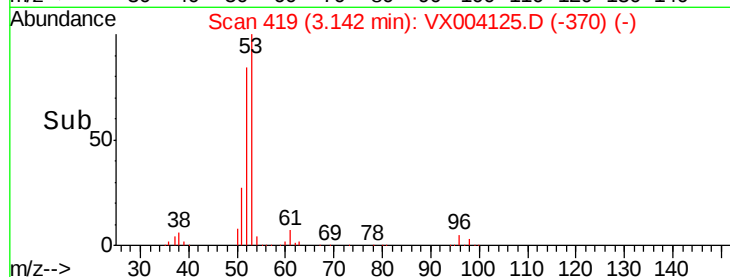
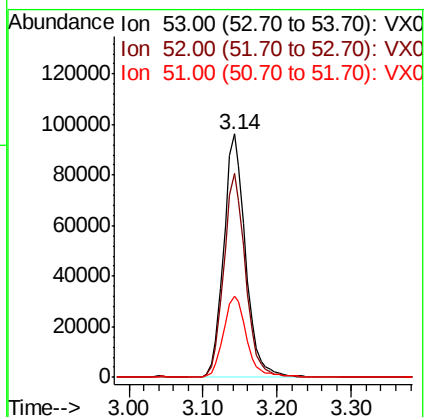
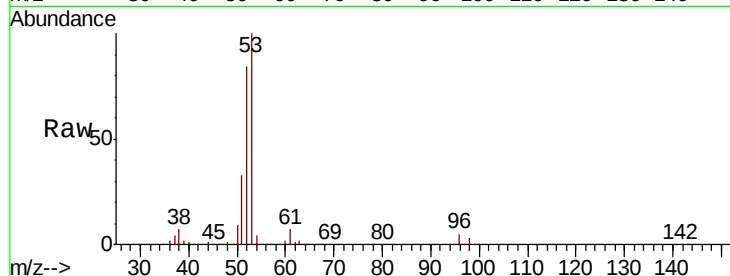
Tot Ion: 53 Resp: 196703

Ion Ratio Lower Upper

53 100

52 83.3 65.3 97.9

51 36.1 27.9 41.9



#16

Acetone

Concen: 100.77 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004125.D

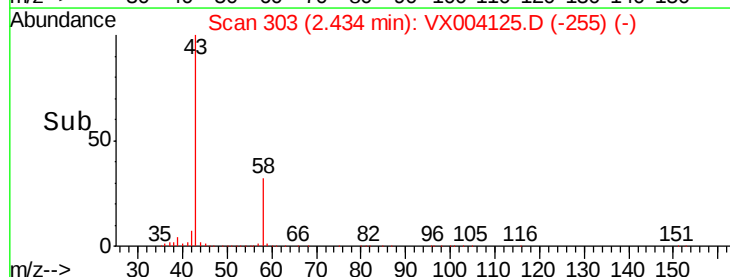
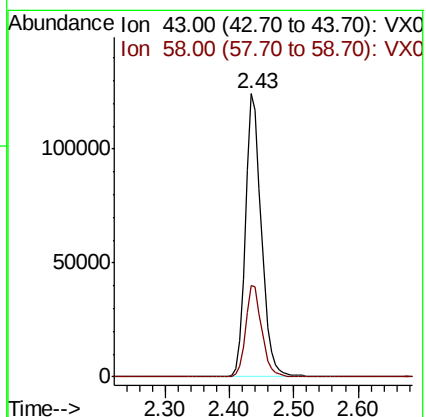
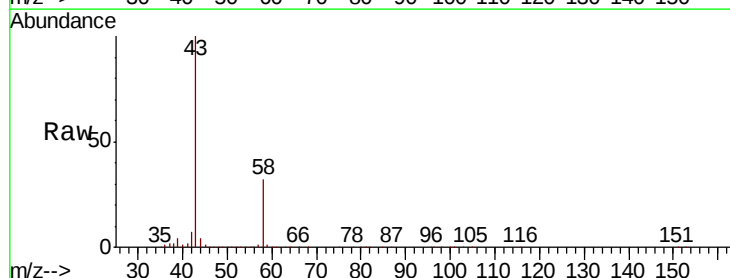
Acq: 17 Aug 2018 12:10

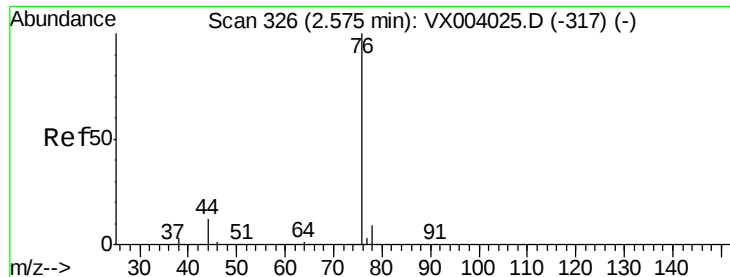
Tgt Ion: 43 Resp: 211172

Ion Ratio Lower Upper

43 100

58 32.3 26.4 39.6

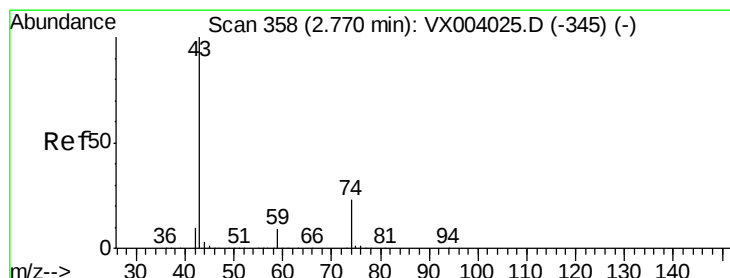
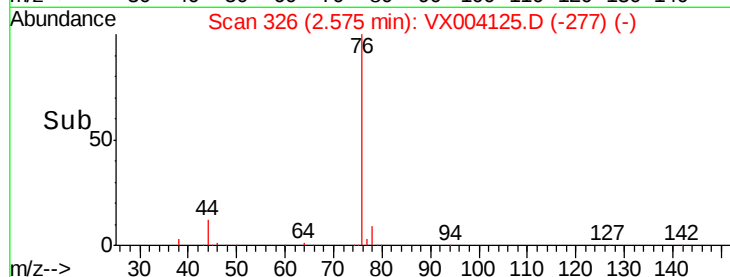
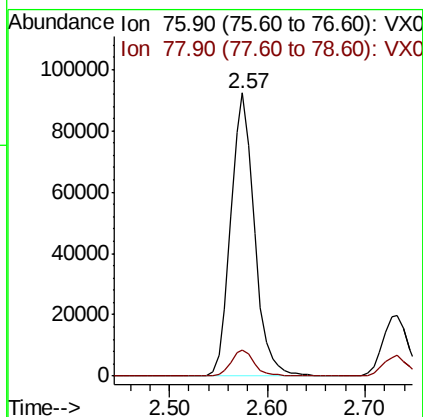
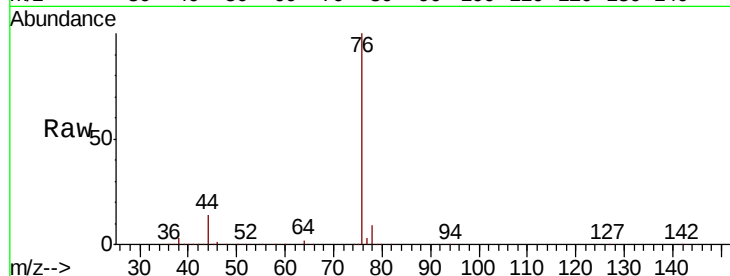




#17
Carbon Disulfide
Concen: 18.16 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

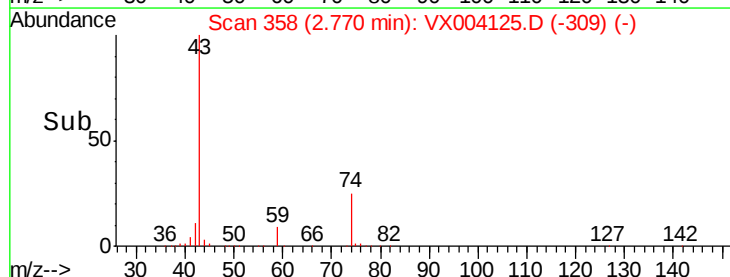
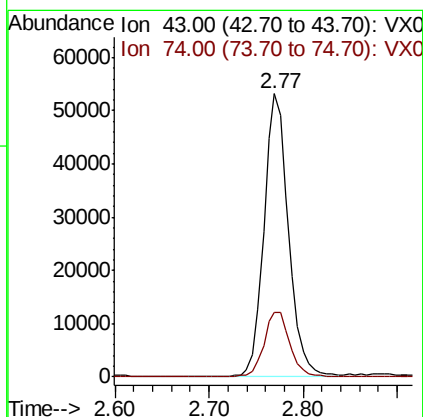
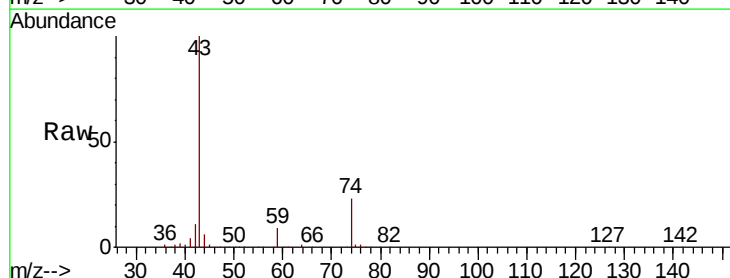
Instrument :
MSVOA_X
ClientSampleId :

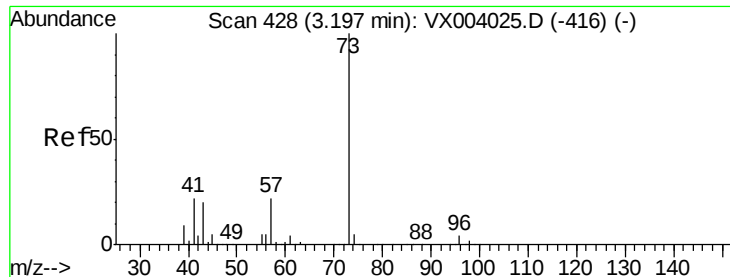
Tot Ion: 76 Resp: 155022
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 20.80 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 43 Resp: 96890
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3



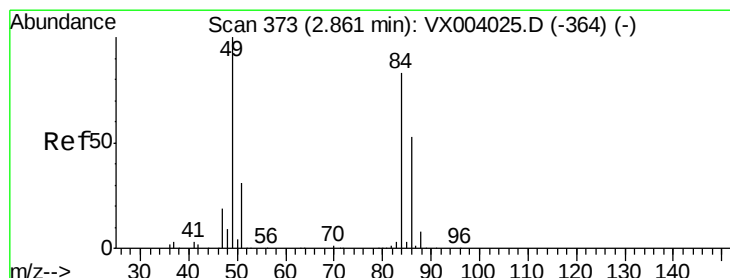
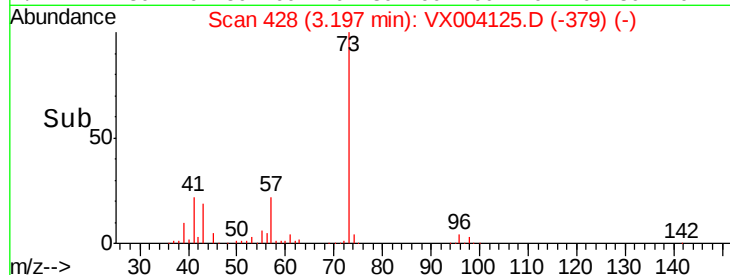
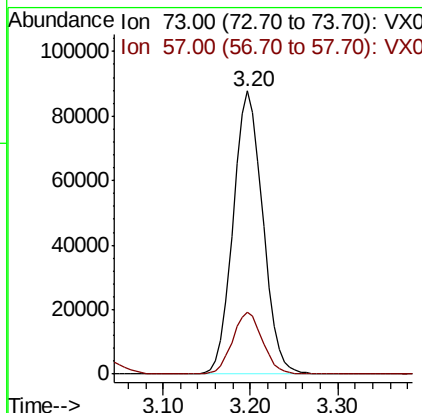
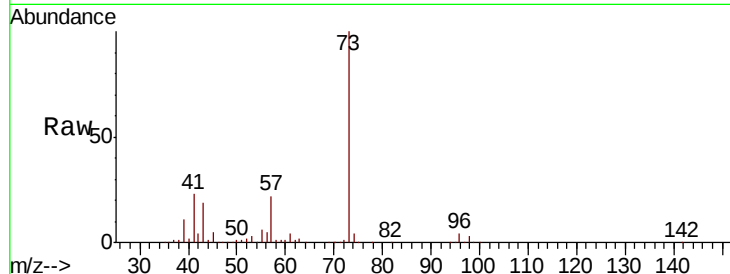


#19

Methyl tert-butyl Ether
 Concen: 19.53 ug/l
 RT: 3.20 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :

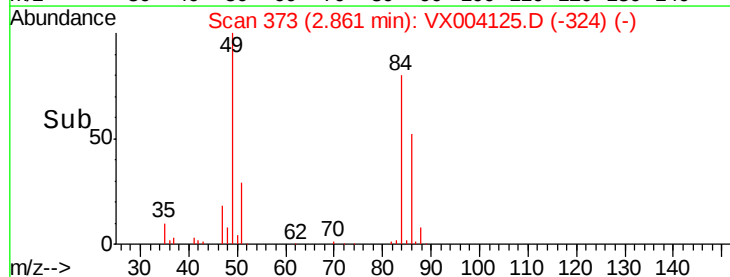
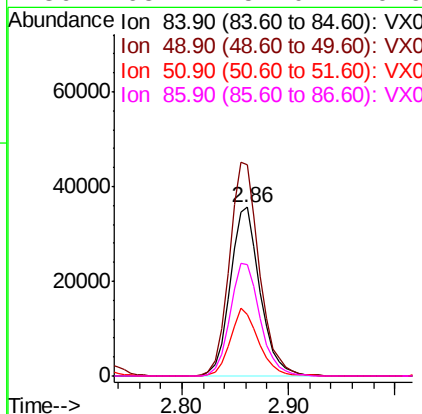
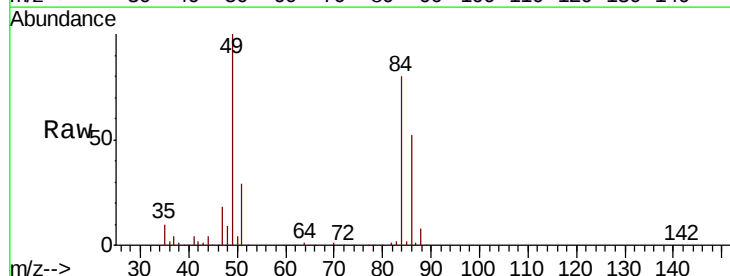
Tot Ion: 73 Resp: 207034
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.0 27.0

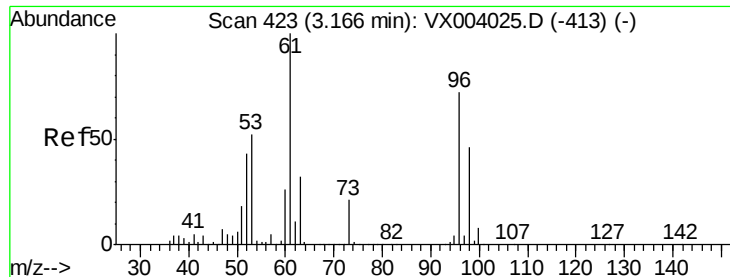


#20

Methylene Chloride
 Concen: 20.04 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion: 84 Resp: 69904
 Ion Ratio Lower Upper
 84 100
 49 125.3 98.9 148.3
 51 36.3 29.9 44.9
 86 65.7 51.0 76.6

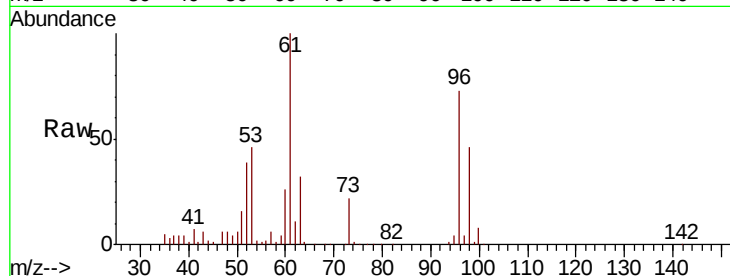




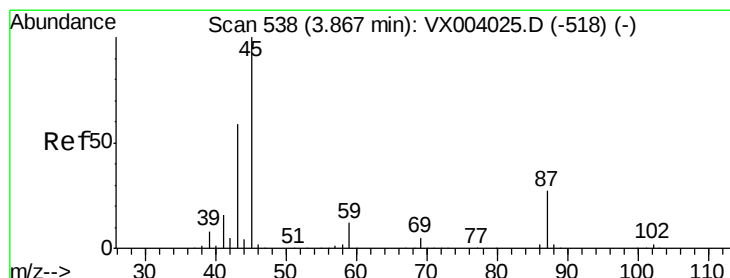
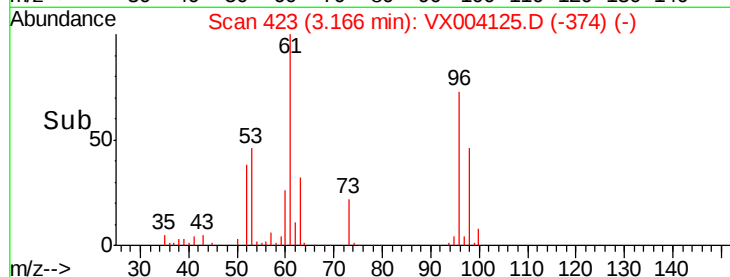
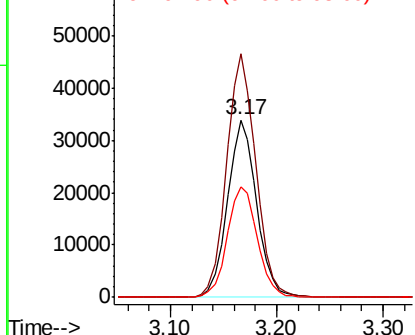
#21
trans-1,2-Dichloroethene
Concen: 18.94 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 64730
Ion Ratio Lower Upper
96 100
61 137.3 111.8 167.6
98 62.6 51.8 77.6

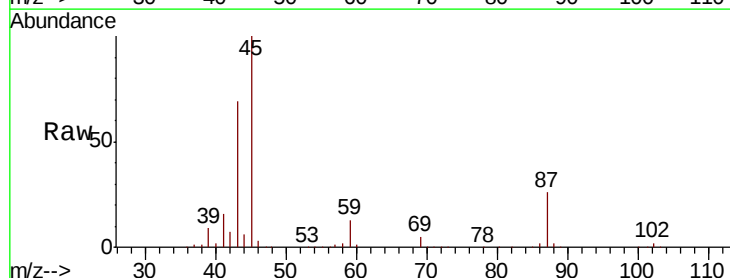


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

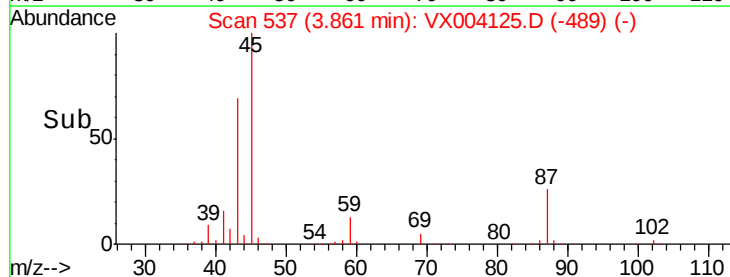
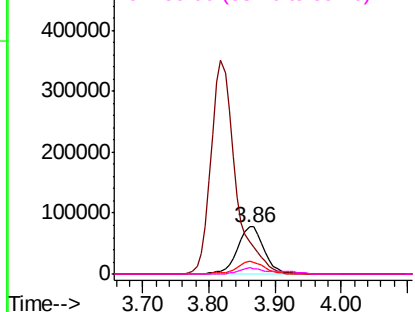


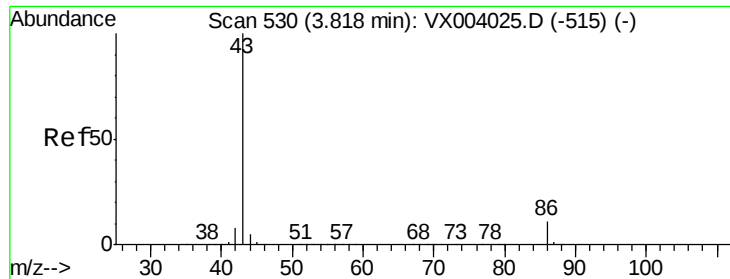
#22
Diisopropyl ether
Concen: 19.31 ug/l
RT: 3.86 min Scan# 537
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 45 Resp: 216695
Ion Ratio Lower Upper
45 100
43 68.3 45.3 67.9#
87 26.0 22.7 34.1
59 12.6 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

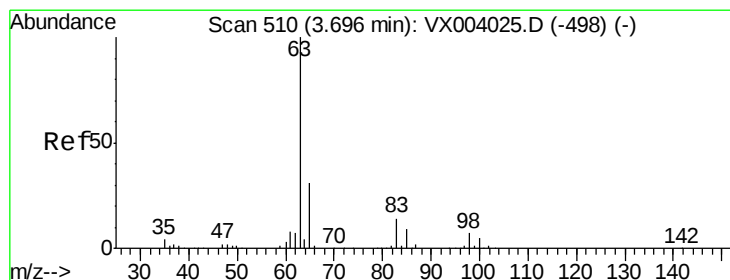
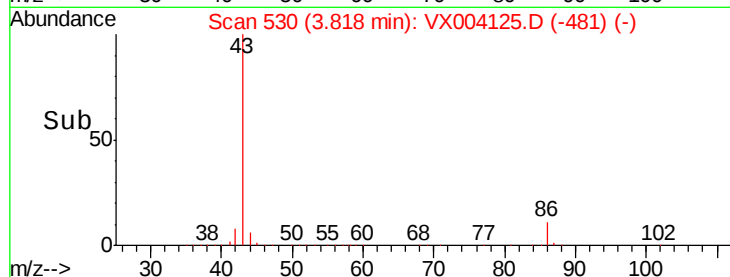
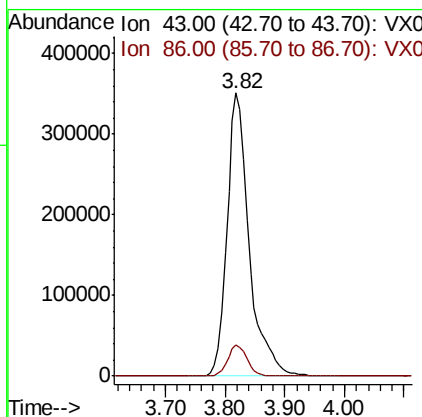
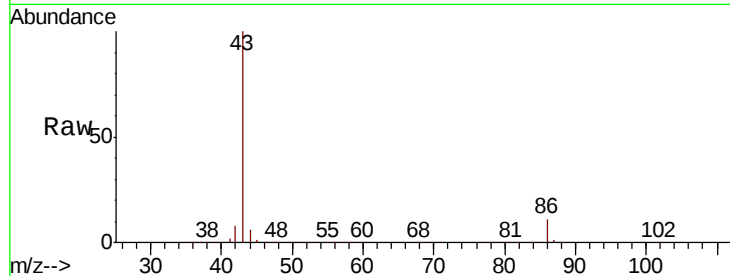




#23
 Vinyl Acetate
 Concen: 98.19 ug/l
 RT: 3.82 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

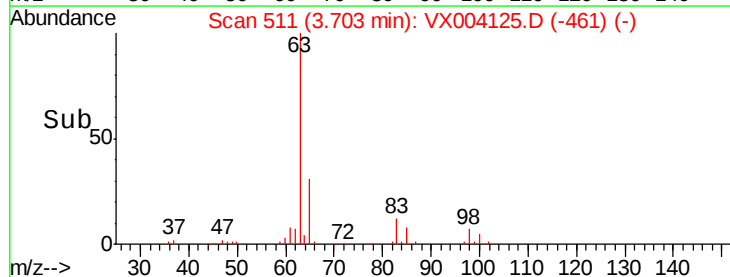
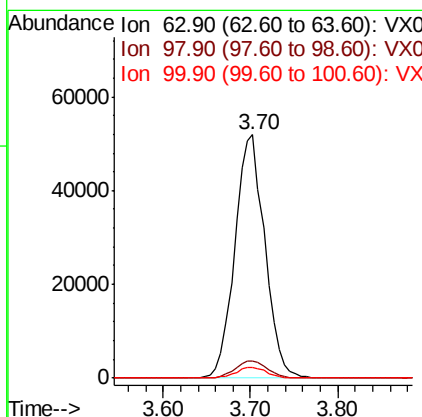
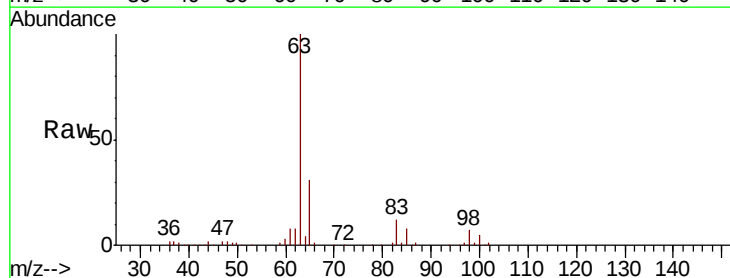
Instrument :
 MSVOA_X
 ClientSampleId :

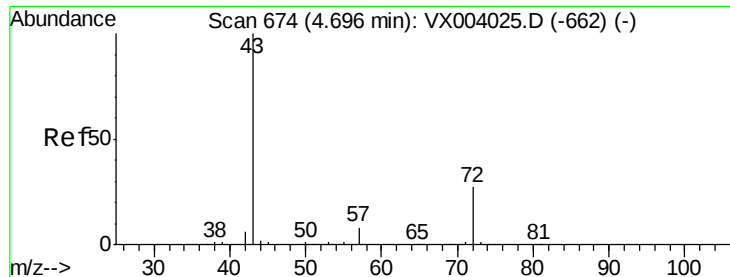
Tot Ion: 43 Resp: 904937
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.45 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion: 63 Resp: 123628
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 106.77 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

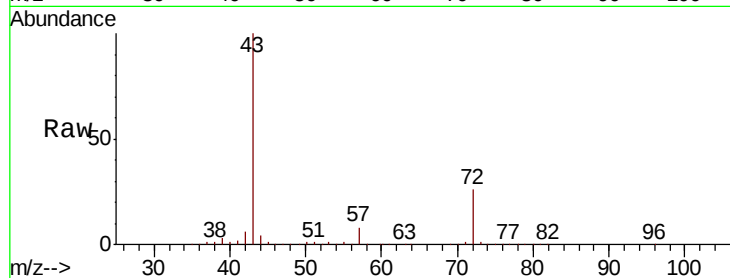
ClientSampleId :

Tot Ion: 43 Resp: 364061

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX004125.D (-625) (-)

Ion 72.00 (71.70 to 72.70): VX004125.D (-625) (-)

150000

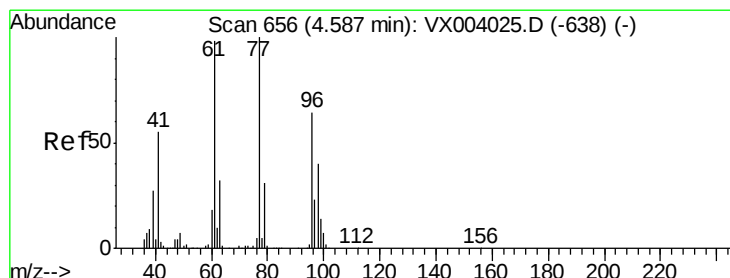
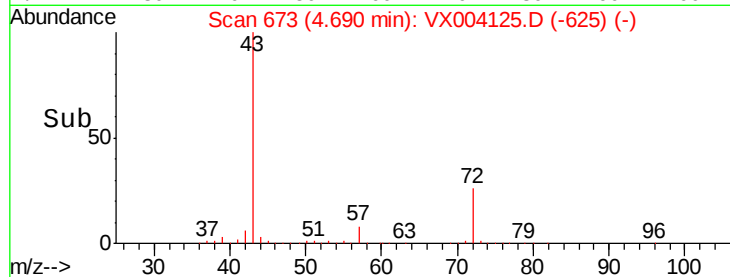
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.92 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004125.D

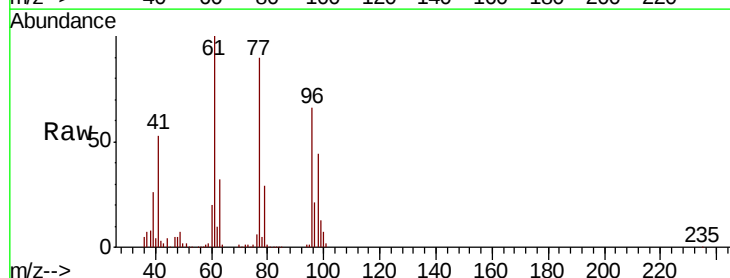
Acq: 17 Aug 2018 12:10

Tgt Ion: 77 Resp: 95583

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX004125.D (-607) (-)

Ion 96.90 (96.60 to 97.60): VX004125.D (-607) (-)

30000

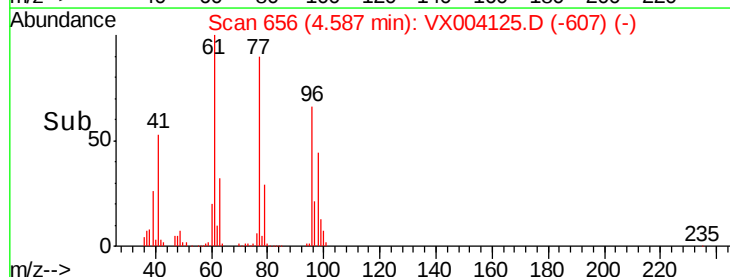
20000

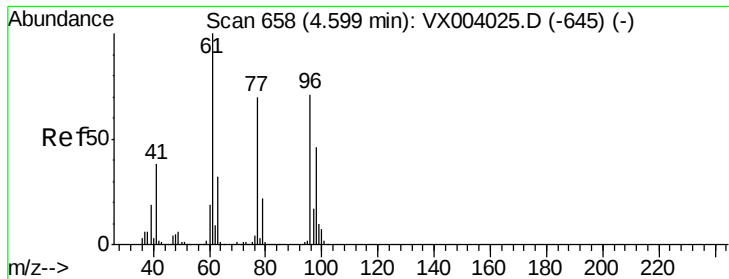
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 20.42 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

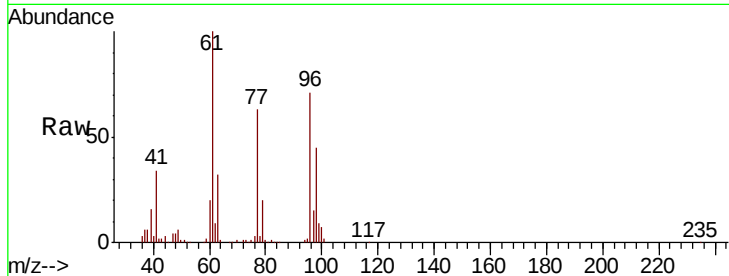
Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 78477

Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	293.0
98	65.4	0.0	131.8

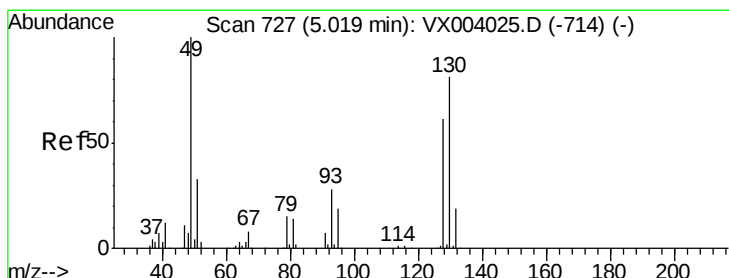
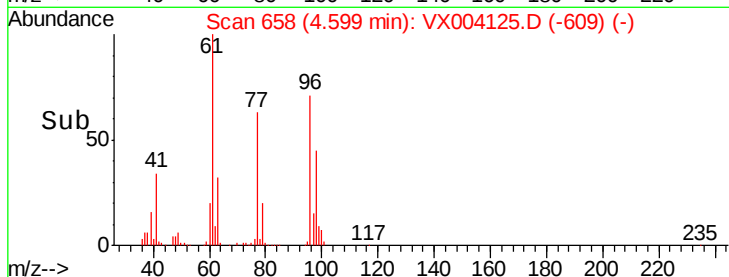
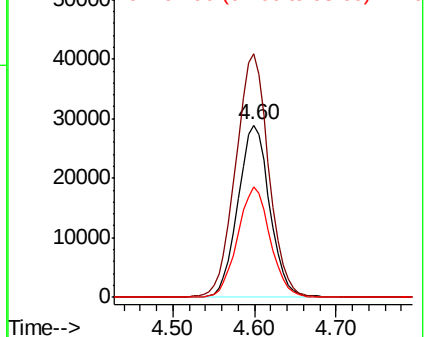


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.94 ug/l

RT: 5.02 min Scan# 727

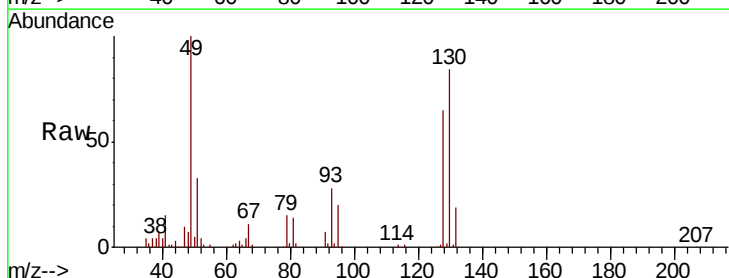
Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion: 49 Resp: 58157

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	80.9	66.5	99.7

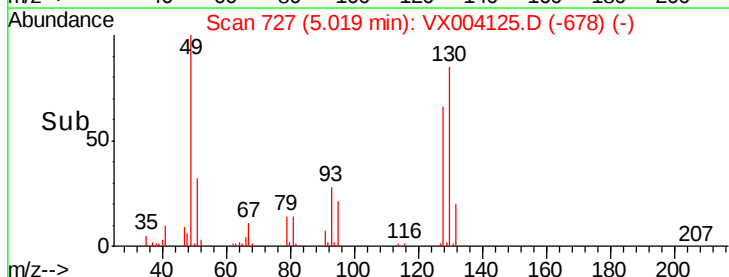
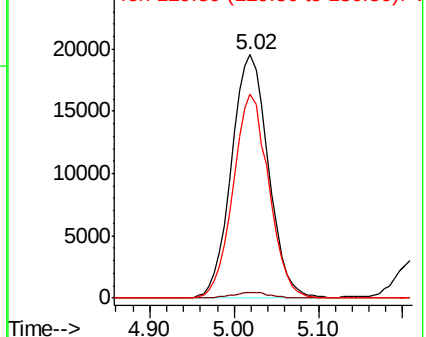


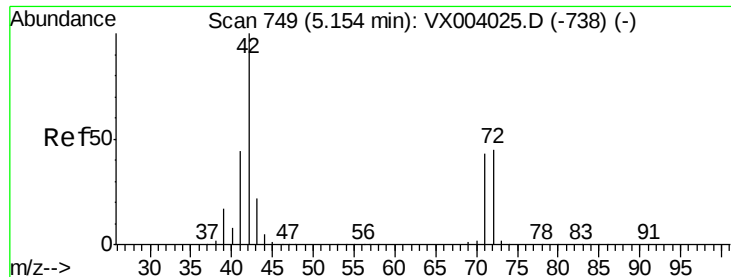
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 95.53 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

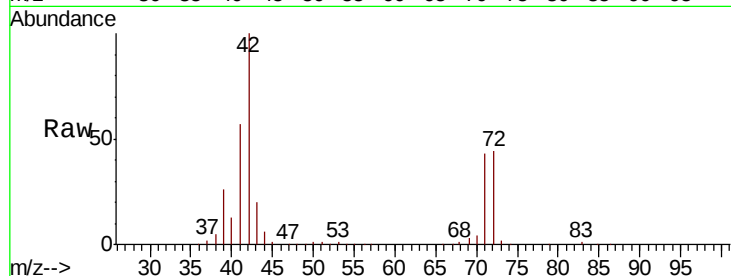
Tot Ion: 42 Resp: 166433

Ion Ratio Lower Upper

42 100

72 46.6 37.7 56.5

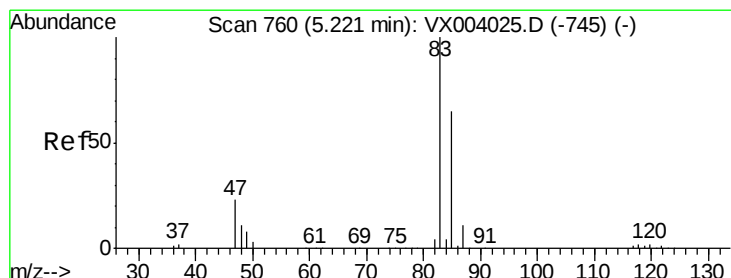
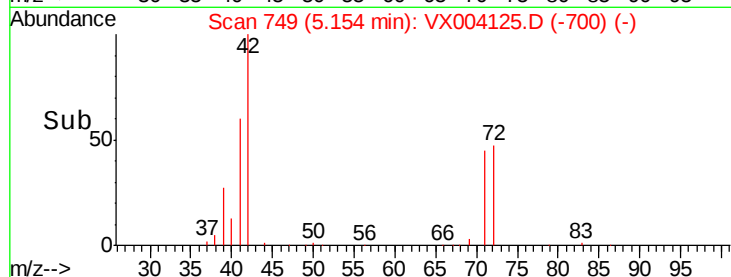
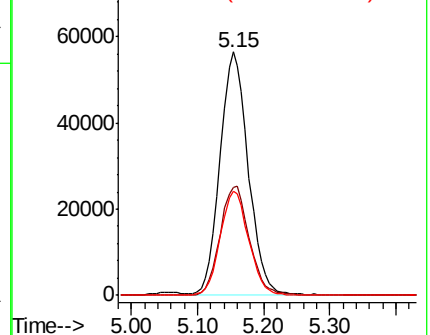
71 43.1 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.40 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004125.D

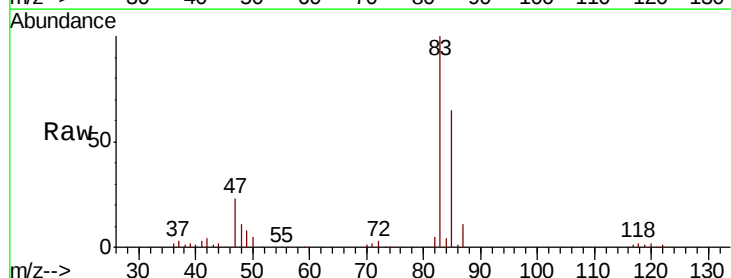
Acq: 17 Aug 2018 12:10

Tgt Ion: 83 Resp: 126546

Ion Ratio Lower Upper

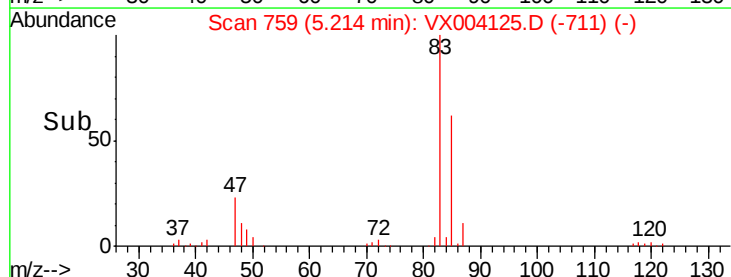
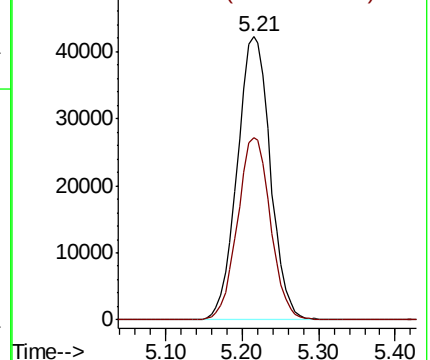
83 100

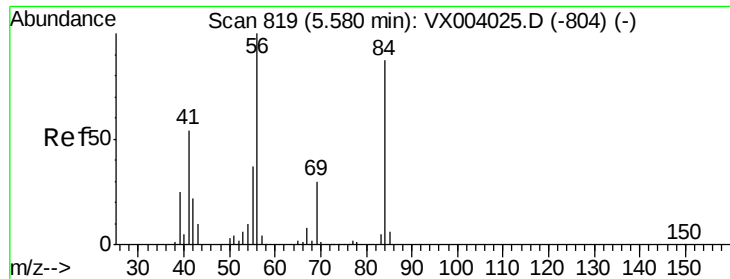
85 64.6 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.98 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

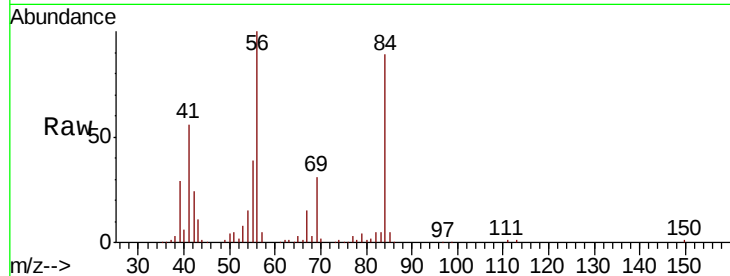
Tot Ion: 56 Resp: 100158

Ion Ratio Lower Upper

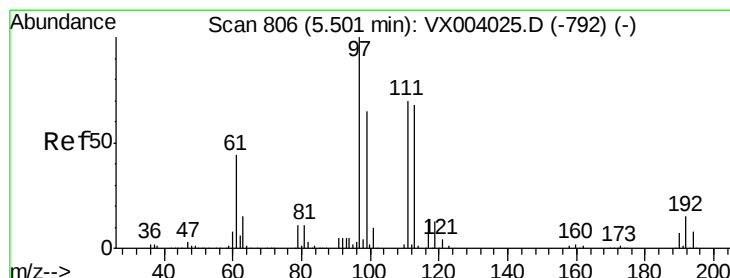
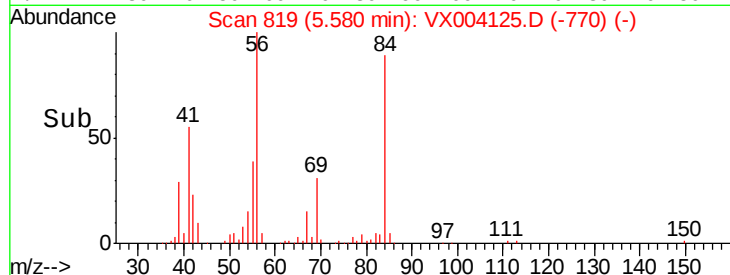
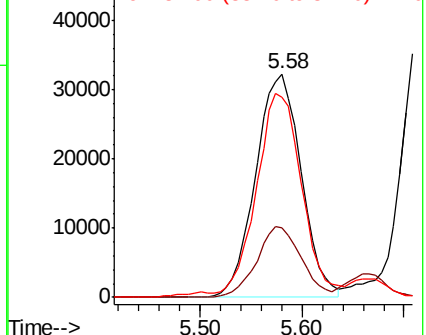
56 100

69 31.0 24.9 37.3

84 87.9 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 20.22 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

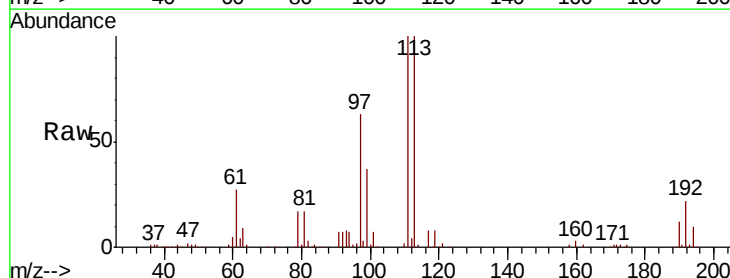
Tgt Ion: 97 Resp: 104821

Ion Ratio Lower Upper

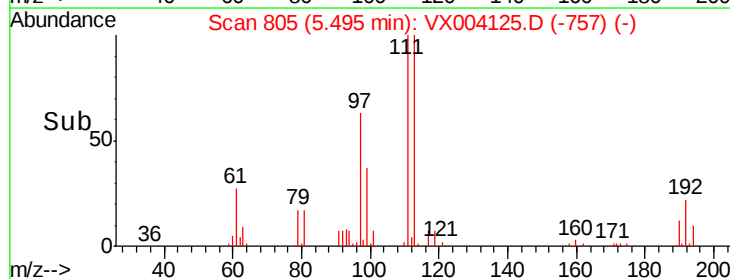
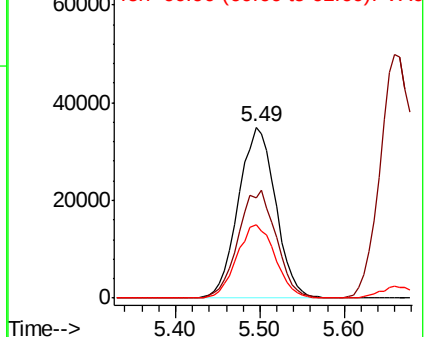
97 100

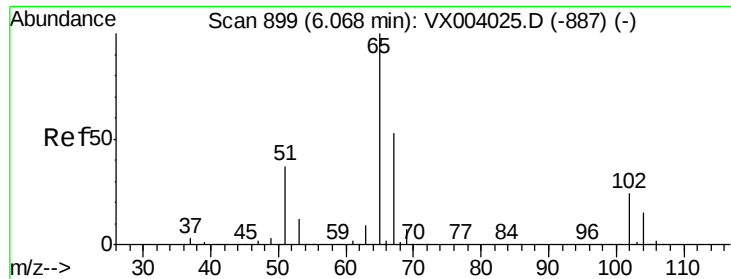
99 64.4 51.8 77.8

61 44.1 34.4 51.6



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

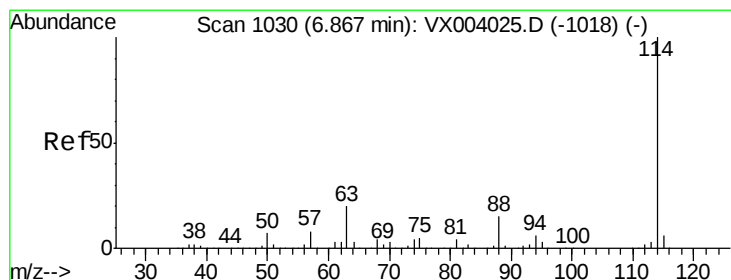
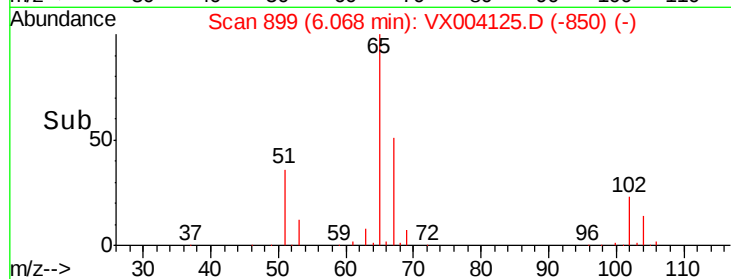
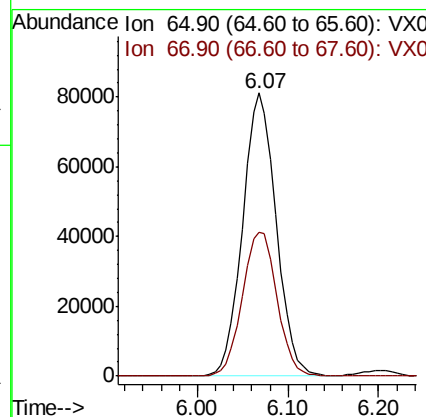
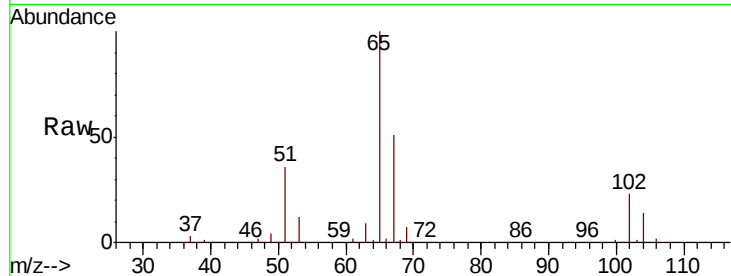




#33
 1,2-Dichloroethane-d4
 Concen: 51.48 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

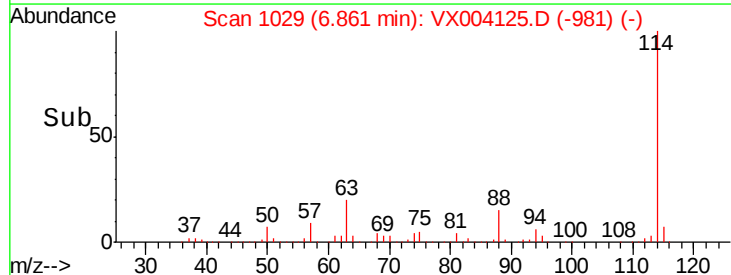
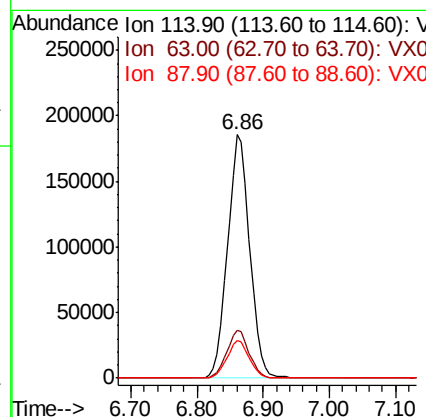
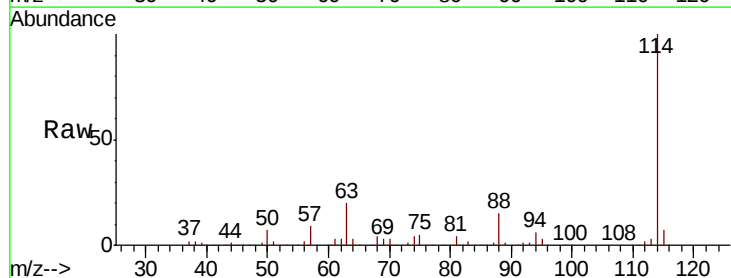
Instrument :
 MSVOA_X
 ClientSampleId :

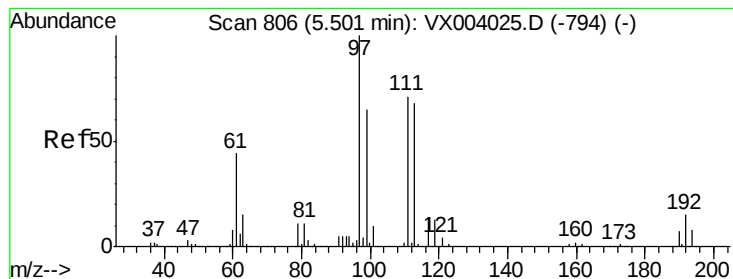
Tot Ion: 65 Resp: 207504
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion: 114 Resp: 430083
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.31 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

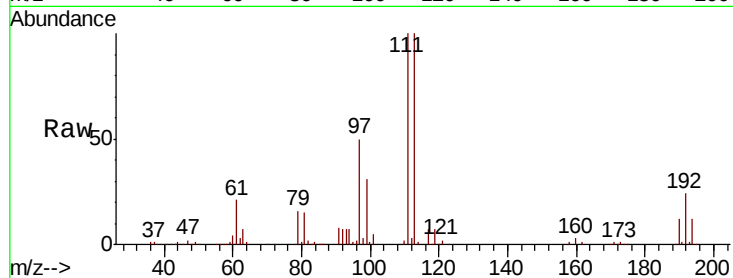
Tot Ion:113 Resp: 168364

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

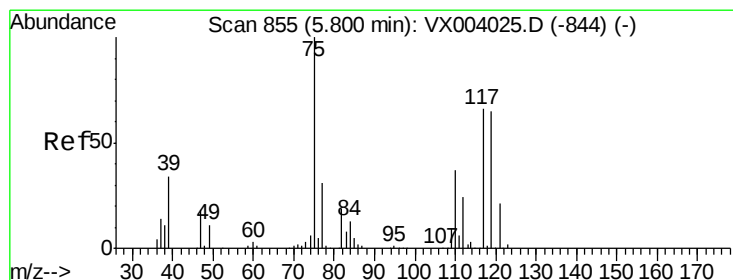
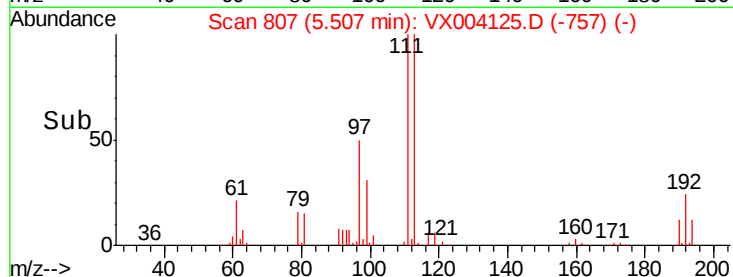
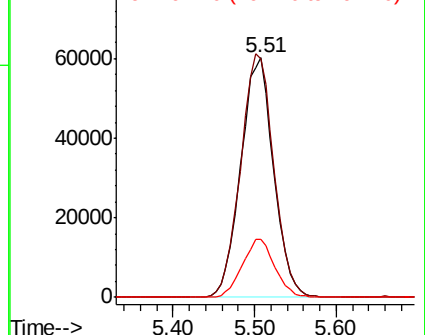
192 23.9 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.47 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

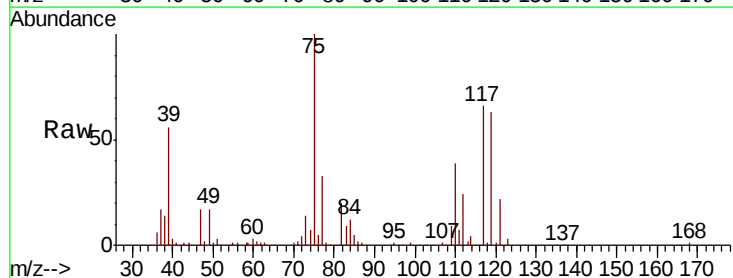
Tgt Ion: 75 Resp: 90416

Ion Ratio Lower Upper

75 100

110 37.0 18.2 54.6

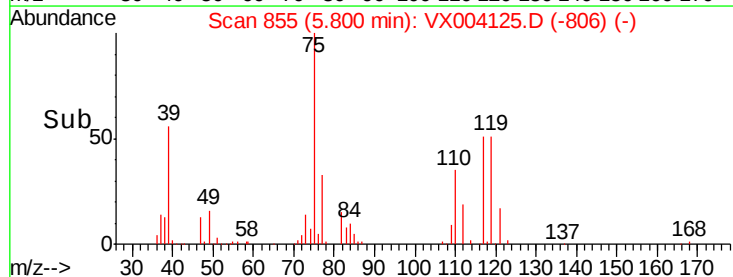
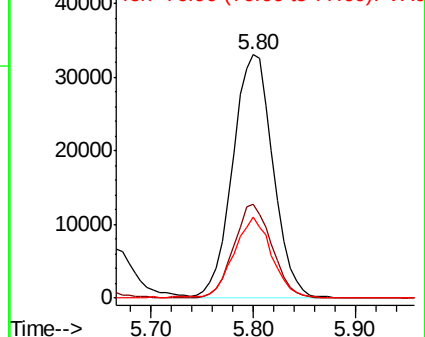
77 31.4 25.0 37.4

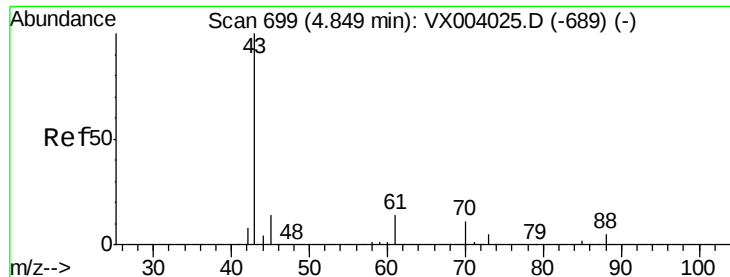


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

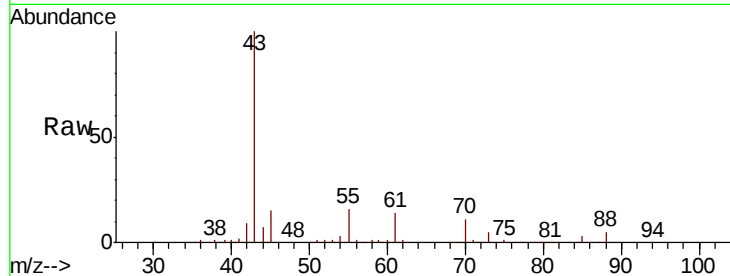




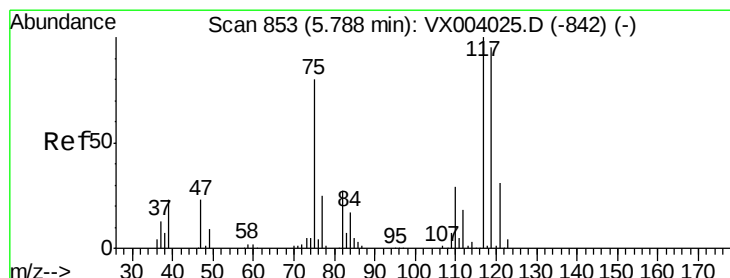
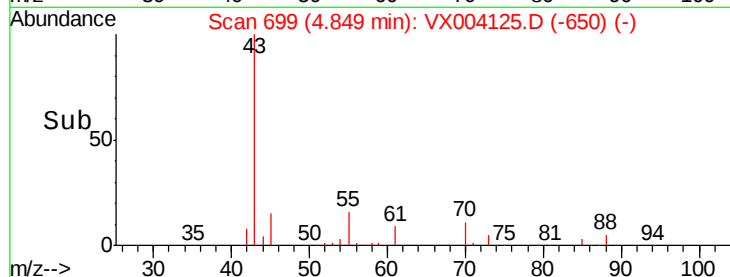
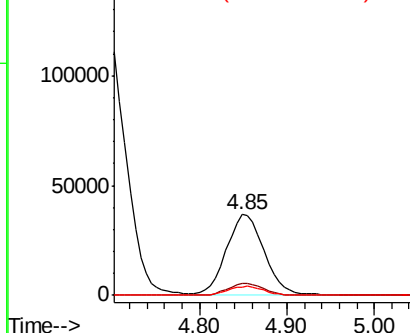
#37
Ethyl Acetate
Concen: 20.73 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 110473
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 11.1 9.0 13.4

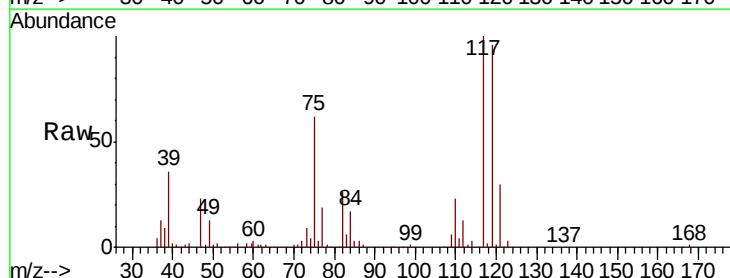


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

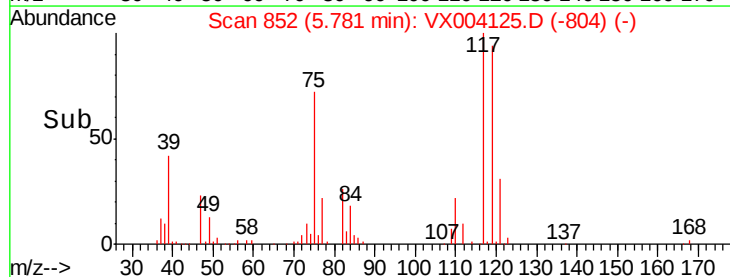
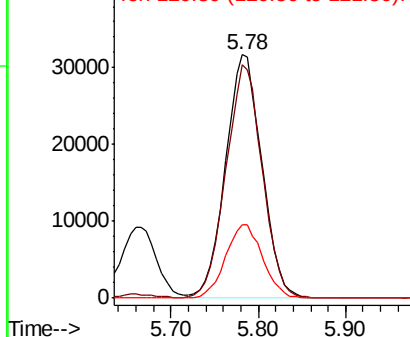


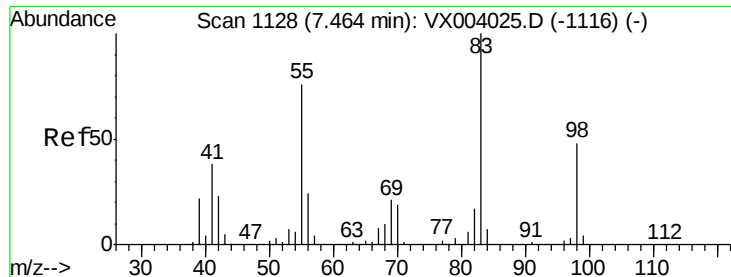
#38
Carbon Tetrachloride
Concen: 19.21 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 117 Resp: 91347
Ion Ratio Lower Upper
117 100
119 95.9 79.5 119.3
121 30.3 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

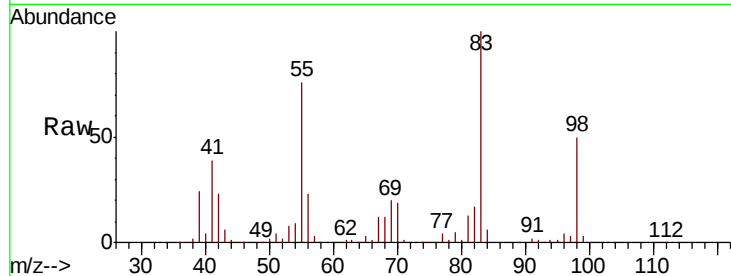




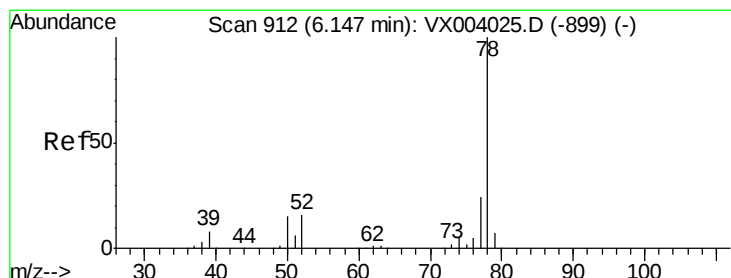
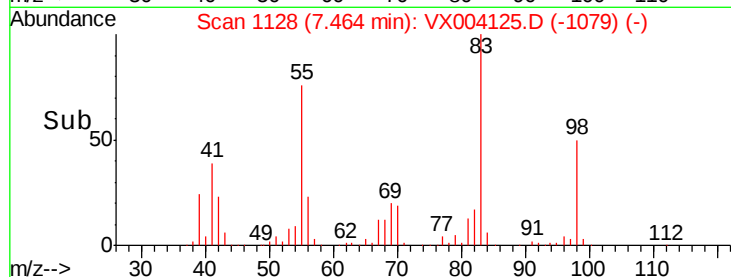
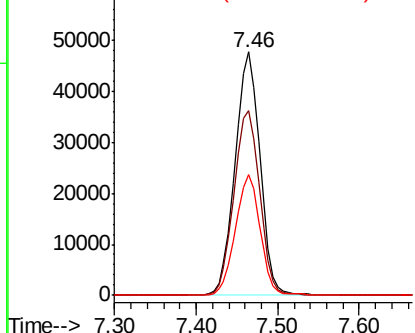
#39
Methvlcvclohexane
Concen: 18.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 100768
Ion Ratio Lower Upper
83 100
55 75.9 61.0 91.6
98 49.7 38.6 57.8

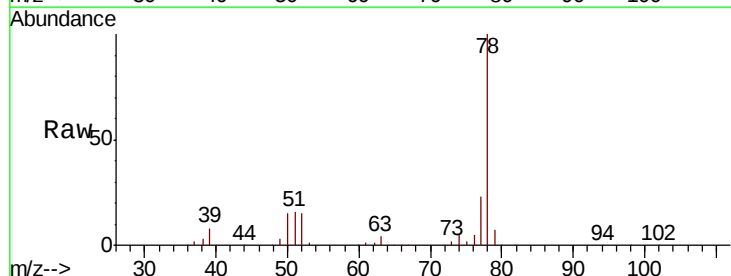


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

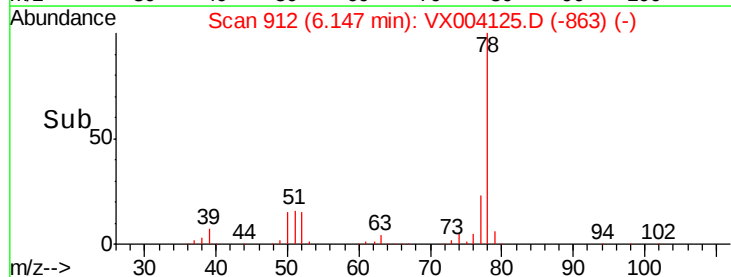
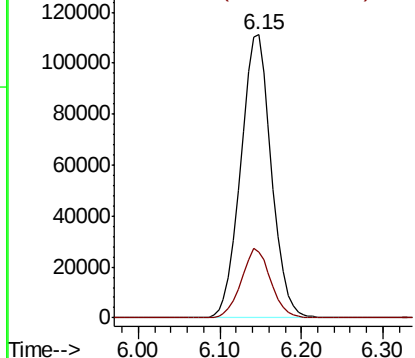


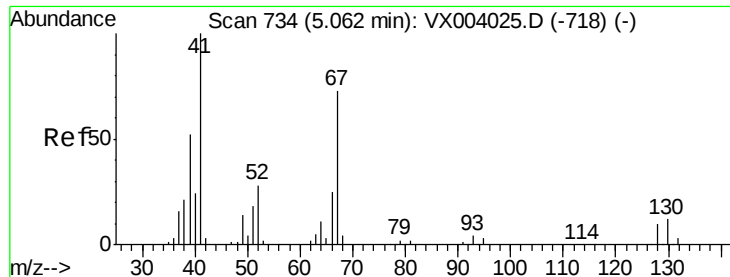
#40
Benzene
Concen: 19.68 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 78 Resp: 289172
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



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

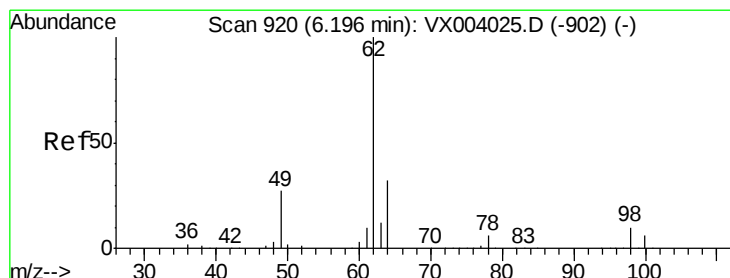
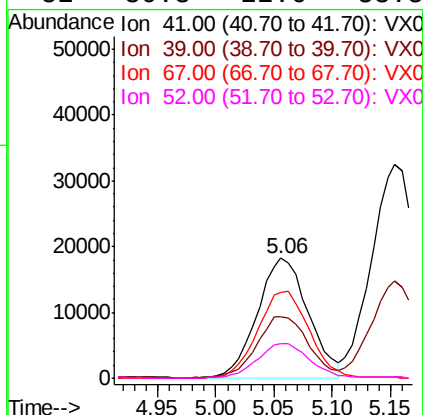
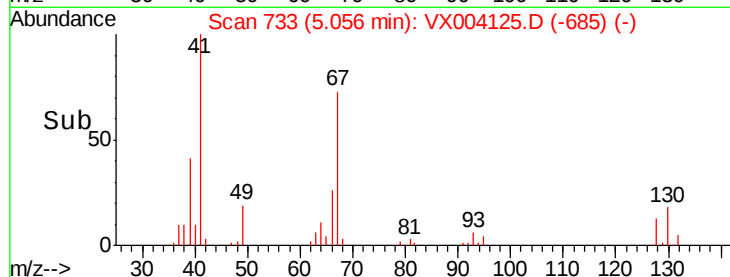
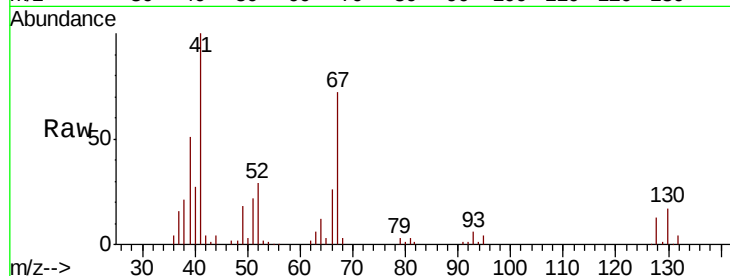




#41
Methacrylonitrile
Concen: 18.58 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

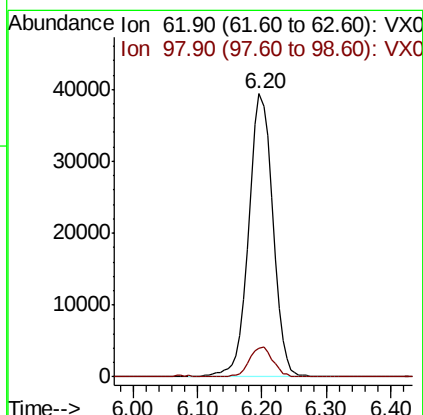
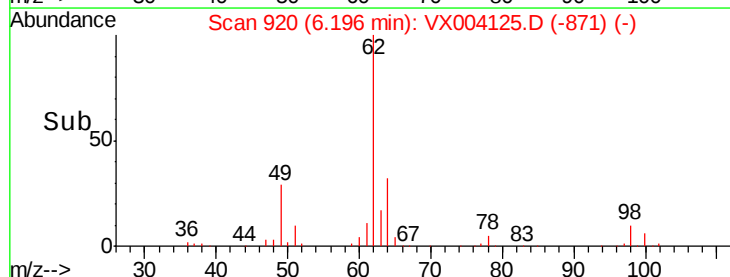
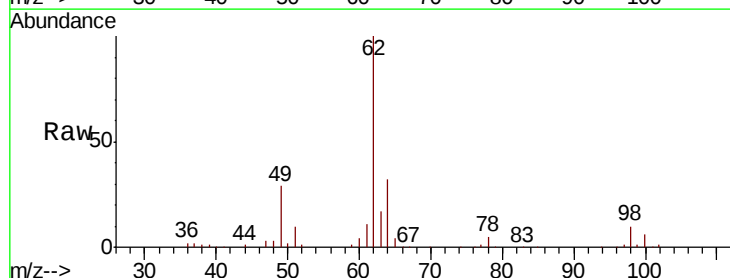
Instrument :
MSVOA_X
ClientSampled :

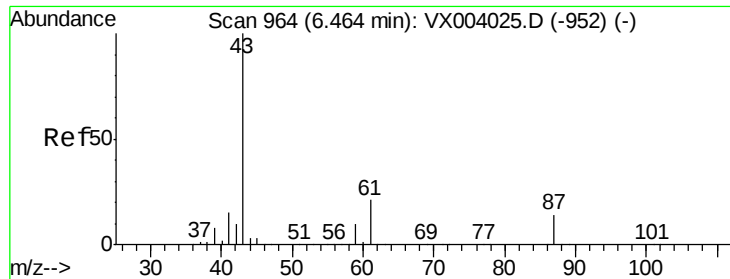
Tot Ion: 41 Resp: 55444
Ion Ratio Lower Upper
41 100
39 51.6 42.7 64.1
67 73.5 58.9 88.3
52 30.3 22.6 33.8



#42
1,2-Dichloroethane
Concen: 19.70 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 62 Resp: 101360
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.4



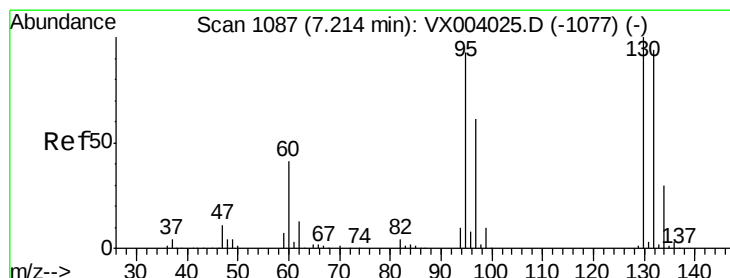
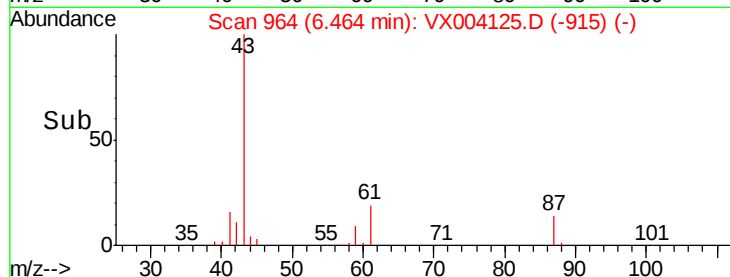
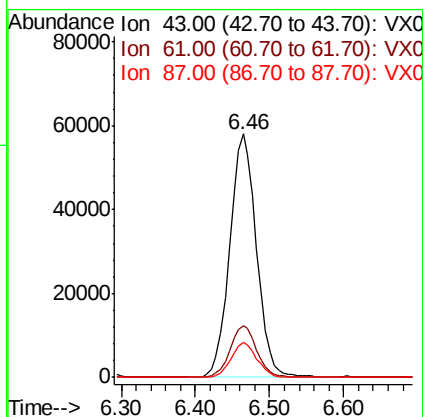
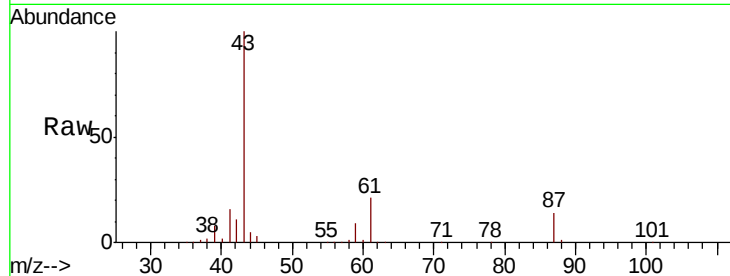


#43

Isopropyl Acetate
 Concen: 18.46 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :

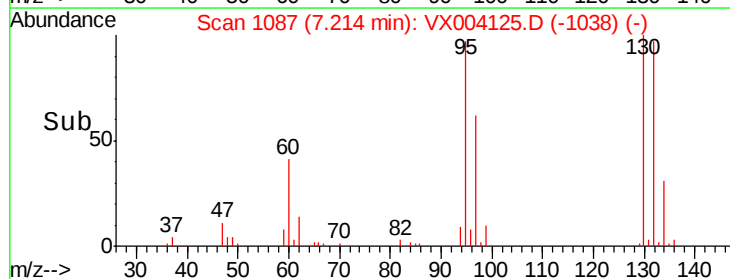
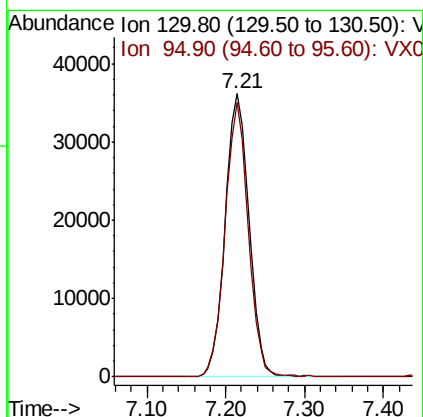
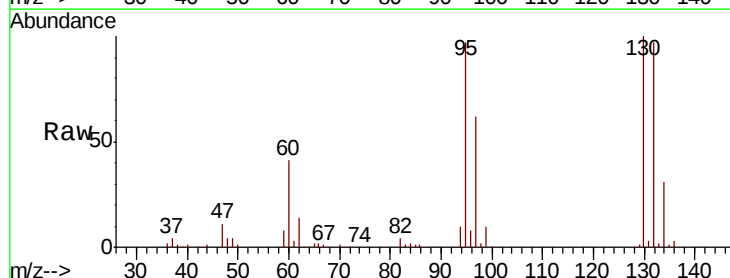
Tot Ion	43	Resp	145004
Ion Ratio	100	Lower	Upper
61	21.1	16.9	25.3
87	13.9	11.3	16.9

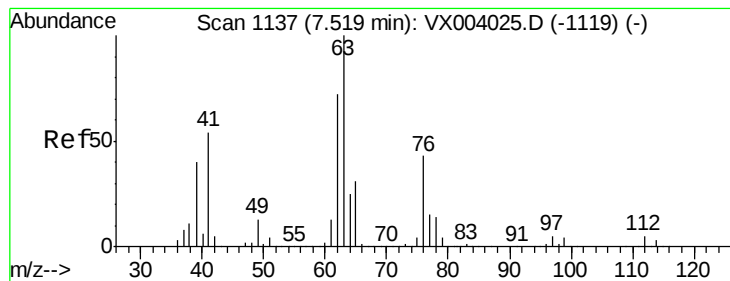


#44

Trichloroethene
 Concen: 19.19 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion	130	Resp	76574
Ion Ratio	100	Lower	Upper
95	97.0	0.0	199.4





#45

1,2-Dichloropropane

Concen: 19.19 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

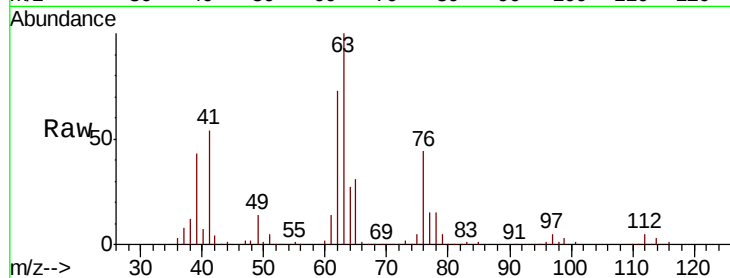
ClientSampled :

Tot Ion: 63 Resp: 72188

Ion Ratio Lower Upper

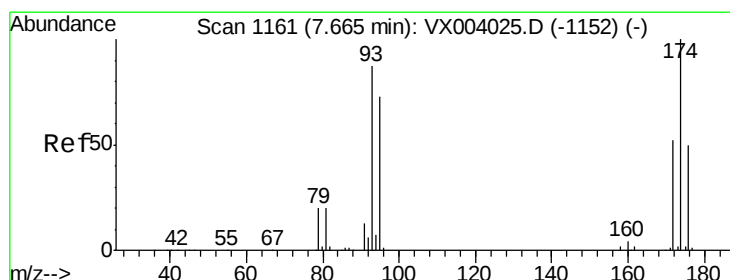
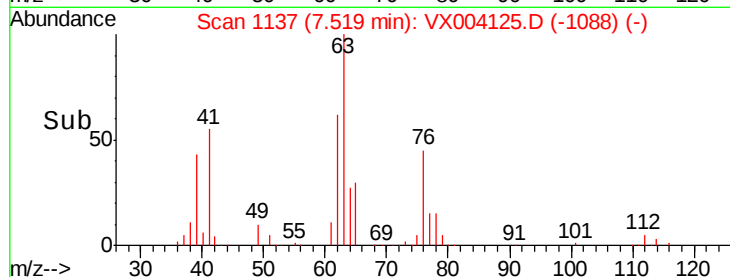
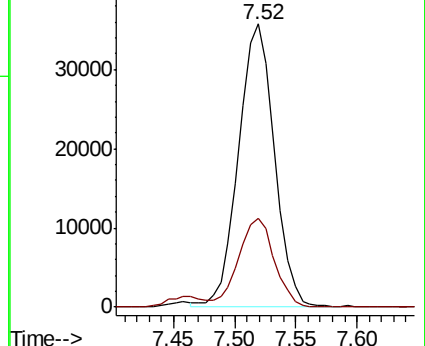
63 100

65 31.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.74 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

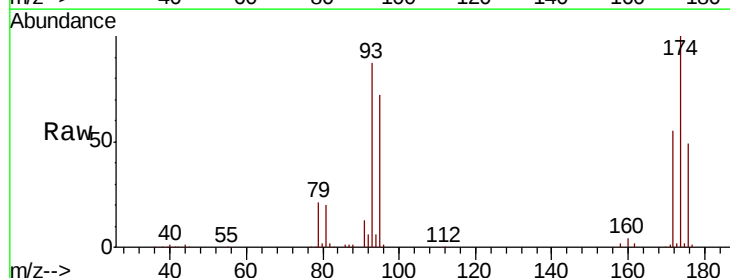
Tgt Ion: 93 Resp: 48526

Ion Ratio Lower Upper

93 100

95 84.3 66.4 99.6

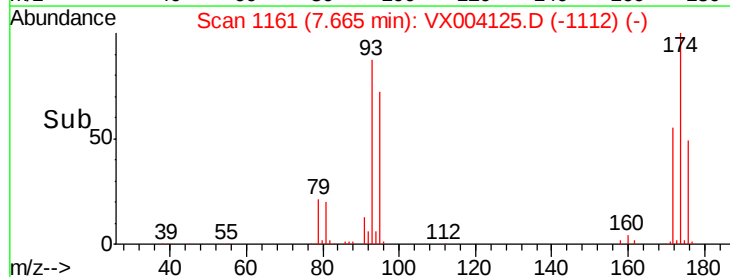
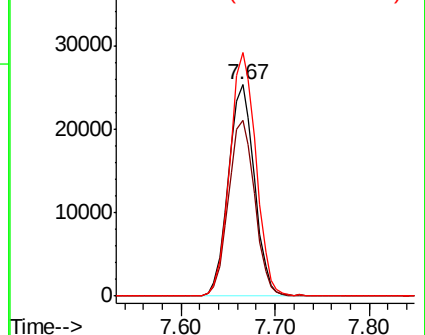
174 116.0 94.3 141.5

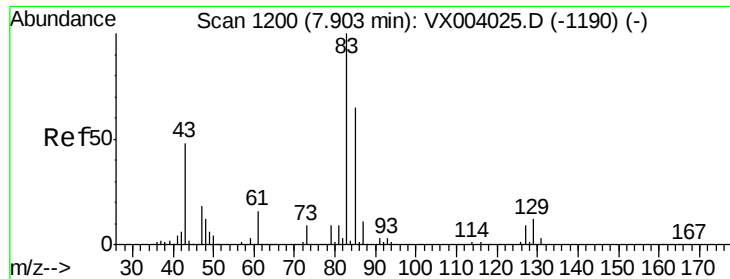


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.71 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

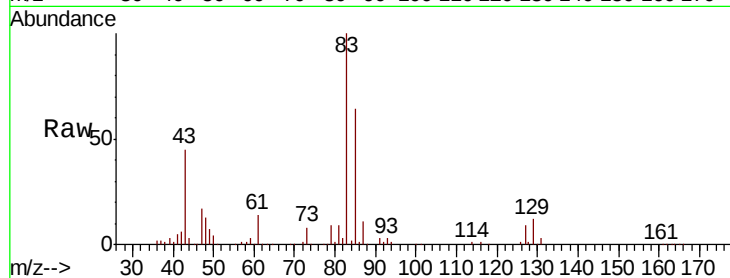
Tot Ion: 83 Resp: 91758

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

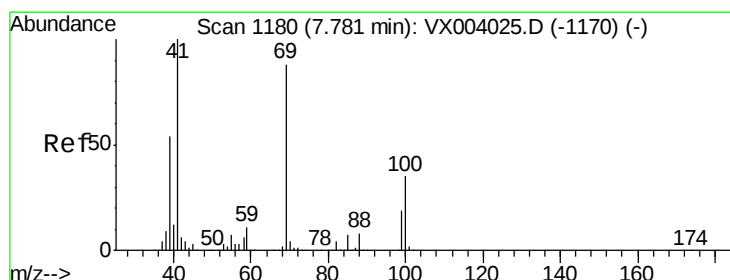
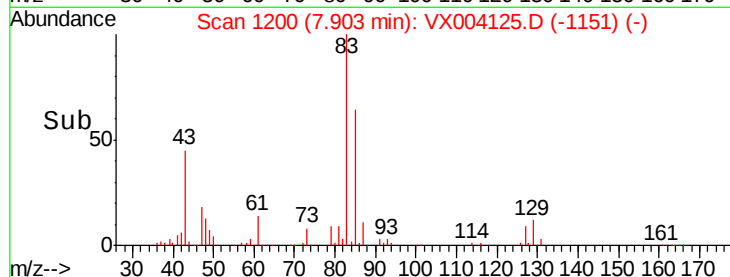
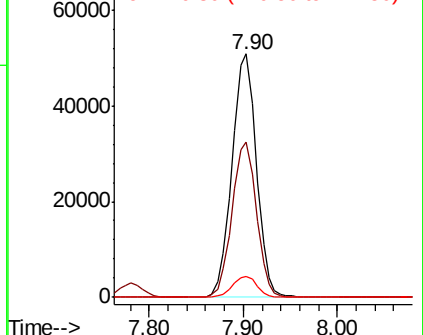
127 8.6 7.2 10.8



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: 19.10 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

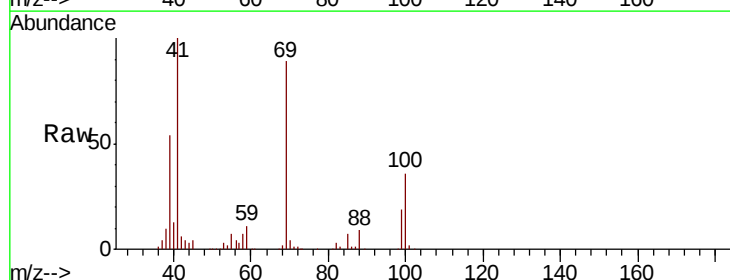
Tgt Ion: 41 Resp: 75537

Ion Ratio Lower Upper

41 100

69 87.3 68.8 103.2

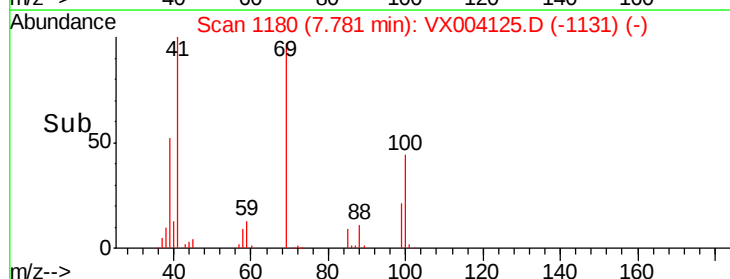
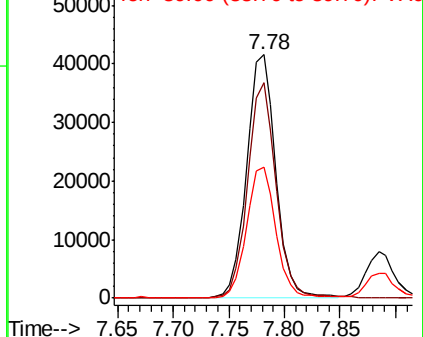
39 54.1 42.3 63.5

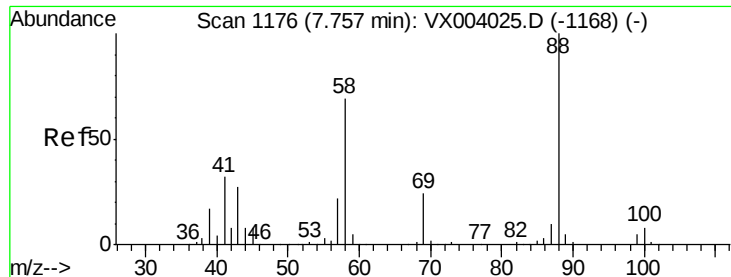


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

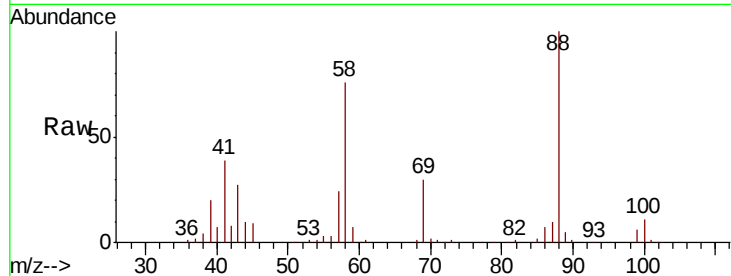




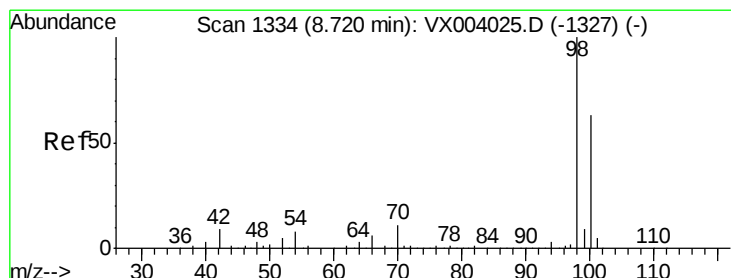
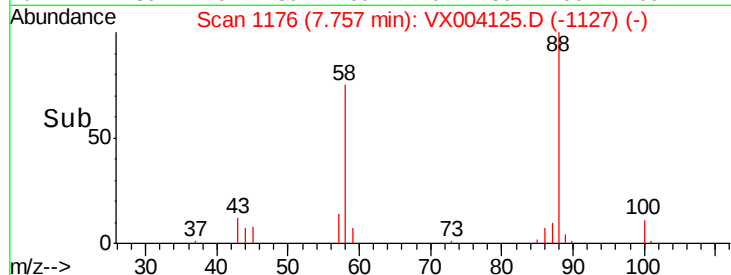
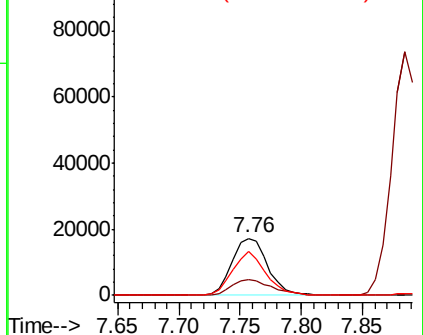
#49
1,4-Dioxane
Concen: 392.71 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 34964
Ion Ratio Lower Upper
88 100
43 31.2 23.8 35.8
58 72.4 55.4 83.0

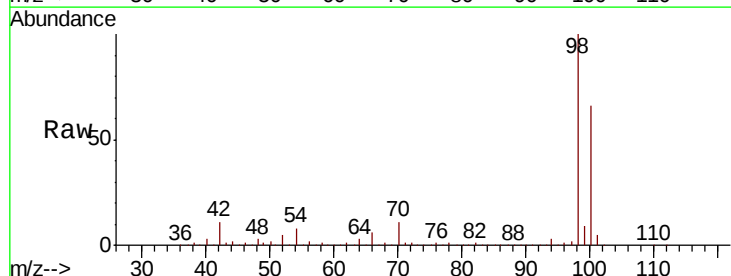


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

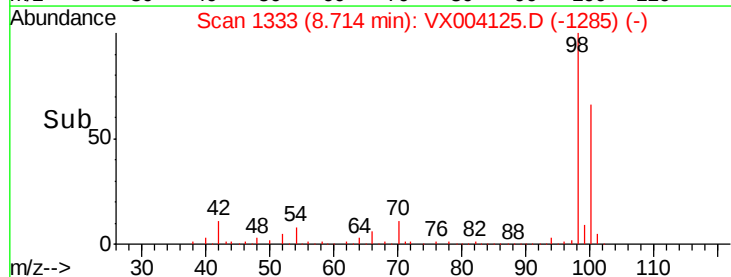
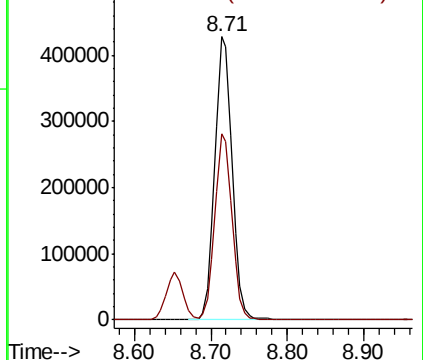


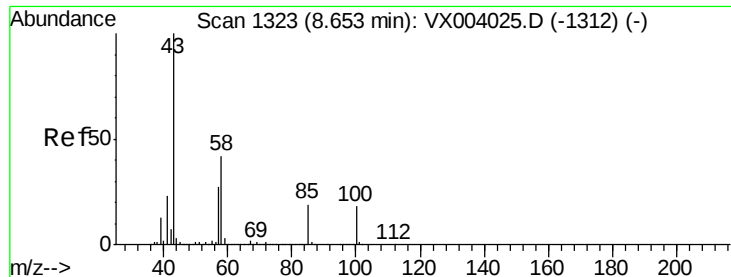
#50
Toluene-d8
Concen: 51.31 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 98 Resp: 669569
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 101.35 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

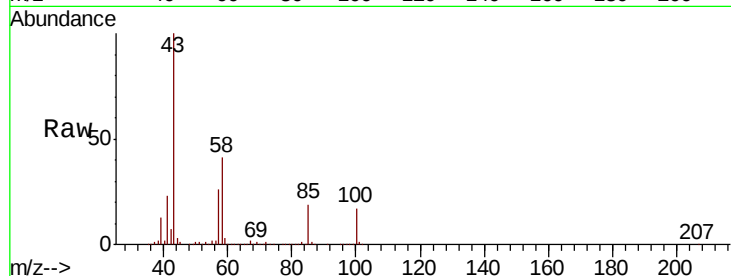
ClientSampled :

Tot Ion: 43 Resp: 652844

Ion Ratio Lower Upper

43 100

58 40.5 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

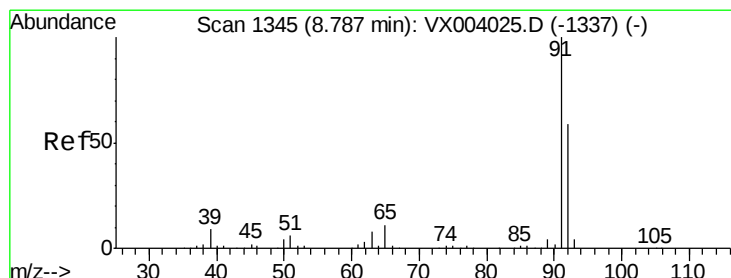
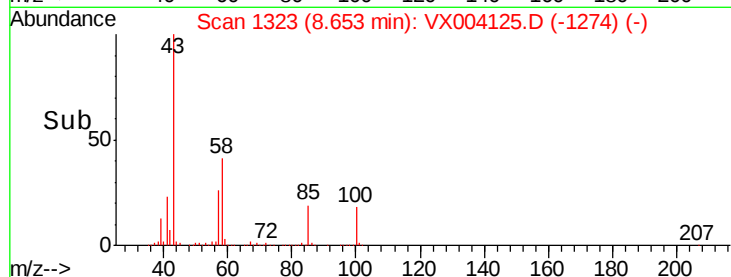
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.04 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004125.D

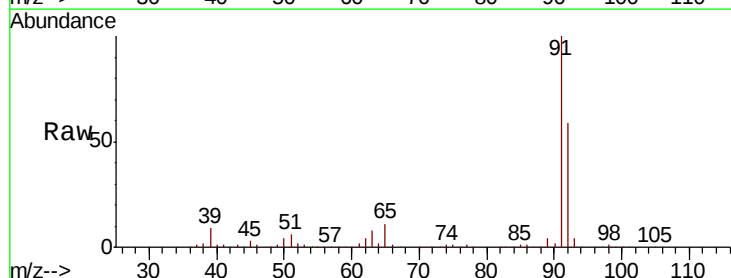
Acq: 17 Aug 2018 12:10

Tgt Ion: 92 Resp: 186255

Ion Ratio Lower Upper

92 100

91 171.1 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

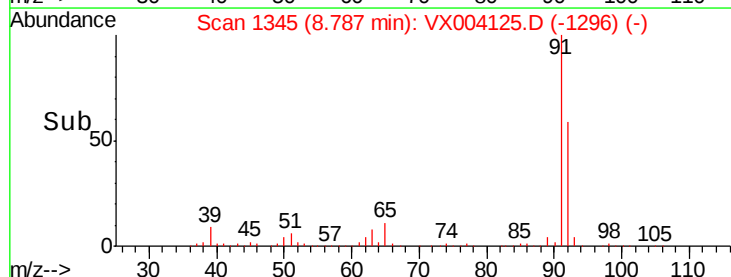
150000

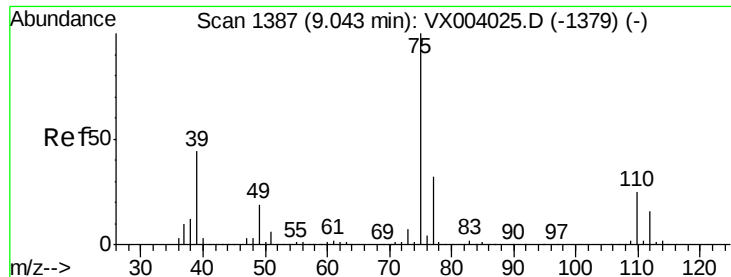
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.76 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

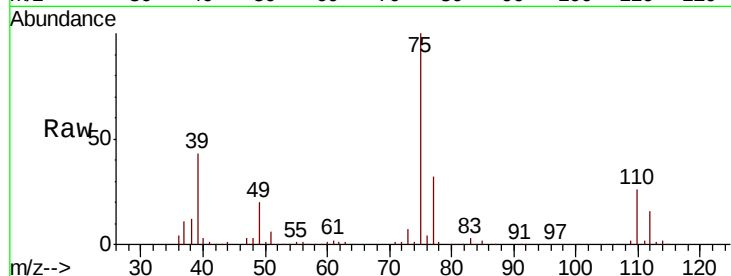
ClientSampleId :

Tot Ion: 75 Resp: 94366

Ion Ratio Lower Upper

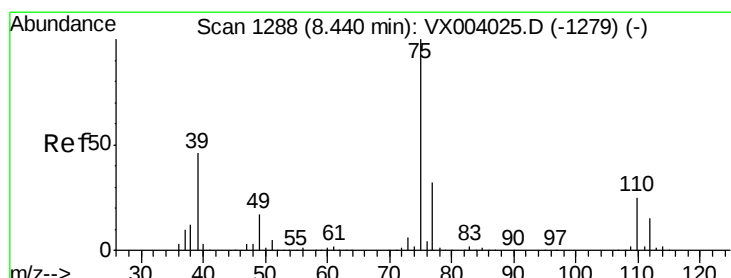
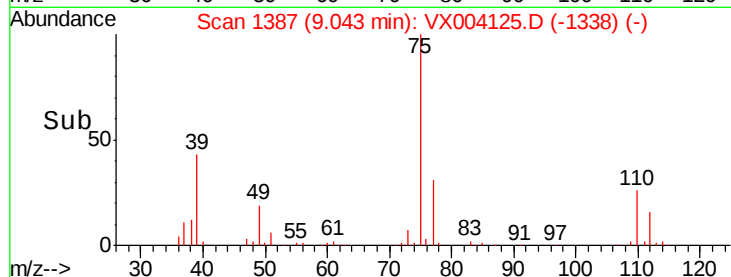
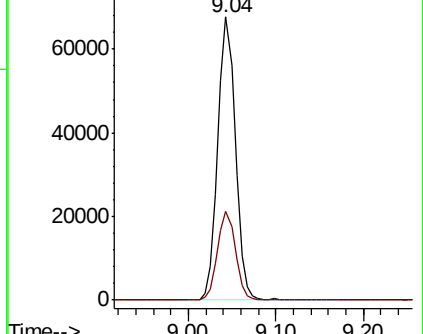
75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.21 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

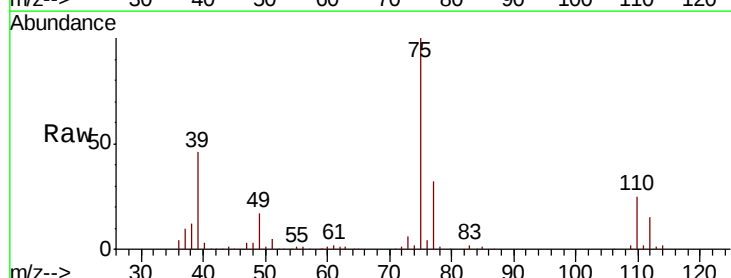
Tgt Ion: 75 Resp: 107026

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

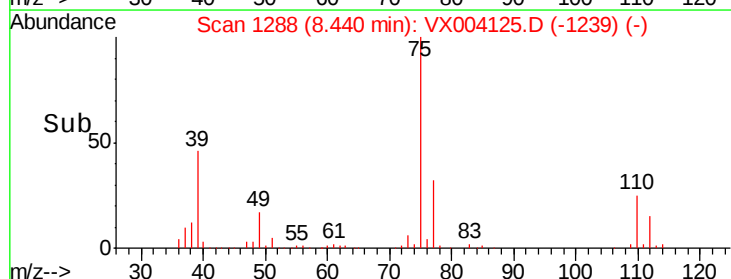
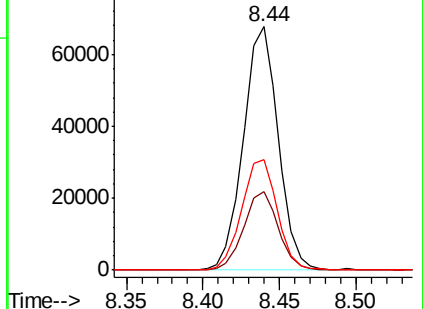
39 45.5 36.2 54.2

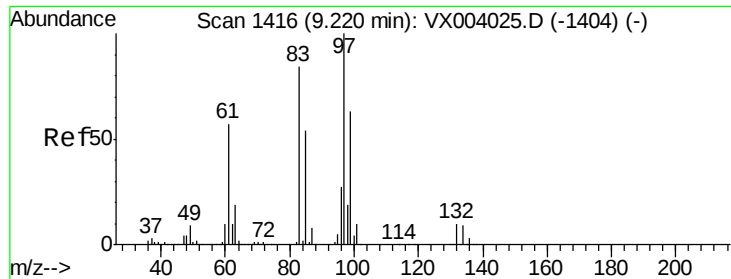


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

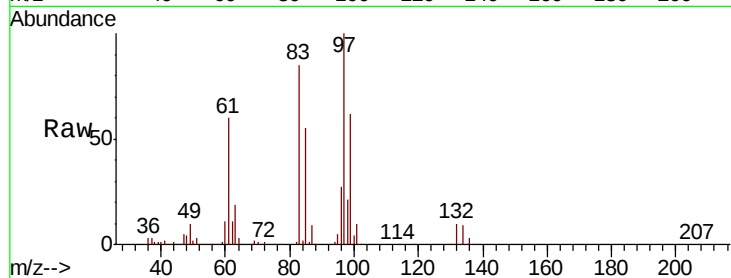




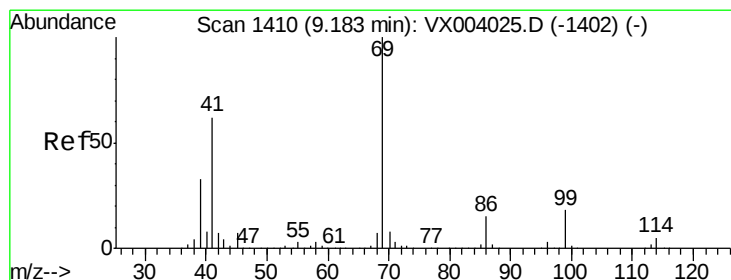
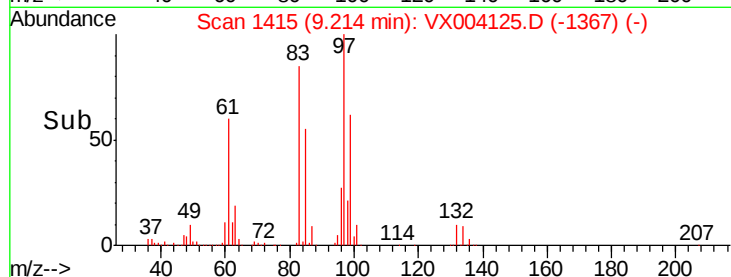
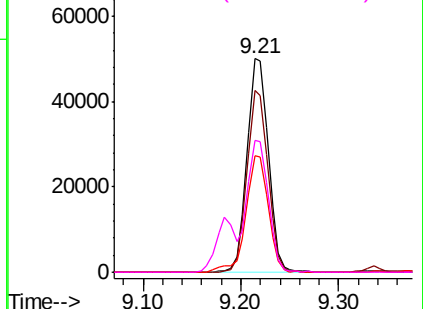
#55
 1,1,2-Trichloroethane
 Concen: 19.82 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 76070
 Ion Ratio Lower Upper
 97 100
 83 85.3 67.8 101.6
 85 54.8 44.2 66.2
 99 61.7 50.8 76.2

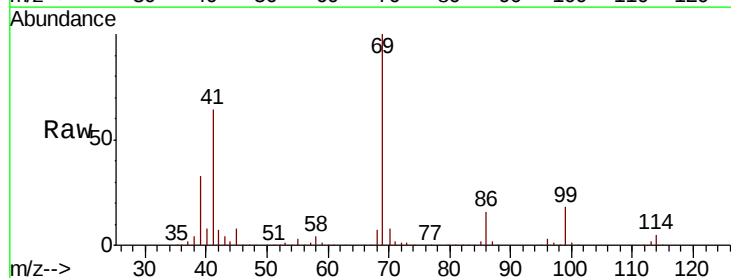


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

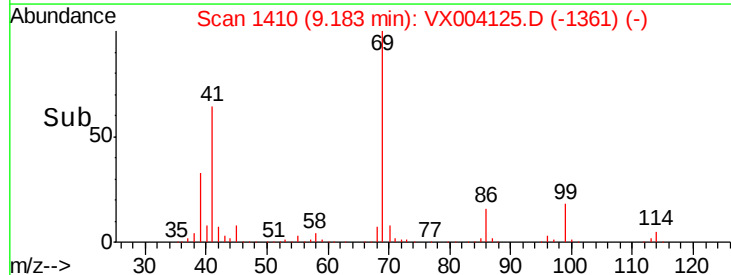
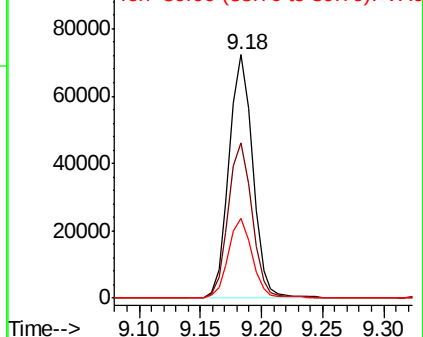


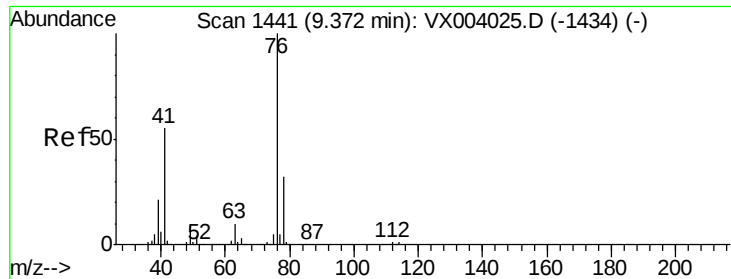
#56
 Ethyl methacrylate
 Concen: 18.69 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion: 69 Resp: 97545
 Ion Ratio Lower Upper
 69 100
 41 64.2 50.6 76.0
 39 33.0 25.8 38.6



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

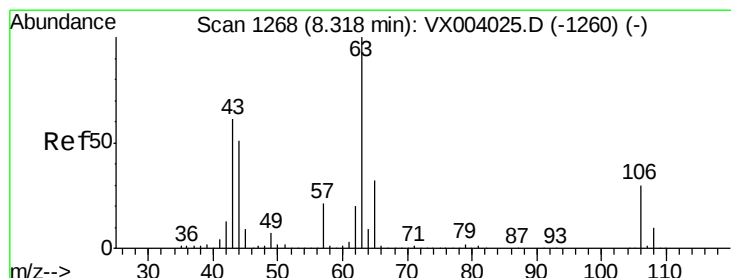
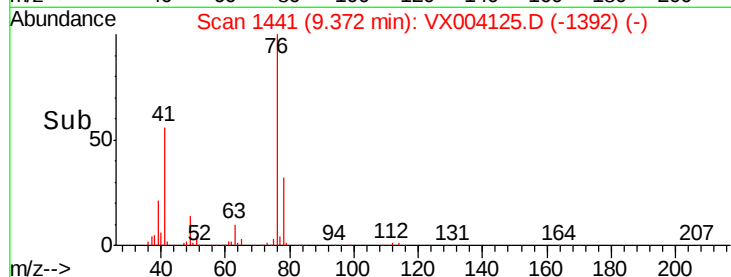
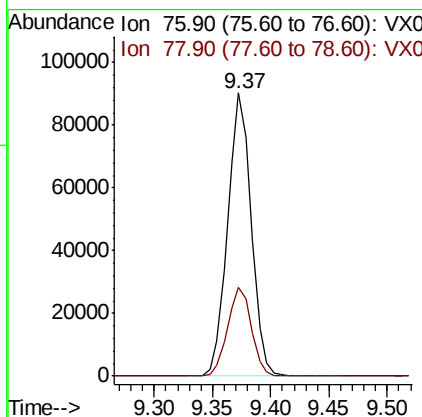
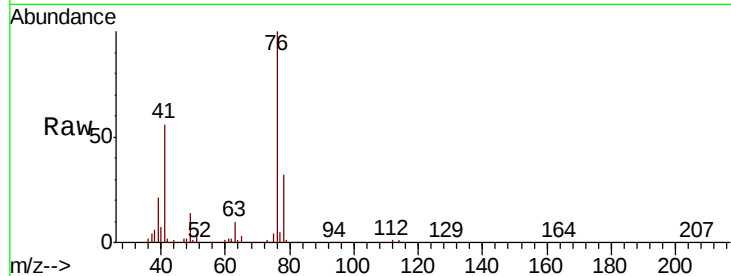




#57
 1,3-Dichloropropane
 Concen: 19.90 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

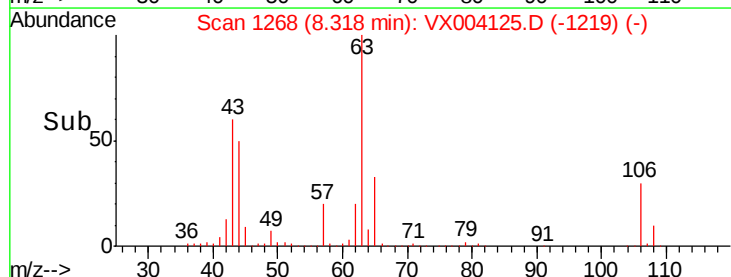
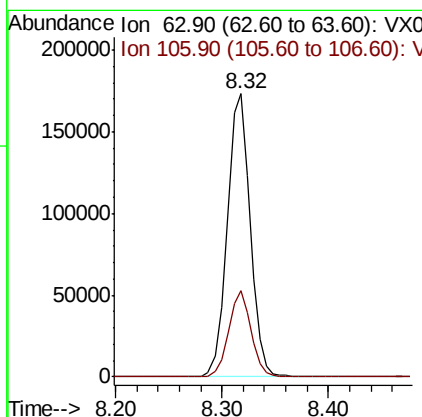
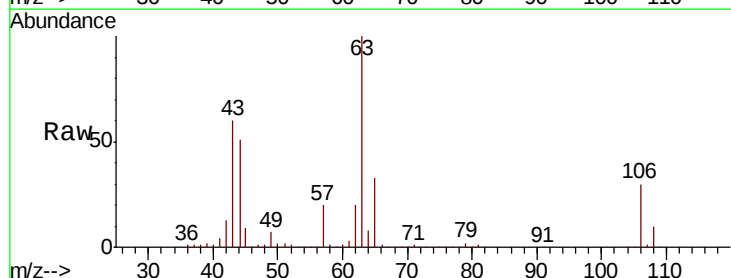
Instrument :
 MSVOA_X
 ClientSampled :

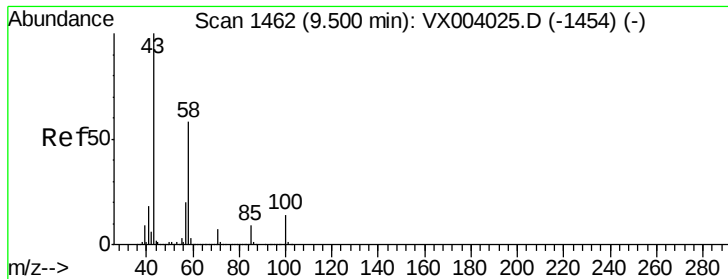
Tot Ion: 76 Resp: 126697
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.23 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion: 63 Resp: 261069
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.8

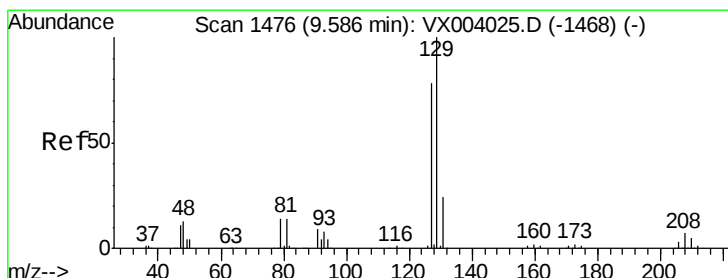
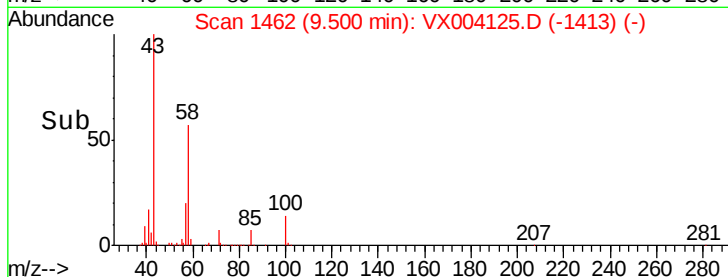
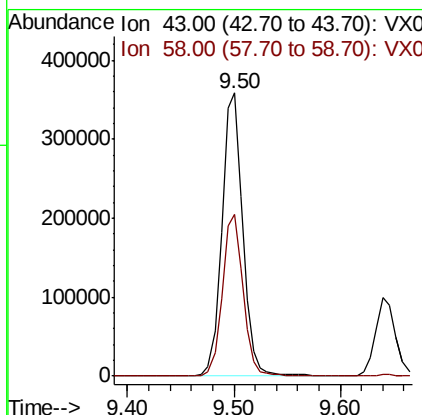
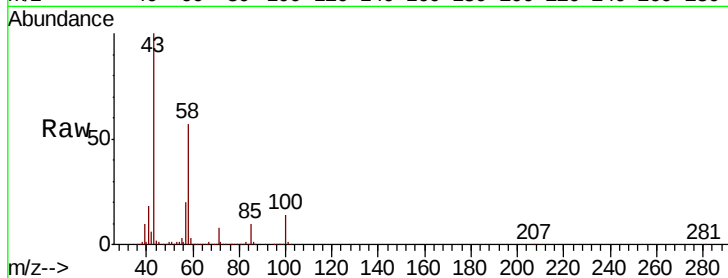




#59
2-Hexanone
Concen: 101.31 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

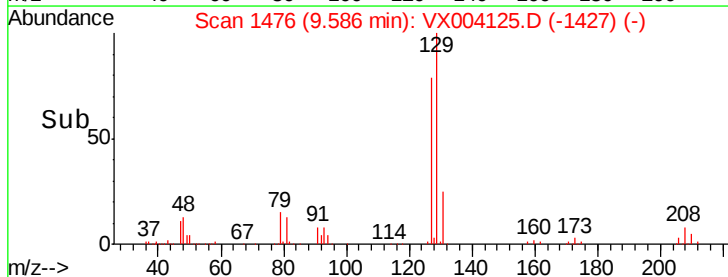
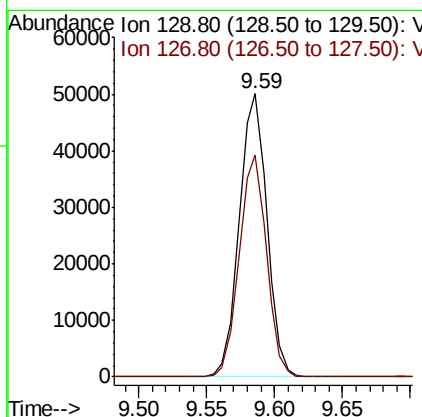
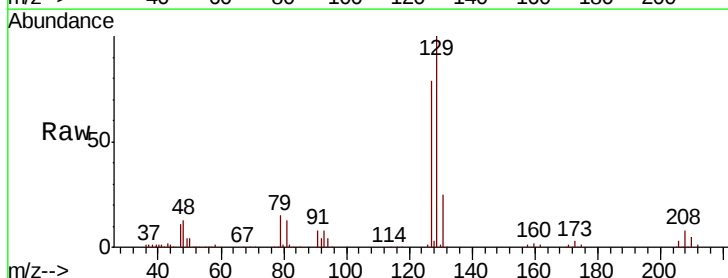
Instrument :
MSVOA_X
ClientSampleId :

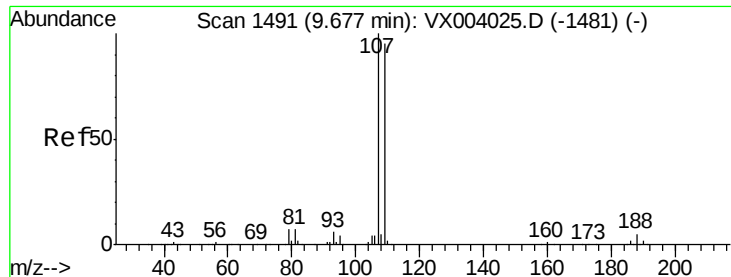
Tot Ion: 43 Resp: 491105
Ion Ratio Lower Upper
43 100
58 56.9 29.0 87.0



#60
Dibromochloromethane
Concen: 19.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion:129 Resp: 71021
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.91 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

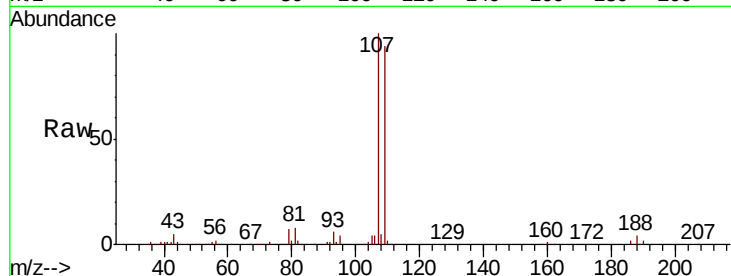
ClientSampleId :

Tot Ion:107 Resp: 77895

Ion Ratio Lower Upper

107 100

109 93.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

60000

50000

40000

30000

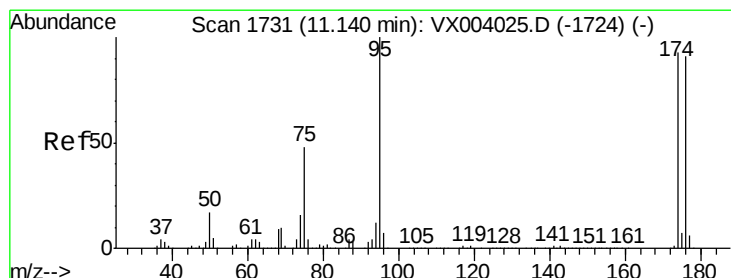
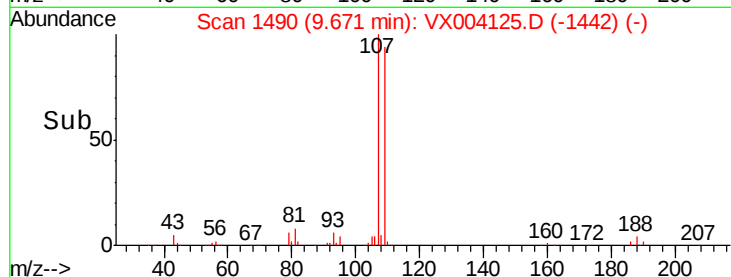
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 46.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

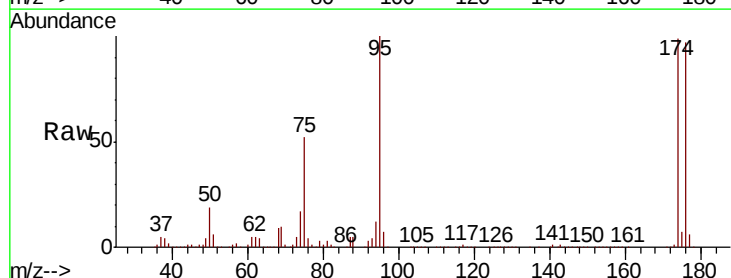
Tgt Ion: 95 Resp: 218782

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

176 89.4 0.0 179.0



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

200000

150000

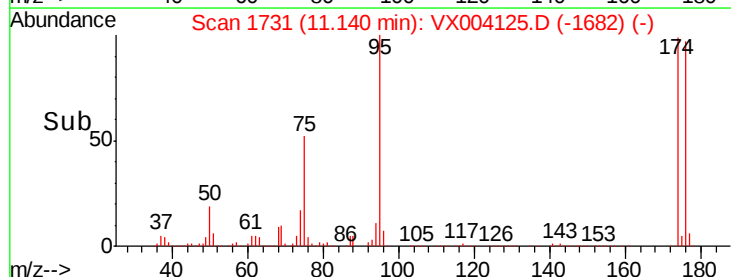
100000

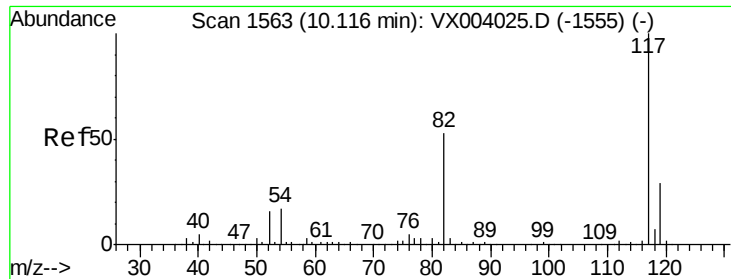
50000

0

11.10 11.20

Time-->

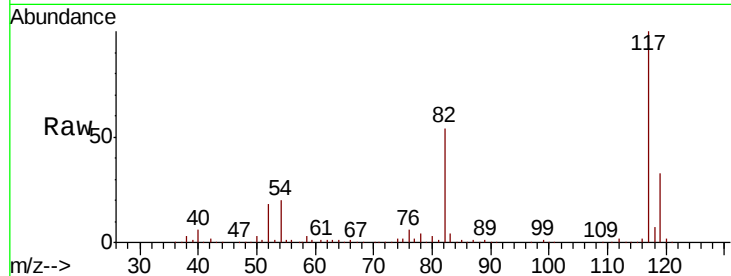




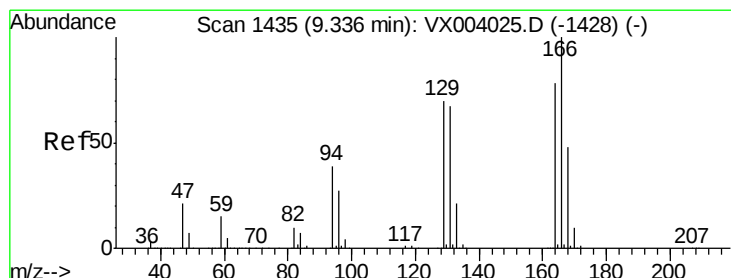
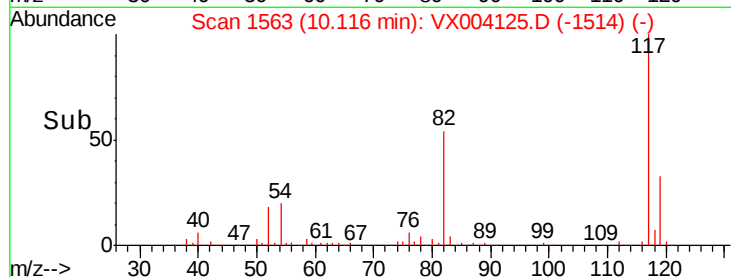
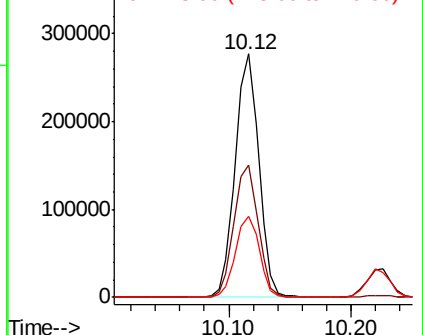
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 370340
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 33.3 26.6 40.0

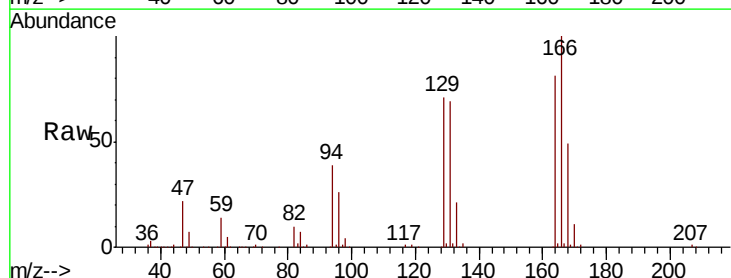


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

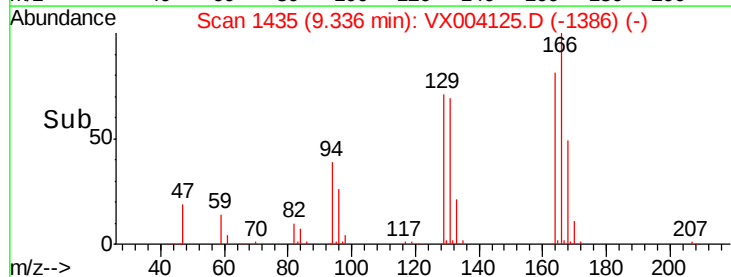
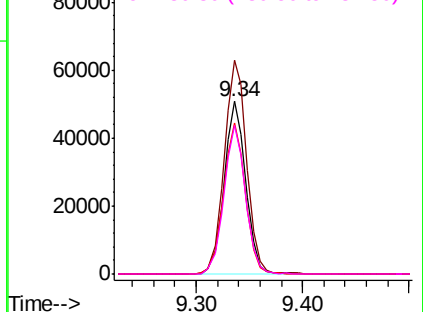


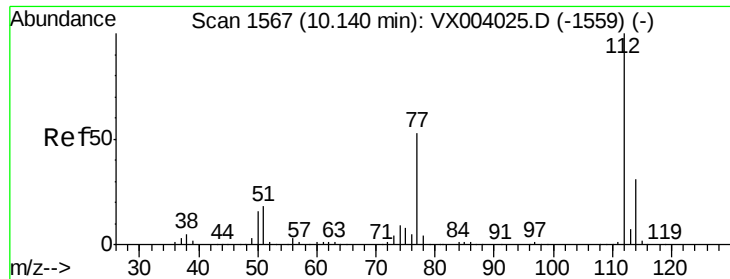
#64
Tetrachloroethene
Concen: 20.48 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion:164 Resp: 71872
Ion Ratio Lower Upper
164 100
166 123.7 98.0 147.0
129 87.5 64.3 96.5
131 85.9 66.8 100.2



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





#65

Chlorobenzene

Concen: 20.06 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

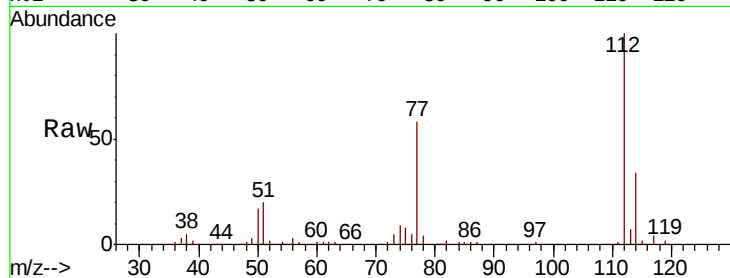
ClientSampleId :

Tot Ion:112 Resp: 191883

Ion Ratio Lower Upper

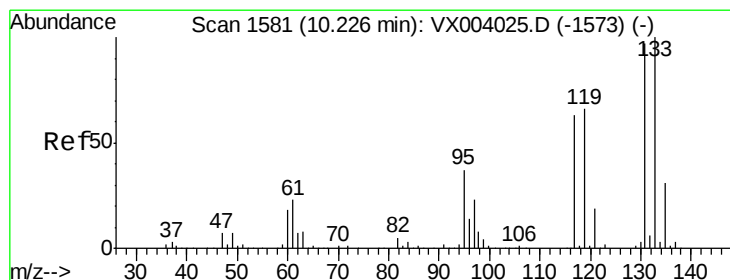
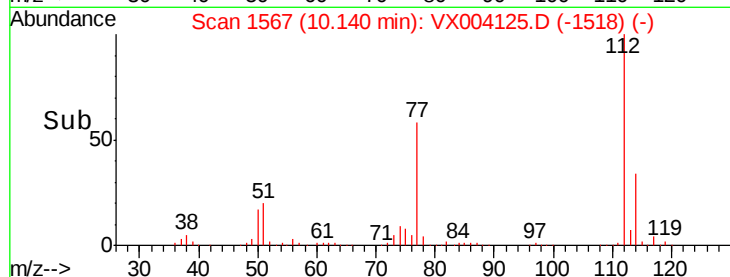
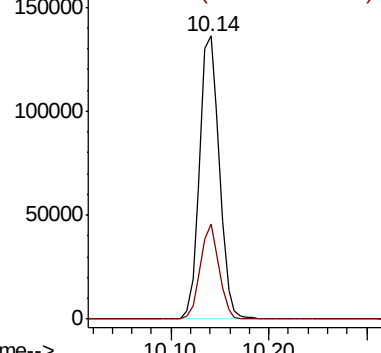
112 100

114 33.6 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.12 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

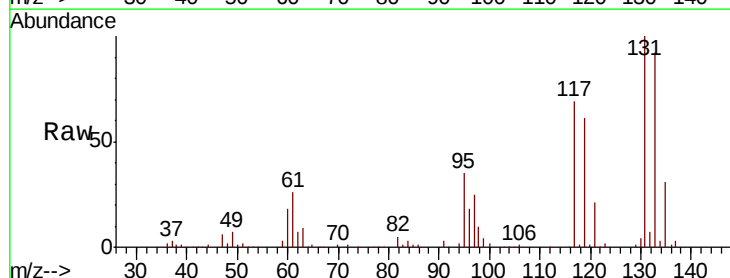
Tgt Ion:131 Resp: 65658

Ion Ratio Lower Upper

131 100

133 95.9 47.3 141.8

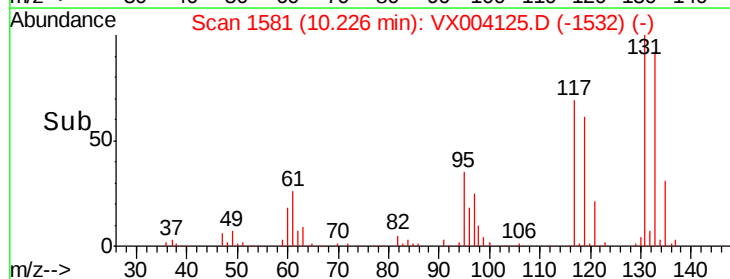
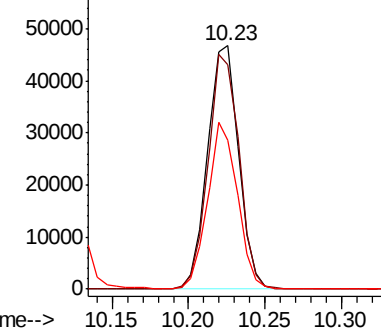
119 65.8 31.6 94.8

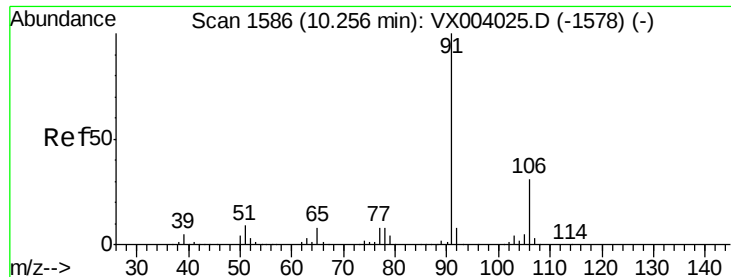


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.00 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

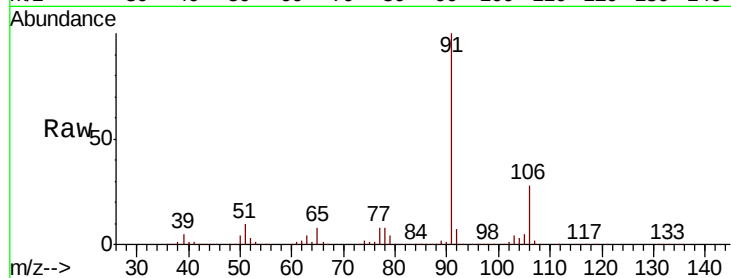
ClientSampled :

Tot Ion: 91 Resp: 318044

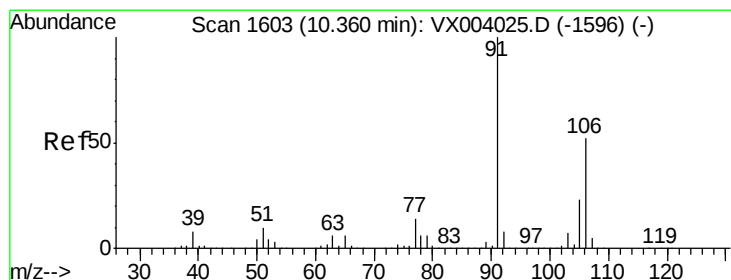
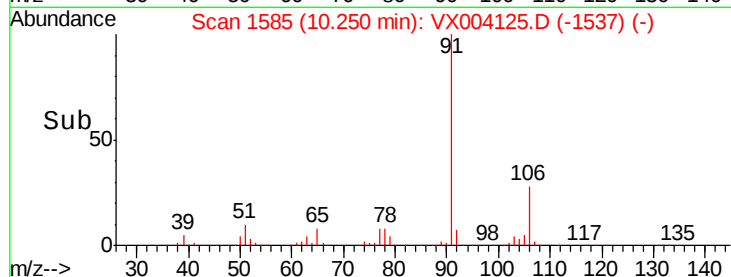
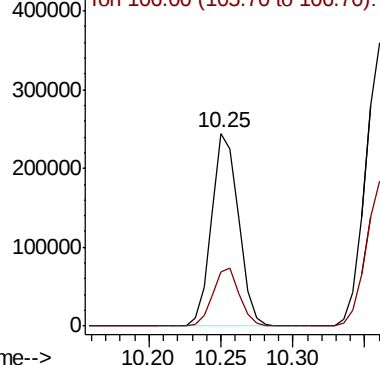
Ion Ratio Lower Upper

91 100

106 28.0 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX004125.D (-1578) (-)



#68

m/p-Xylenes

Concen: 40.37 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004125.D

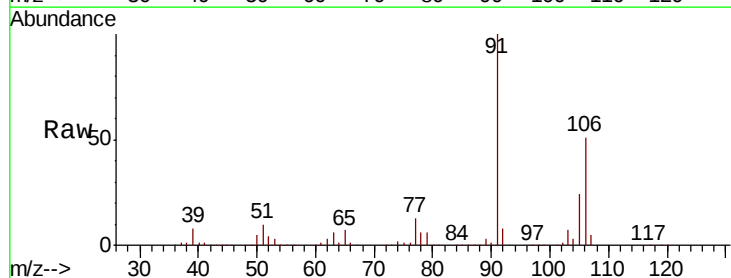
Acq: 17 Aug 2018 12:10

Tgt Ion: 106 Resp: 239466

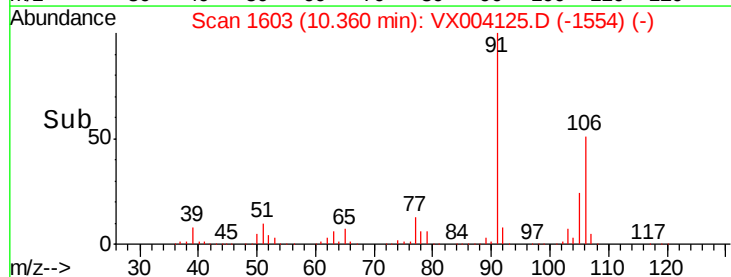
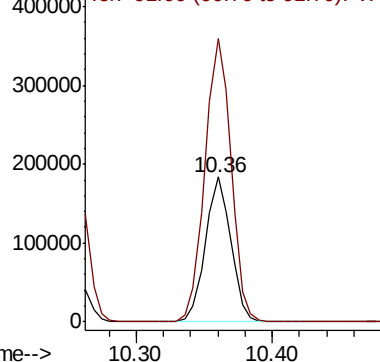
Ion Ratio Lower Upper

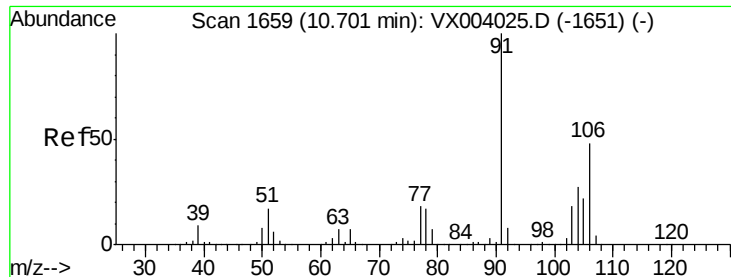
106 100

91 201.2 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): VX004125.D (-1596) (-)

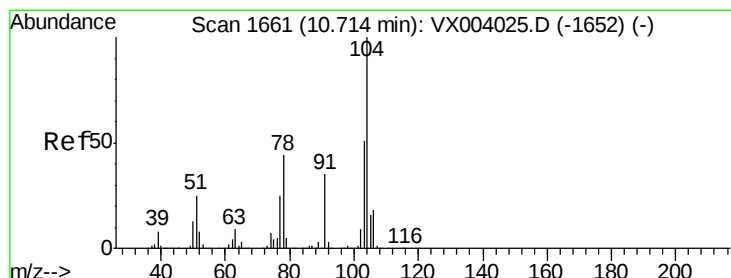
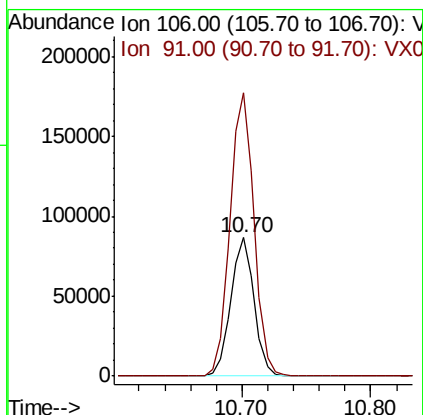
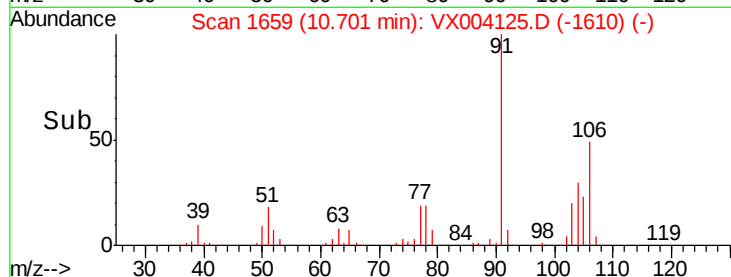
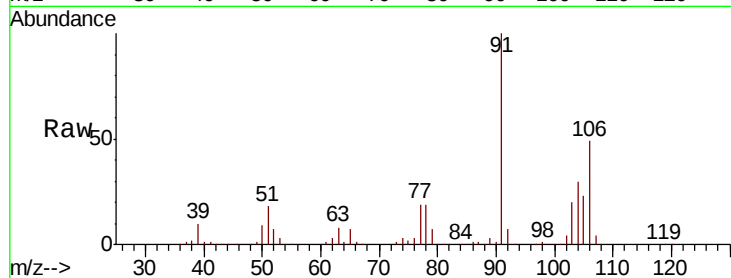




#69
o-Xylene
Concen: 19.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

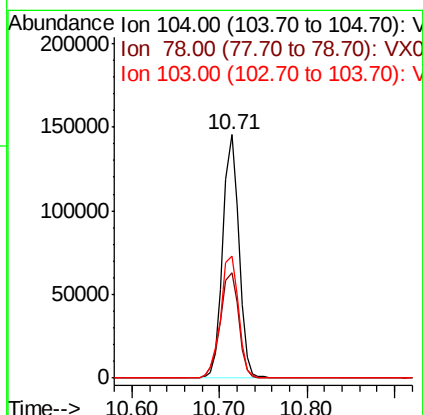
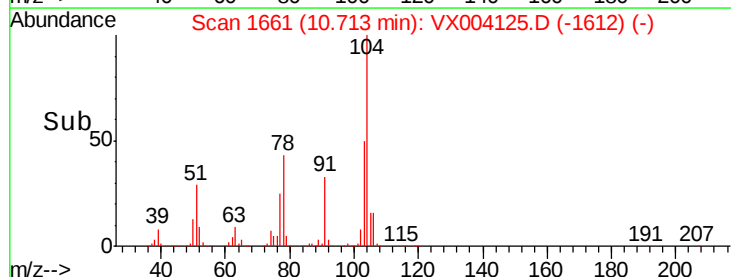
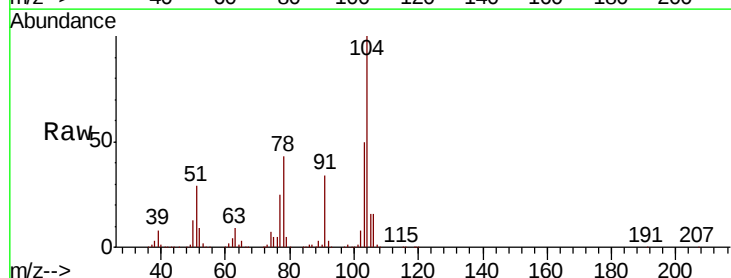
Instrument :
MSVOA_X
ClientSampled :

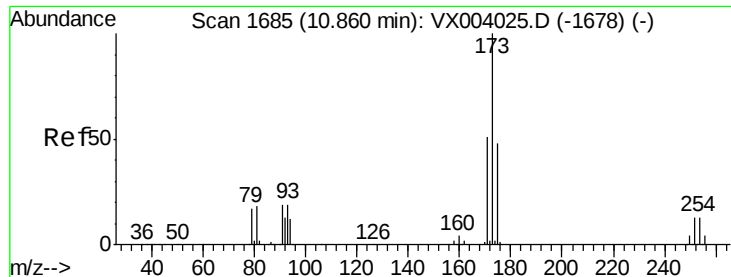
Tot Ion:106 Resp: 110222
Ion Ratio Lower Upper
106 100
91 210.8 101.9 305.7



#70
Styrene
Concen: 19.33 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion:104 Resp: 184470
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.6
103 55.8 44.3 66.5





#71

Bromoform

Concen: 19.14 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

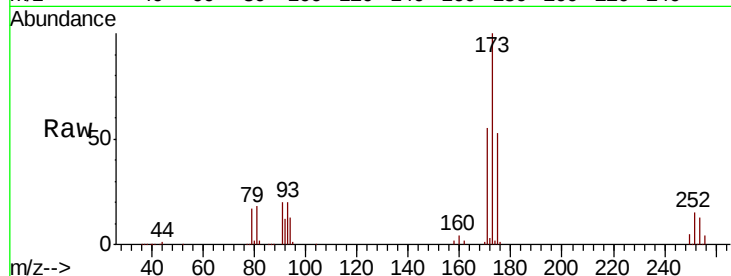
Tot Ion:173 Resp: 49529

Ion Ratio Lower Upper

173 100

175 47.7 24.9 74.7

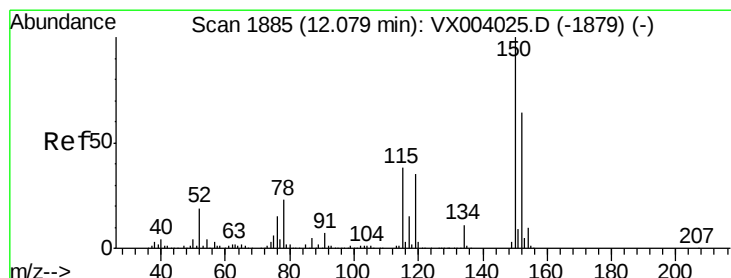
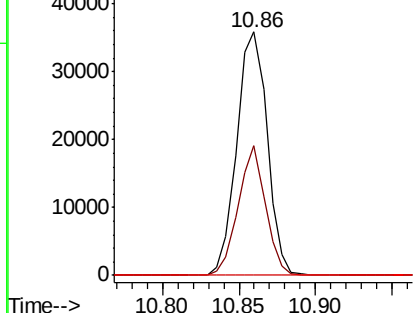
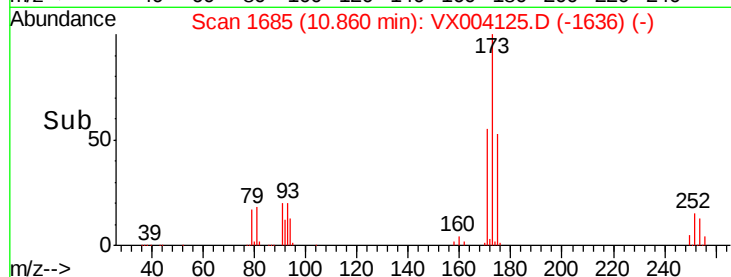
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

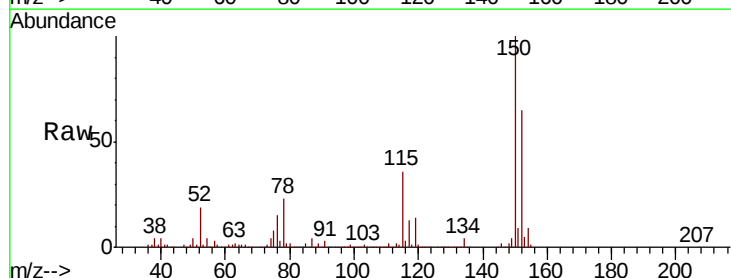
Tgt Ion:152 Resp: 253878

Ion Ratio Lower Upper

152 100

115 62.7 39.1 117.3

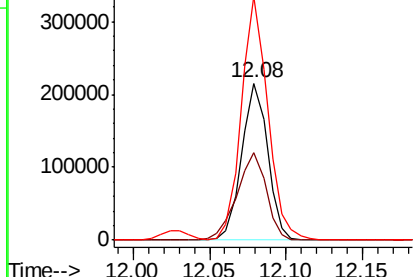
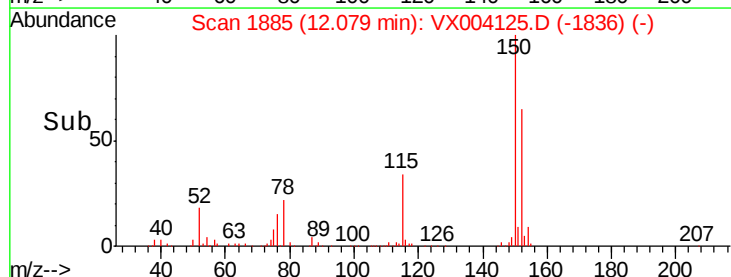
150 157.6 0.0 349.2

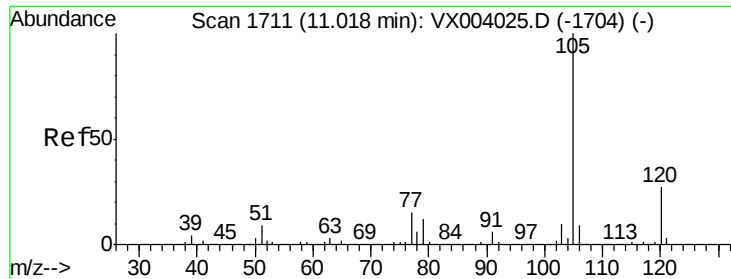


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.07 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

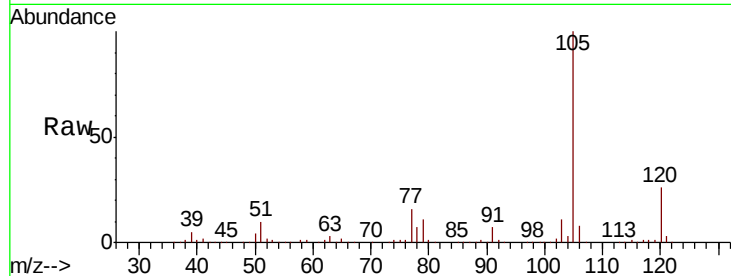
ClientSampled :

Tot Ion:105 Resp: 327598

Ion Ratio Lower Upper

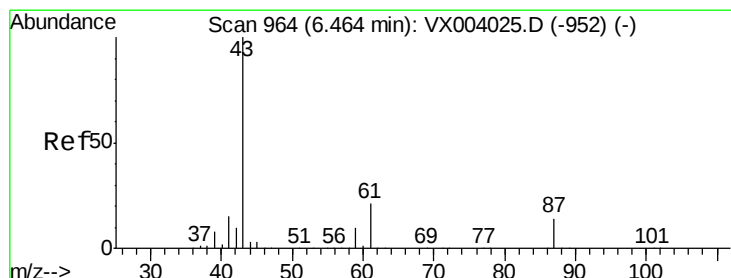
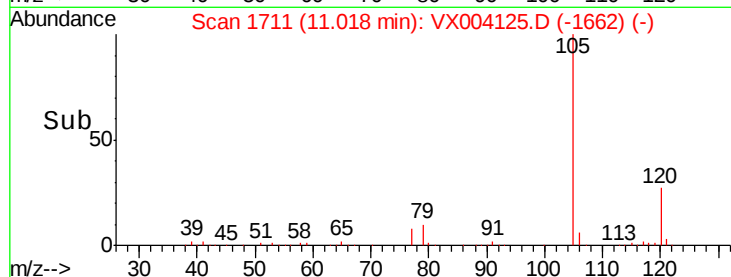
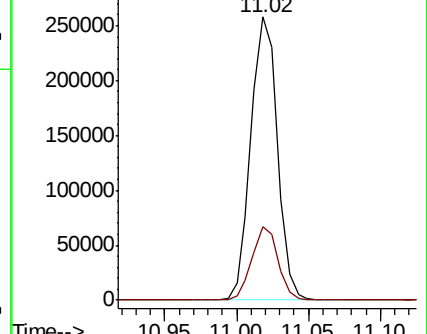
105 100

120 25.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.94 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Tgt Ion: 43 Resp: 145004

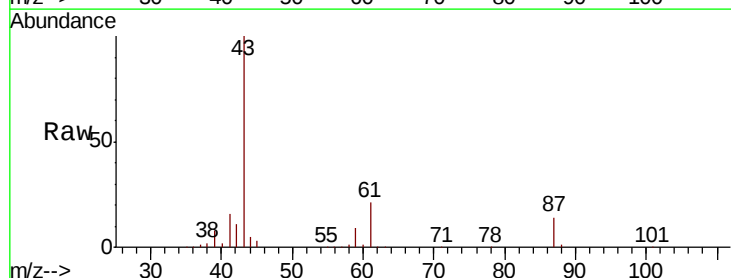
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 21.1 16.9 25.3

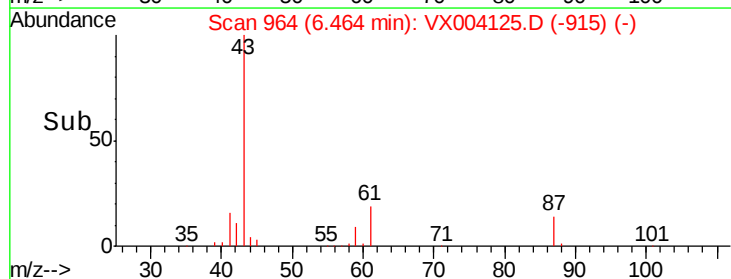
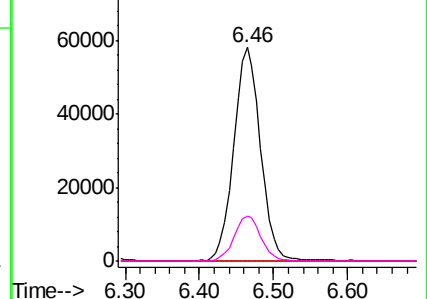


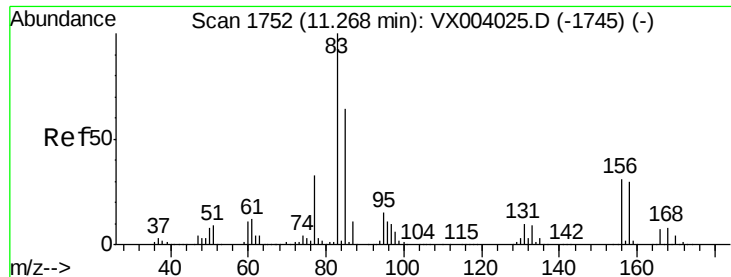
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.80 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

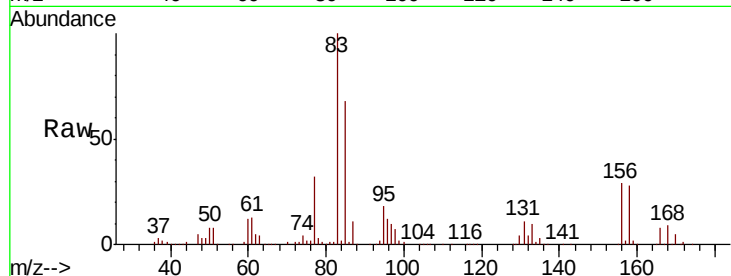
Tot Ion: 83 Resp: 106779

Ion Ratio Lower Upper

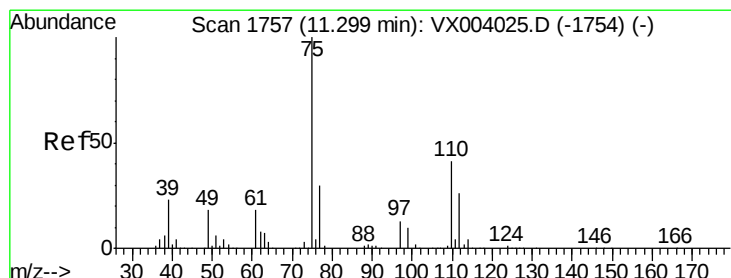
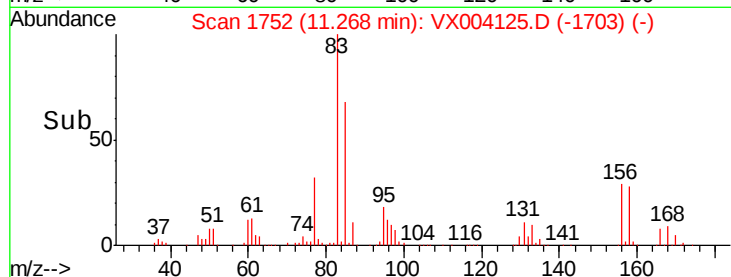
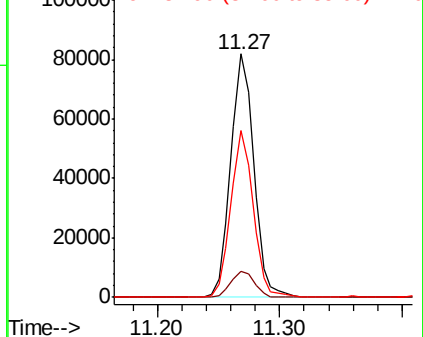
83 100

131 11.0 5.2 15.6

85 66.7 32.2 96.6



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: 23.99 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004125.D

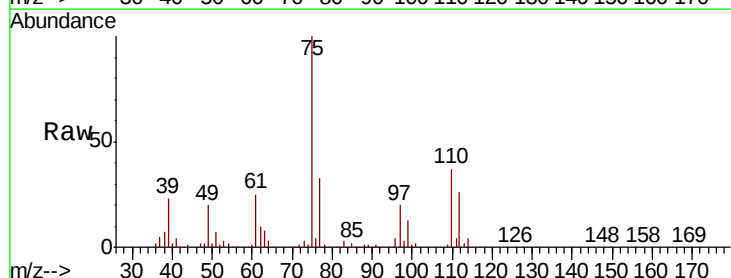
Acq: 17 Aug 2018 12:10

Tgt Ion: 75 Resp: 122119

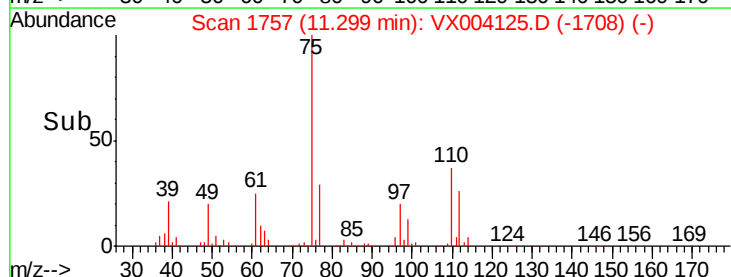
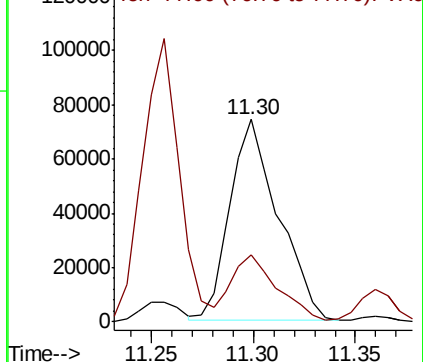
Ion Ratio Lower Upper

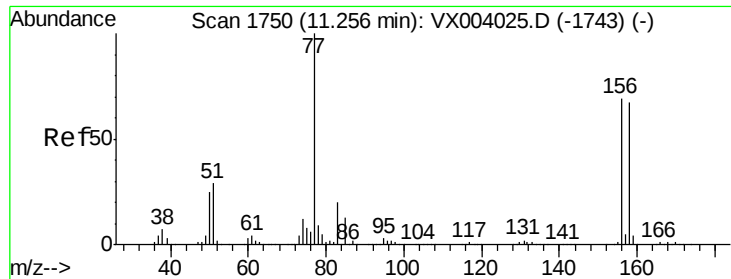
75 100

77 31.6 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

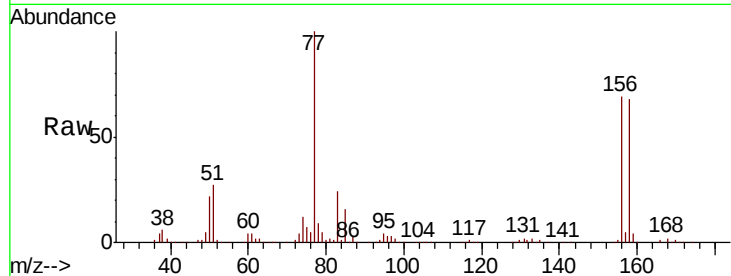
Tot Ion:156 Resp: 88737

Ion Ratio Lower Upper

156 100

77 146.8 74.1 222.2

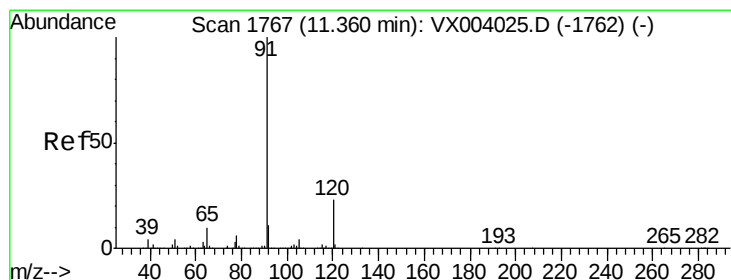
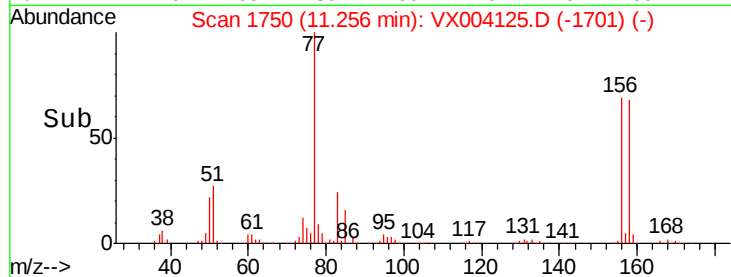
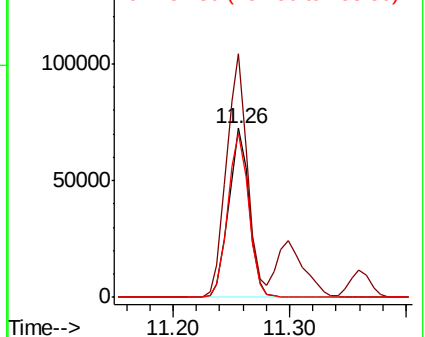
158 99.2 48.6 145.9



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: 19.26 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004125.D

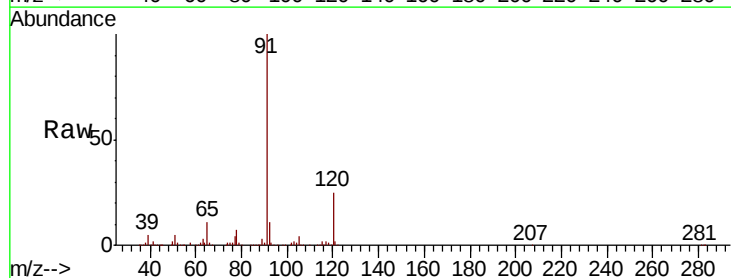
Acq: 17 Aug 2018 12:10

Tgt Ion: 91 Resp: 370251

Ion Ratio Lower Upper

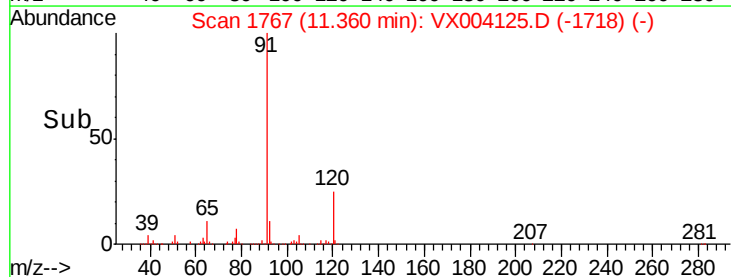
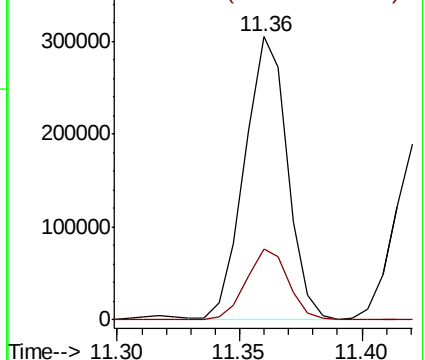
91 100

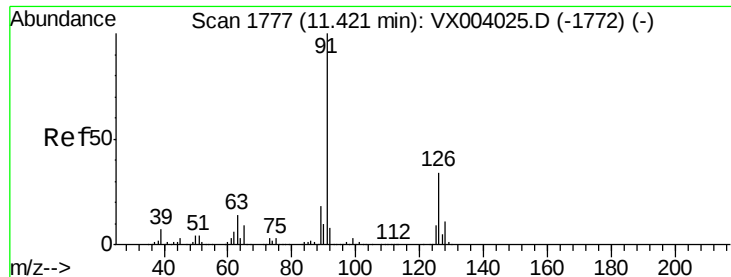
120 24.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

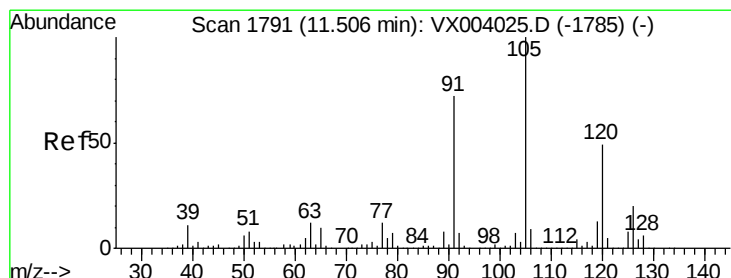
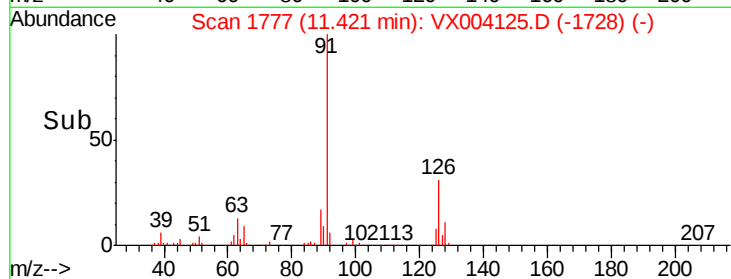
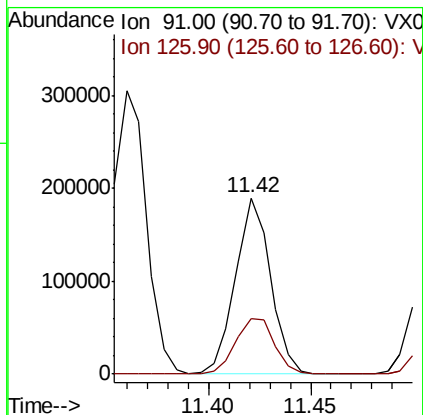
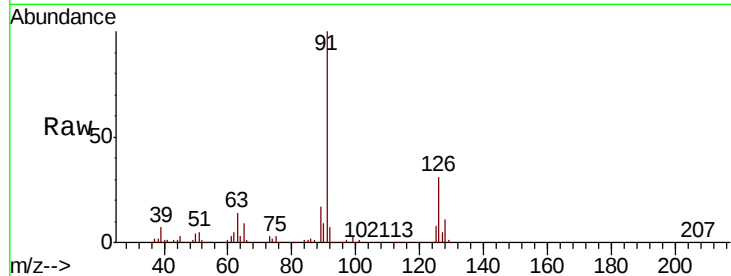




#79
 2-Chlorotoluene
 Concen: 19.23 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

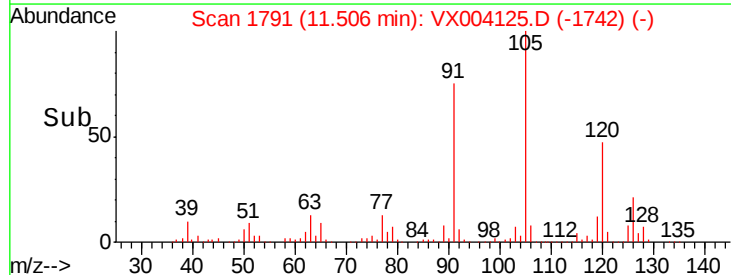
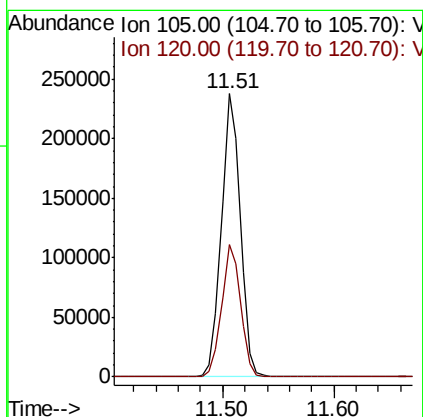
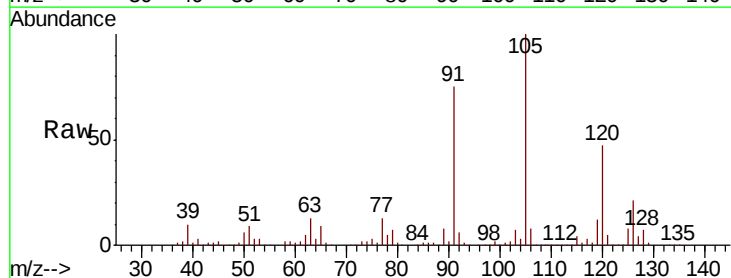
Instrument :
 MSVOA_X
 ClientSampleId :

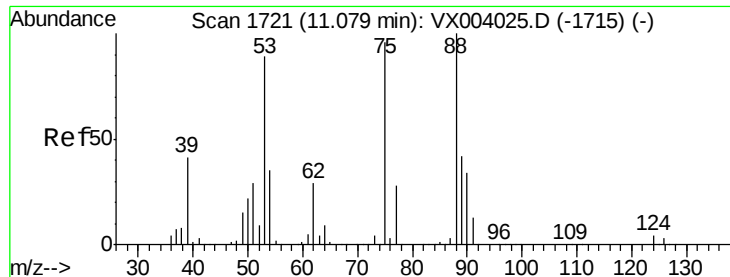
Tot Ion: 91 Resp: 225319
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.87 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion: 105 Resp: 279564
 Ion Ratio Lower Upper
 105 100
 120 46.9 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.10 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampled :

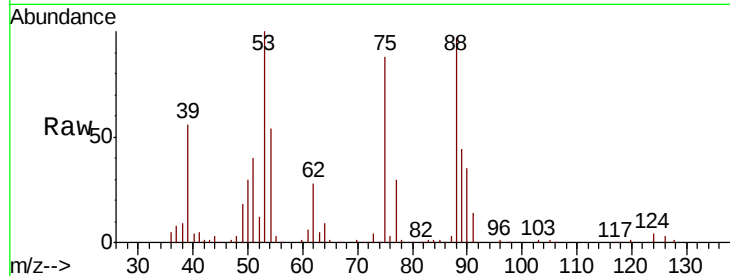
Tot Ion: 75 Resp: 26473

Ion Ratio Lower Upper

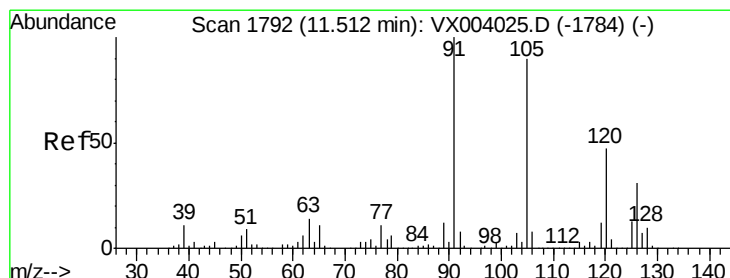
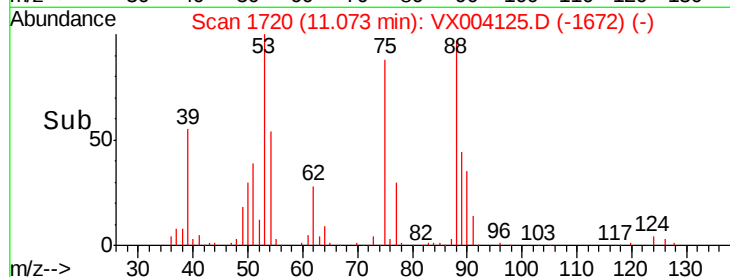
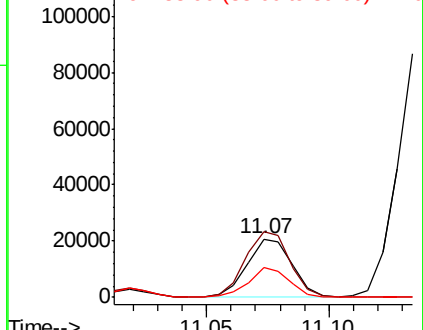
75 100

53 112.8 80.3 120.5

89 46.5 37.8 56.8



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



#82

4-Chlorotoluene

Concen: 19.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004125.D

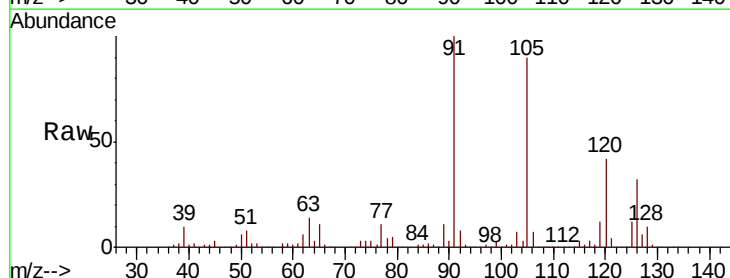
Acq: 17 Aug 2018 12:10

Tgt Ion: 91 Resp: 267093

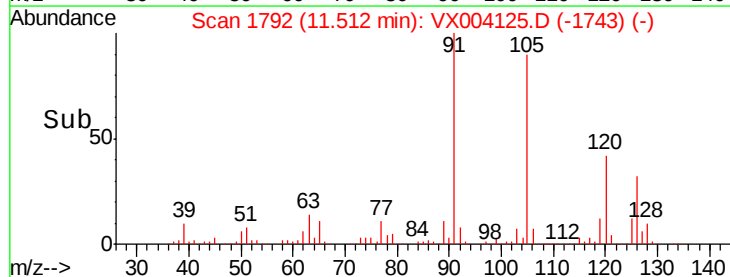
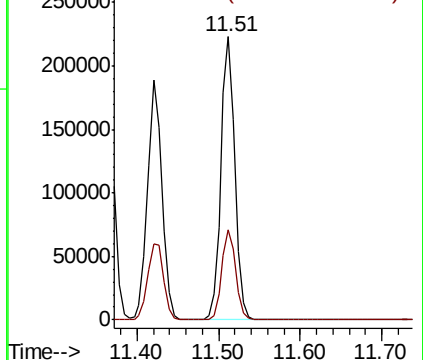
Ion Ratio Lower Upper

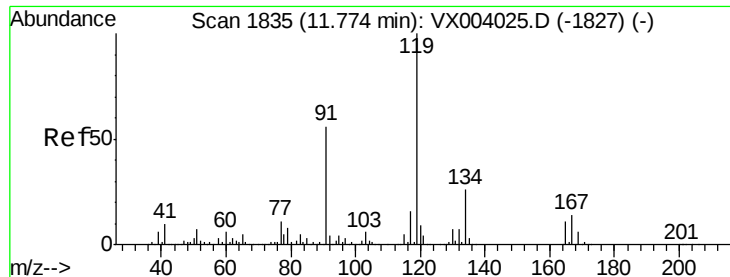
91 100

126 31.7 15.6 46.7



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

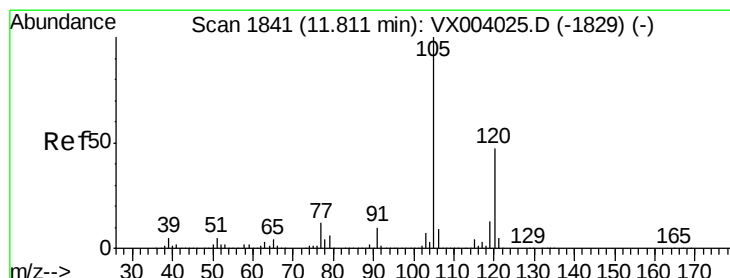
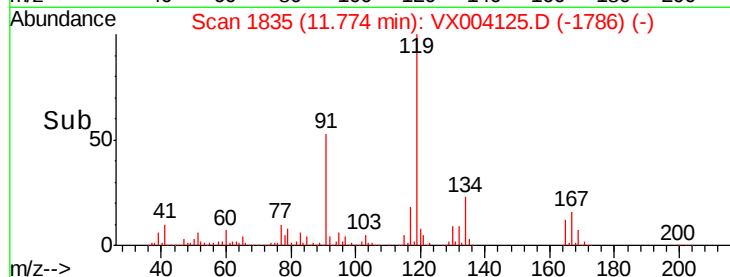
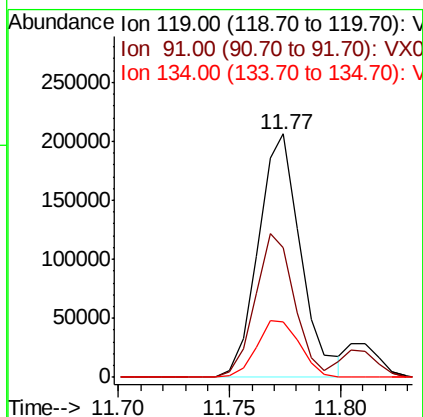
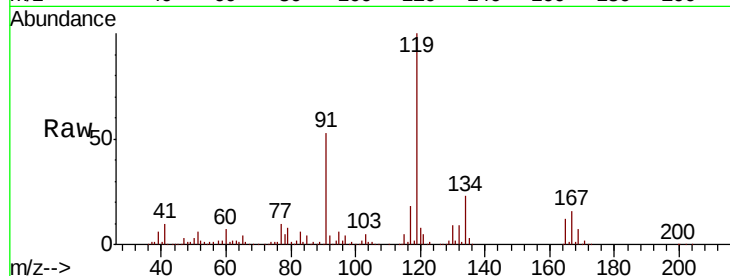




#83
tert-Butylbenzene
Concen: 19.25 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

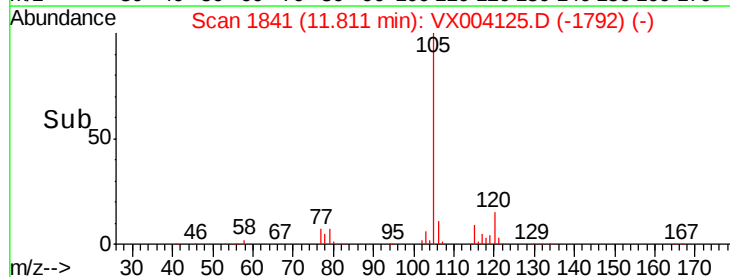
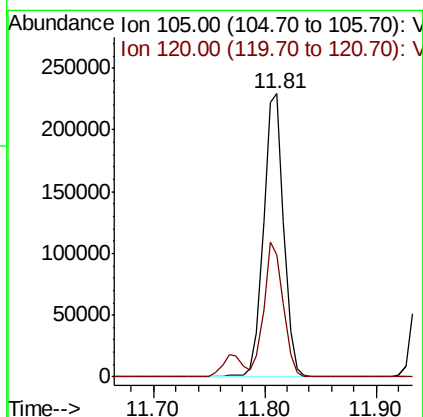
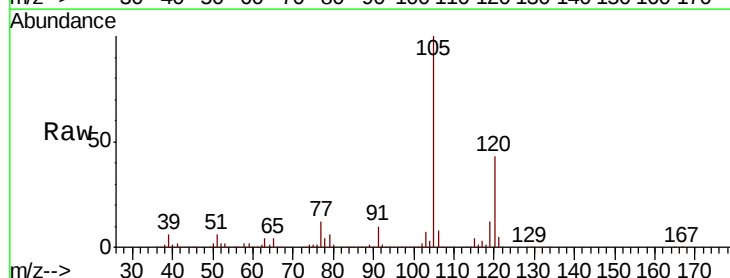
Instrument :
MSVOA_X
ClientSampleId :

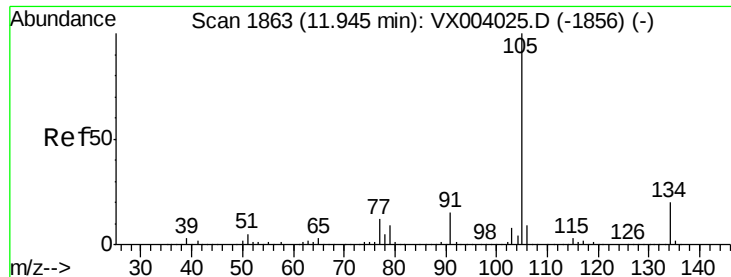
Tot Ion:119 Resp: 273063
Ion Ratio Lower Upper
119 100
91 54.7 26.9 80.7
134 23.9 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 19.99 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion:105 Resp: 291237
Ion Ratio Lower Upper
105 100
120 45.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.36 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

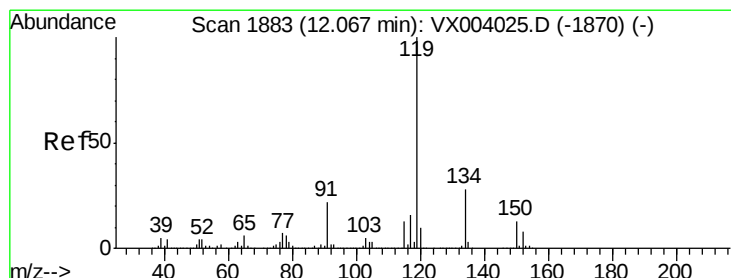
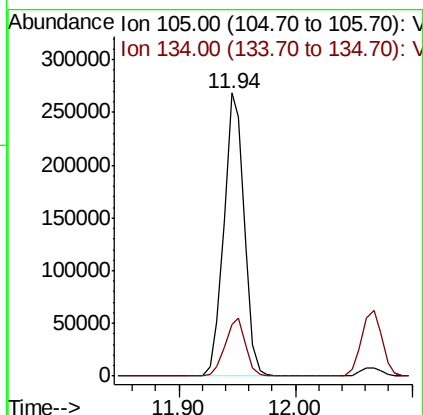
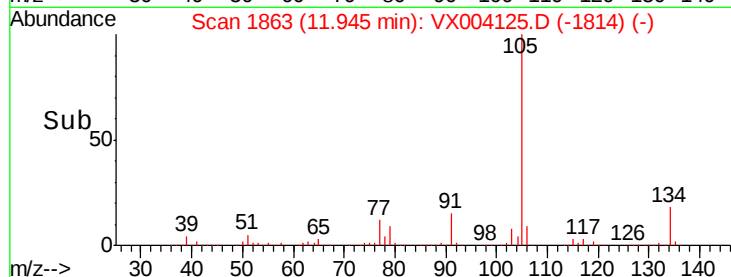
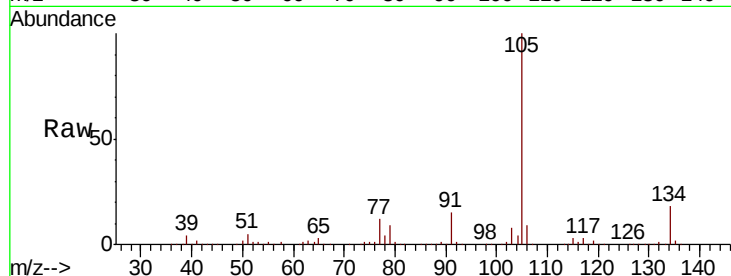
ClientSampleId :

Tot Ion:105 Resp: 321350

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.38 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

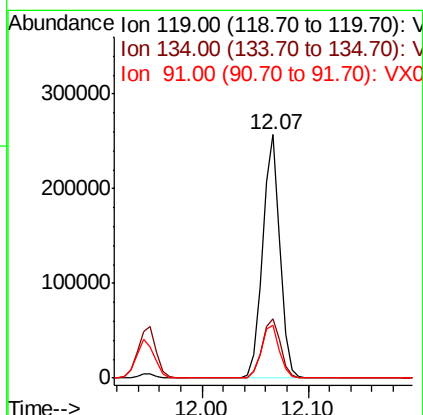
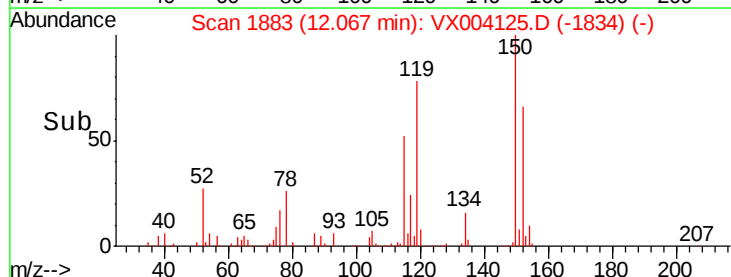
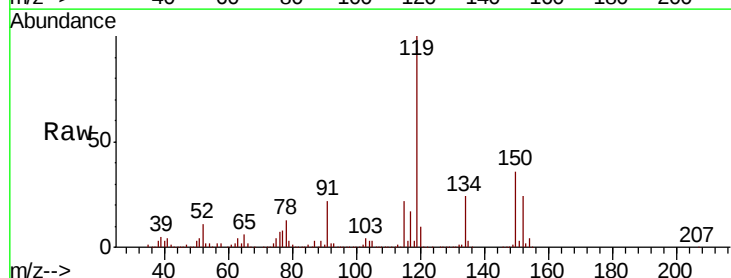
Tgt Ion:119 Resp: 291314

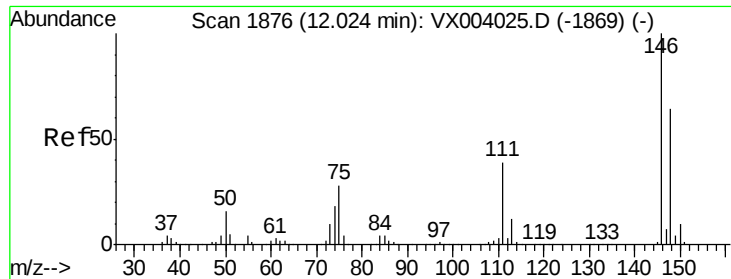
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.9 10.9 32.7

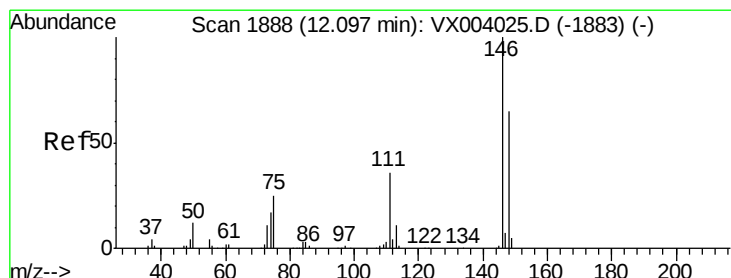
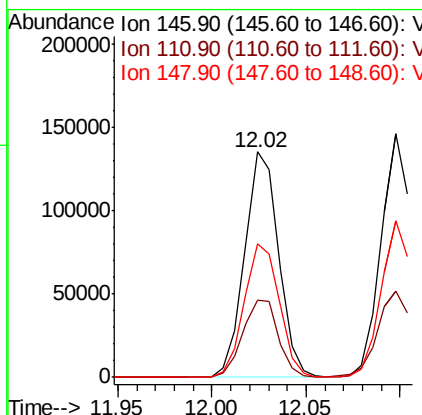
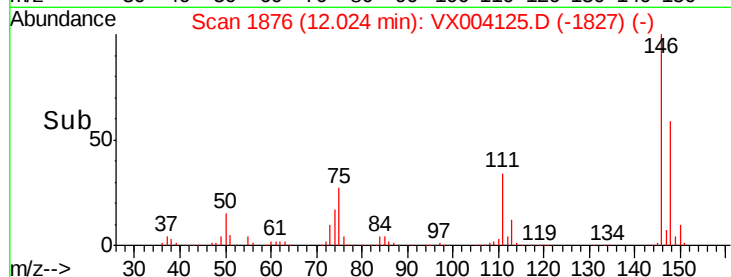
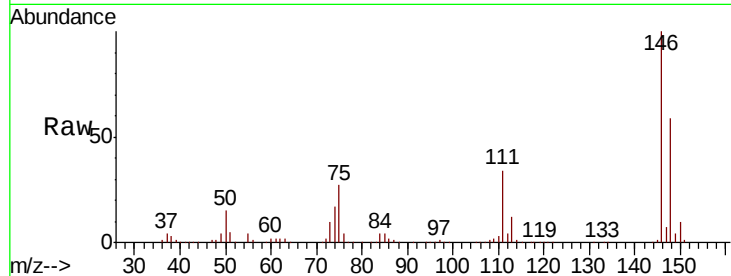




#87
 1,3-Dichlorobenzene
 Concen: 18.81 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

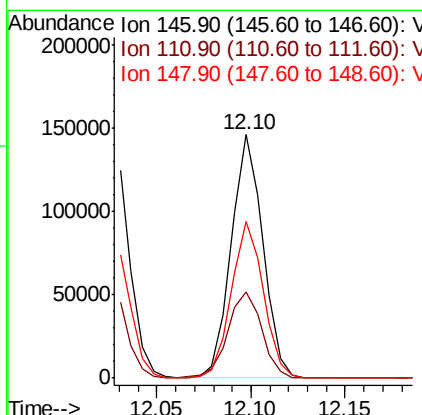
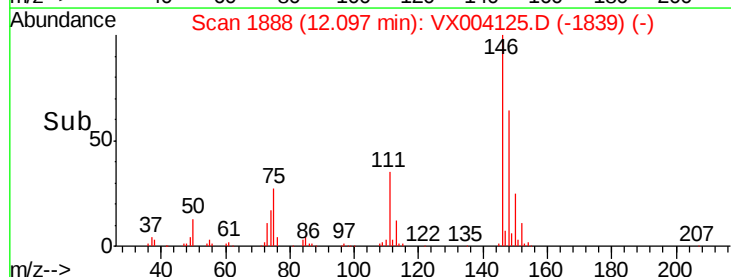
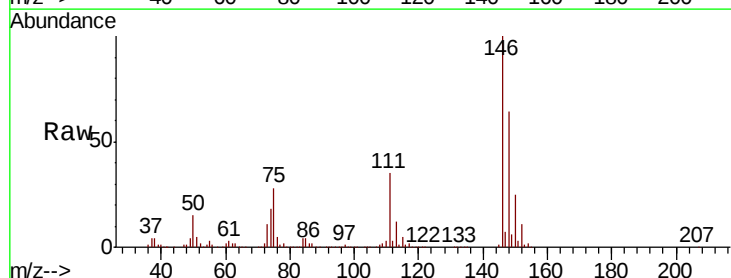
Instrument :
 MSVOA_X
 ClientSampleId :

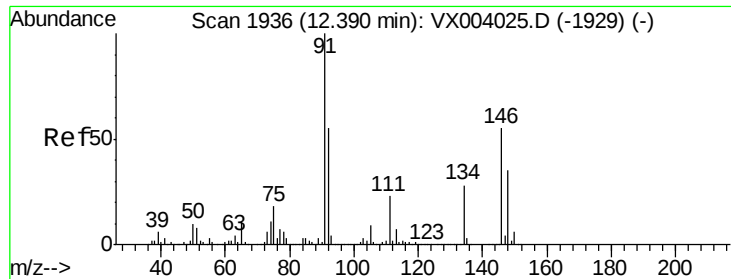
Tot Ion:146 Resp: 169940
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.8 56.4
 148 61.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.31 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion:146 Resp: 170200
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.4 55.0
 148 65.3 32.3 96.8

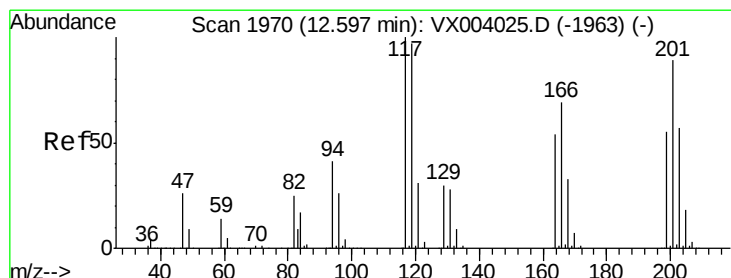
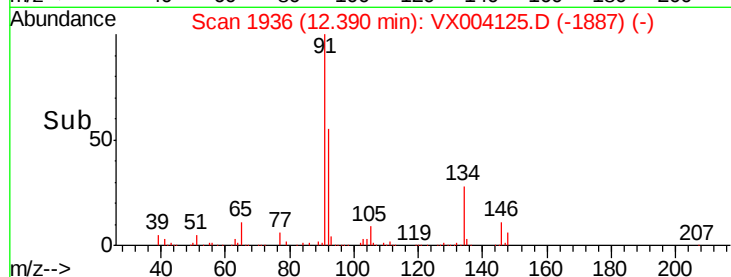
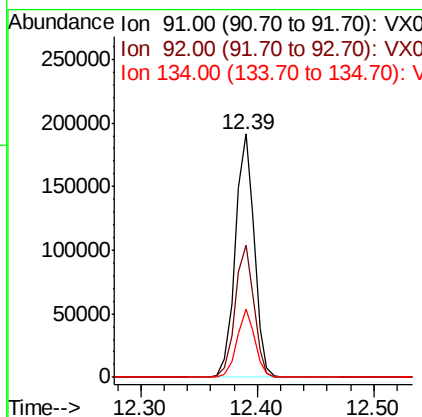
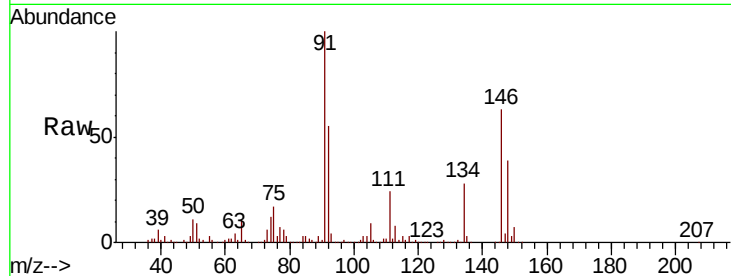




#89
n-Butylbenzene
Concen: 18.36 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

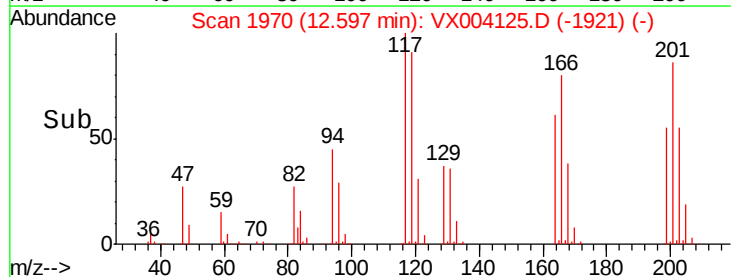
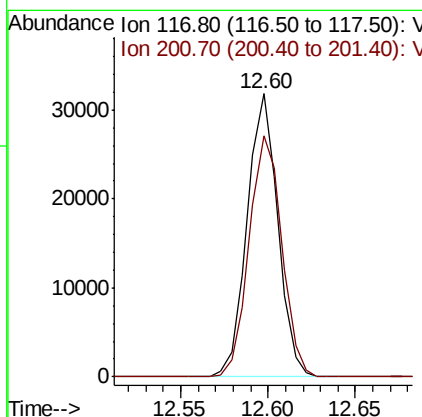
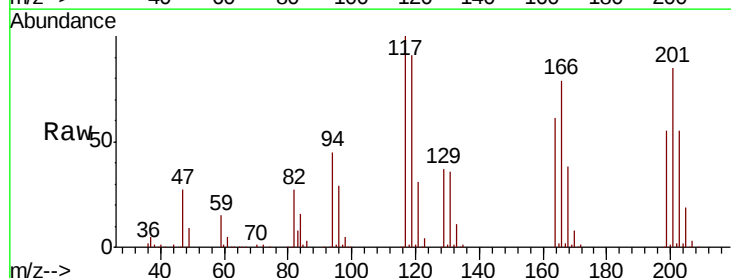
Instrument :
MSVOA_X
ClientSampled :

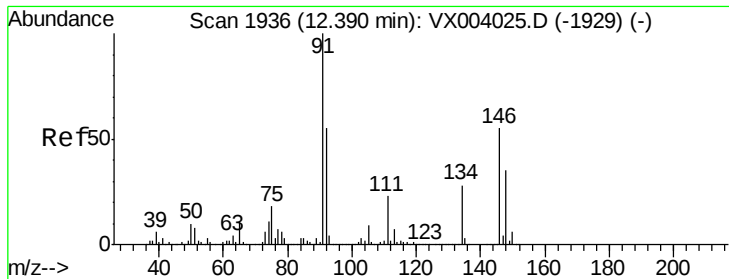
Tot Ion: 91 Resp: 217403
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.3
134 26.5 13.6 40.7



#90
Hexachloroethane
Concen: 17.24 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion: 117 Resp: 38778
Ion Ratio Lower Upper
117 100
201 90.7 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 18.66 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

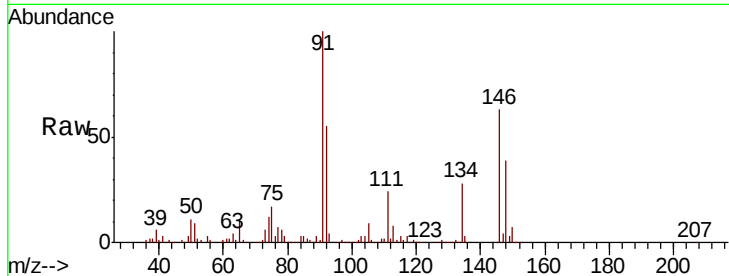
Tot Ion:146 Resp: 152037

Ion Ratio Lower Upper

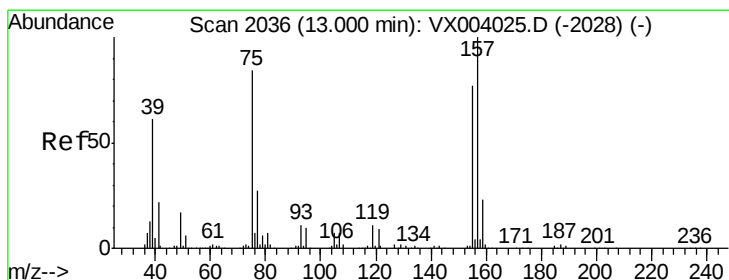
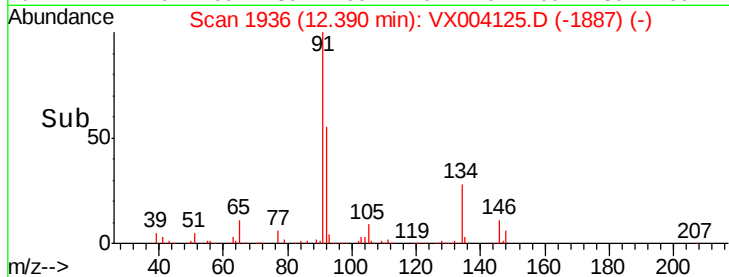
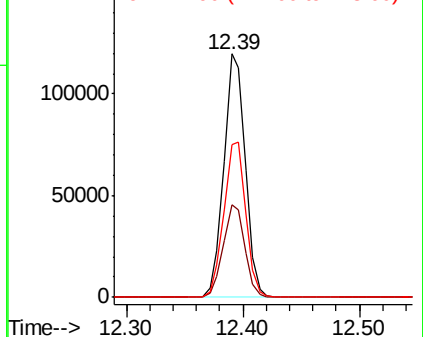
146 100

111 38.3 19.7 59.0

148 65.3 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.20 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004125.D

Acq: 17 Aug 2018 12:10

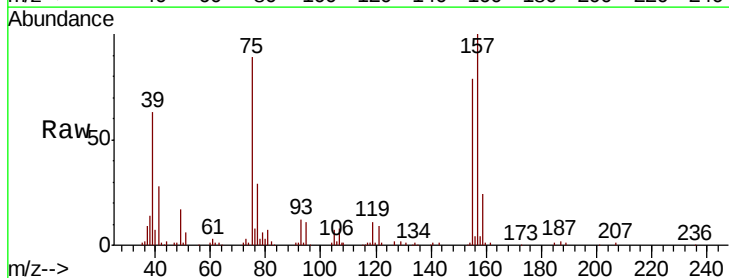
Tgt Ion: 75 Resp: 19189

Ion Ratio Lower Upper

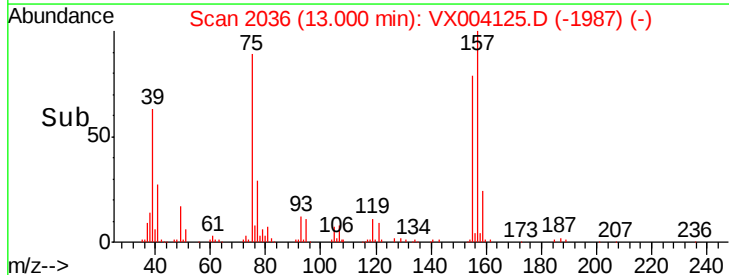
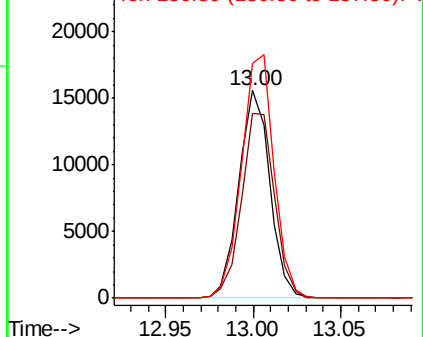
75 100

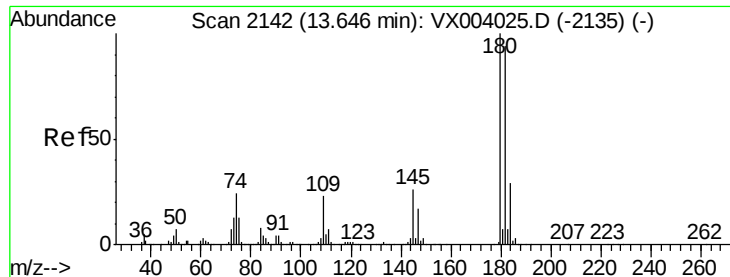
155 94.4 48.7 146.1

157 122.4 62.6 187.8



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

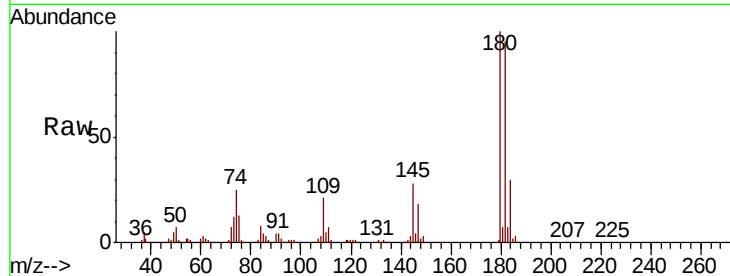




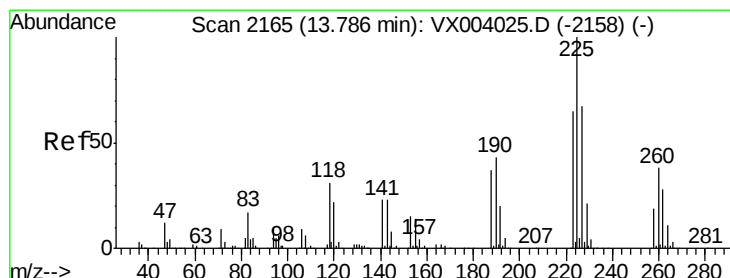
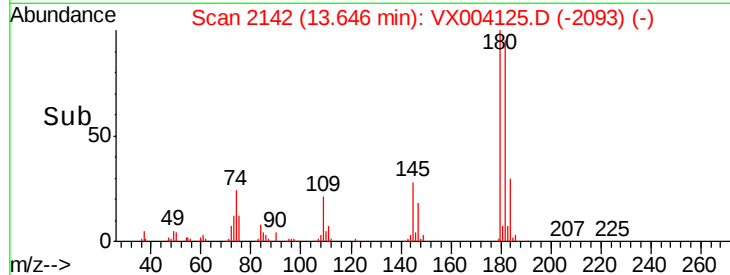
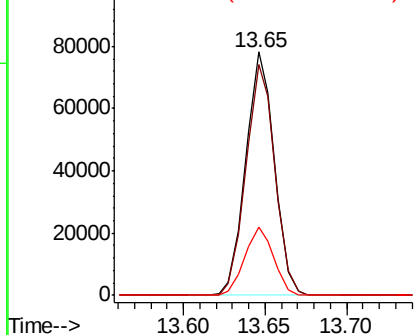
#93
 1,2,4-Trichlorobenzene
 Concen: 17.23 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 95920
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.1 13.9 41.6

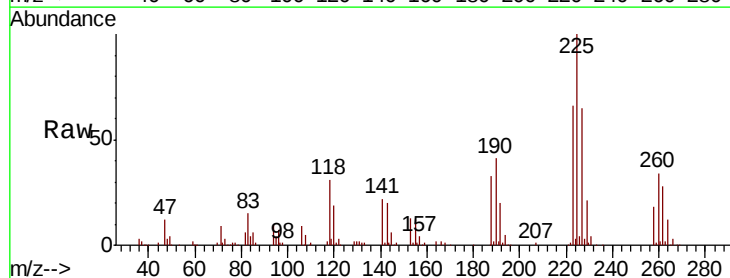


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

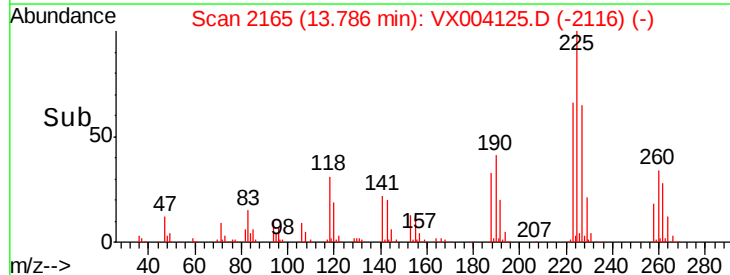
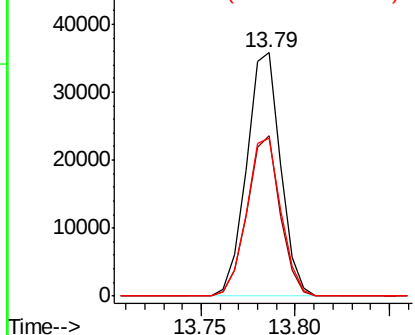


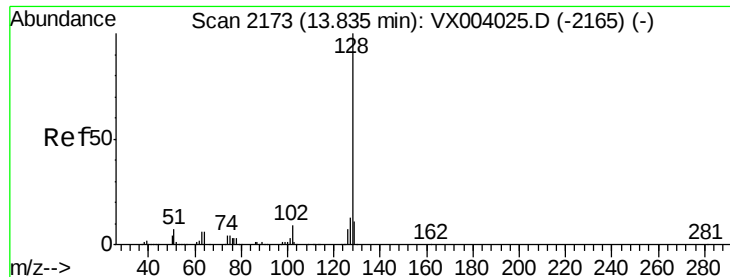
#94
 Hexachlorobutadiene
 Concen: 16.04 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004125.D
 Acq: 17 Aug 2018 12:10

Tgt Ion:225 Resp: 44769
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.0
 227 65.3 32.1 96.5



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

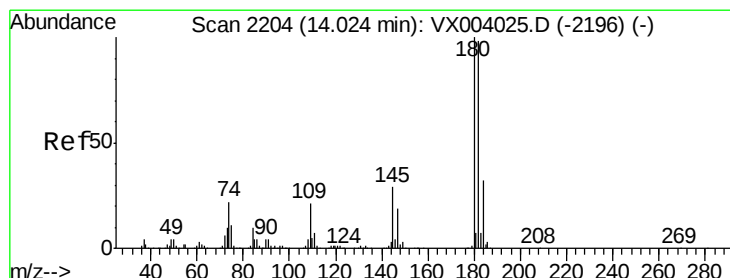
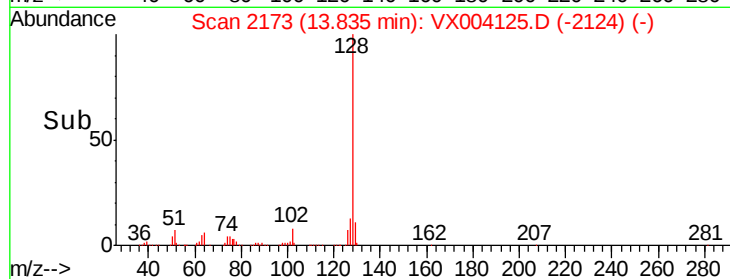
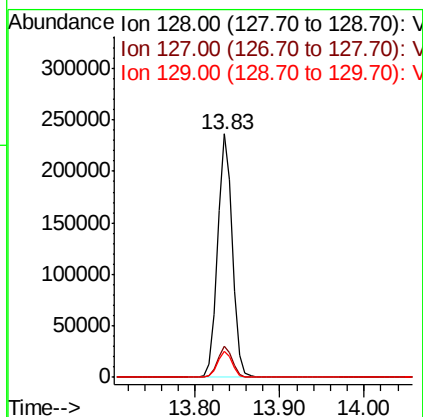
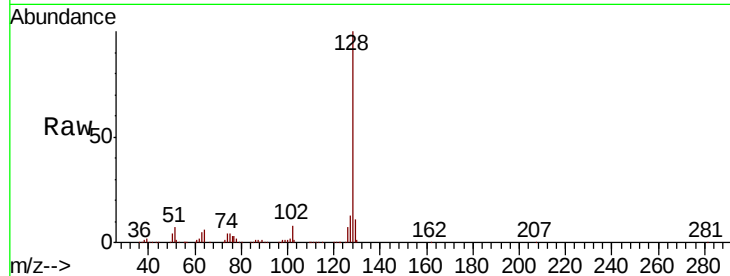




#95
Naphthalene
Concen: 16.89 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.72 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004125.D
Acq: 17 Aug 2018 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	29.3	14.9	44.7

