

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070218\
 Data File : VX003125.D
 Acq On : 02 Jul 2018 14:16
 Operator : JC/MD
 Sample : J3716-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0039DL

Quant Time: Jul 03 06:56:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173789	43.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.78%	
35) Dibromofluoromethane	5.51	113	147818	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.72	98	520317	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.14	95	194008	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131	Below Cal	#	71
3) Chloromethane	1.33	50	913	Below Cal	#	47
5) Bromomethane	1.64	94	2279	Below Cal		94
6) Chloroethane	1.72	64	421	Below Cal		93
10) Methyl Iodide	2.51	142	3769	7.25	ug/l #	96
11) Tert butyl alcohol	3.03	59	9615	12.19	ug/l #	73
13) Acrolein	2.29	56	59	4.36	ug/l #	1
15) Acrylonitrile	3.15	53	522	0.31	ug/l #	69
16) Acetone	2.45	43	2309	1.41	ug/l	94
17) Carbon Disulfide	2.56	76	1523	0.20	ug/l #	85
20) Methylene Chloride	2.85	84	3251	1.02	ug/l	86
25) 2-Butanone	4.72	43	896	0.37	ug/l	94
29) Tetrahydrofuran	5.16	42	483	0.31	ug/l #	55
31) Cyclohexane	5.57	56	37101	7.47	ug/l	95
36) 1,1-Dichloropropene	5.66	75	18357	4.52	ug/l #	51
38) Carbon Tetrachloride	5.66	117	25348	5.69	ug/l #	16
39) Methylcyclohexane	7.46	83	49891	10.56	ug/l	95
45) 1,2-Dichloropropane	7.46	63	856	0.27	ug/l #	1
48) Methyl methacrylate	7.73	41	3224	0.85	ug/l #	52
56) Ethyl methacrylate	9.16	69	915	0.20	ug/l #	30
67) Ethyl Benzene	10.26	91	447923	30.72	ug/l	98
68) m/p-Xylenes	10.37	106	204699	36.42	ug/l	98
73) Isopropylbenzene	11.02	105	90892	6.13	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	98848	24.76	ug/l #	33
78) n-propylbenzene	11.36	91	100723	5.97	ug/l	100
79) 2-Chlorotoluene	11.46	91	17016	1.67	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.46	105	148226	11.87	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.14	75	98848	70.38	ug/l #	7
82) 4-Chlorotoluene	11.46	91	17016	1.41	ug/l #	44
83) tert-Butylbenzene	11.81	119	59456	4.83	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.81	105	471661	36.46	ug/l	98
85) sec-Butylbenzene	11.81	105	471387	31.58	ug/l #	56
86) p-Isopropyltoluene	12.07	119	14345	1.07	ug/l	91
89) n-Butylbenzene	12.39	91	7216	0.62	ug/l #	63

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

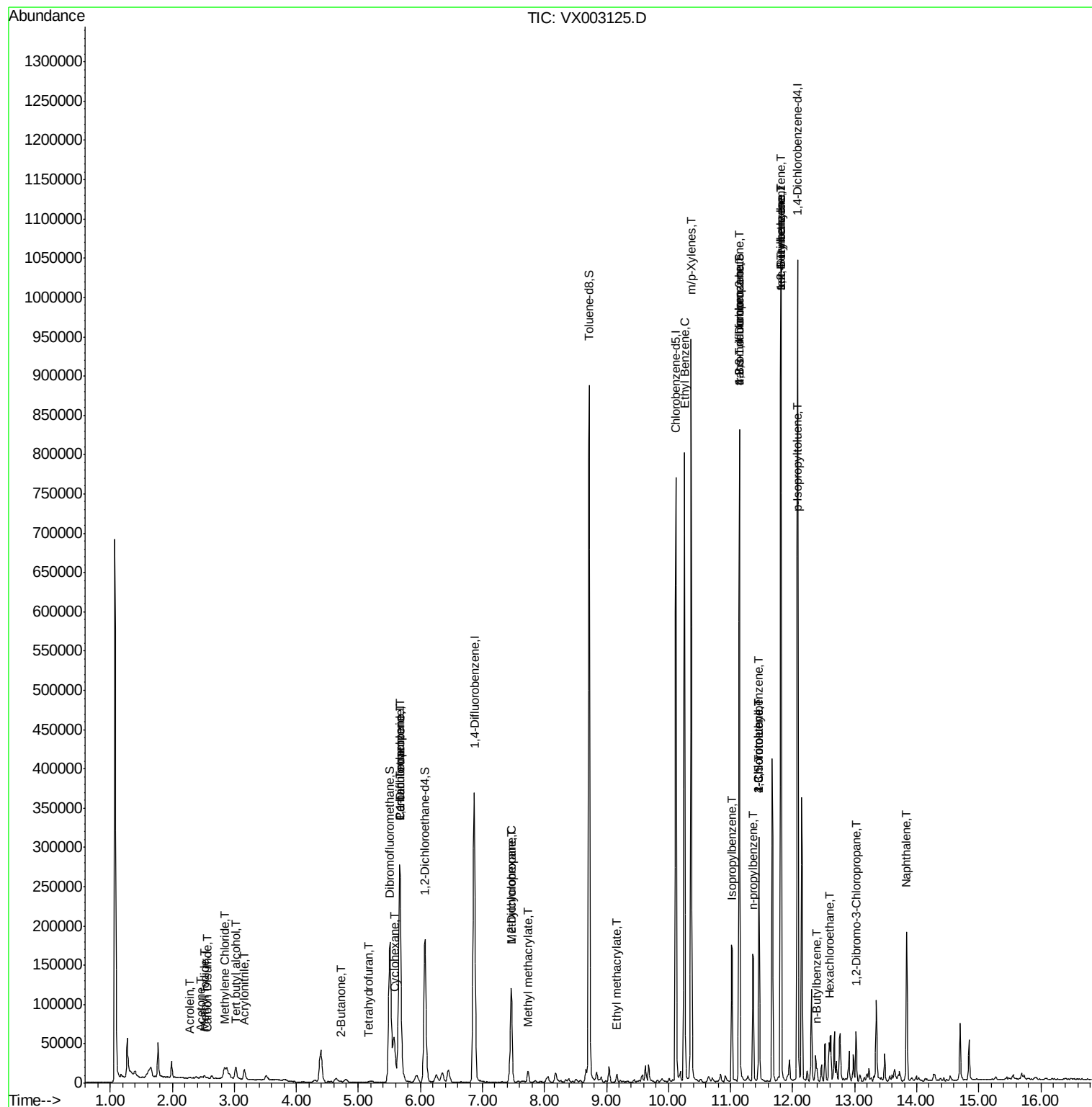
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	2392	1.20	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	376	0.37	ug/l #	1
95) Naphthalene	13.84	128	122935	8.15	ug/l	99

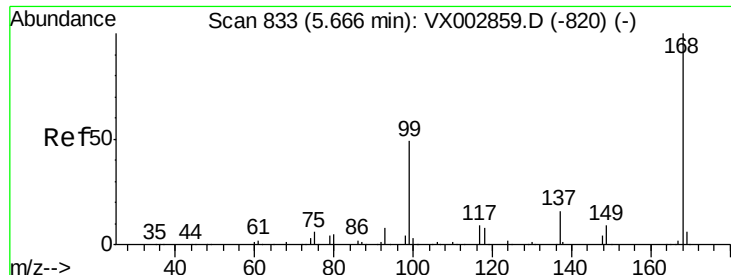
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampleID :

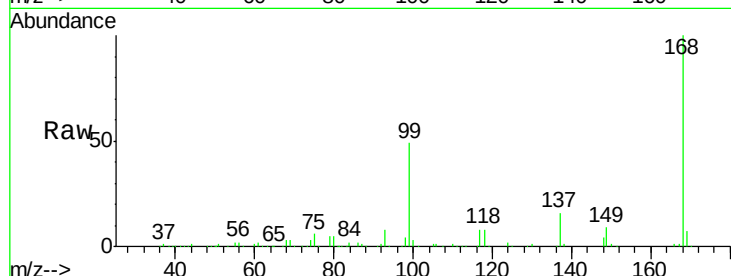
S22-0039DL

Tot Ion:168 Resp: 286470

Ion Ratio Lower Upper

168 100

99 48.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

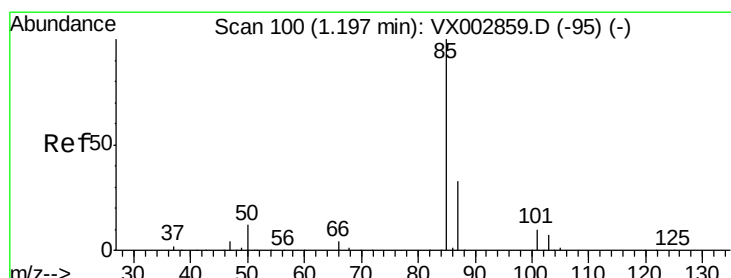
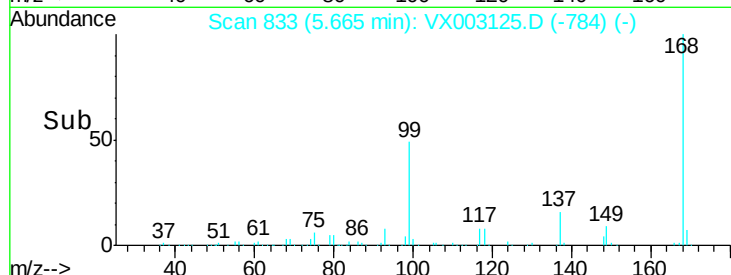
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003125.D

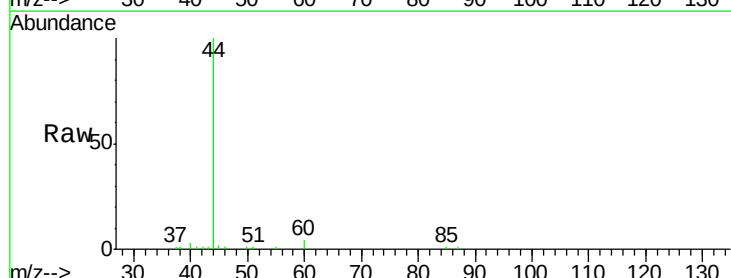
Acq: 02 Jul 2018 14:16

Tgt Ion: 85 Resp: 131

Ion Ratio Lower Upper

85 100

87 48.1 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120

100

80

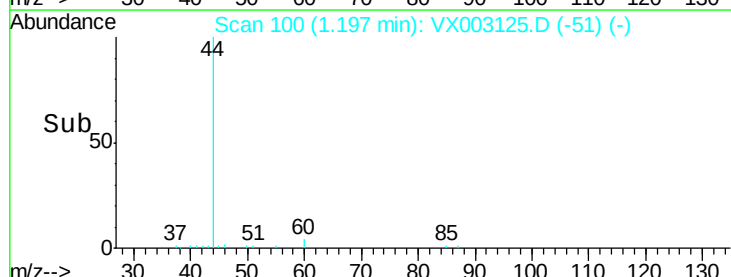
60

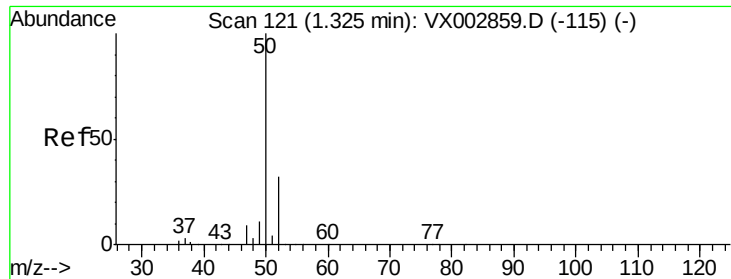
40

20

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

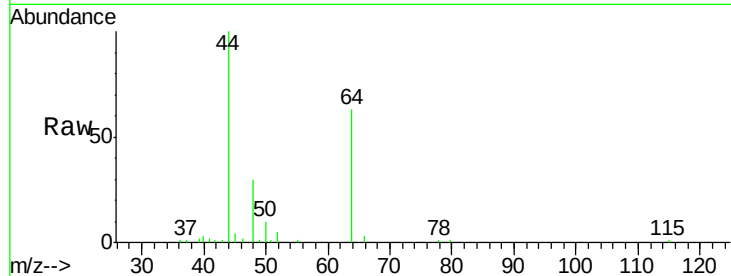
S22-0039DL

Tot Ion: 50 Resp: 913

Ion Ratio Lower Upper

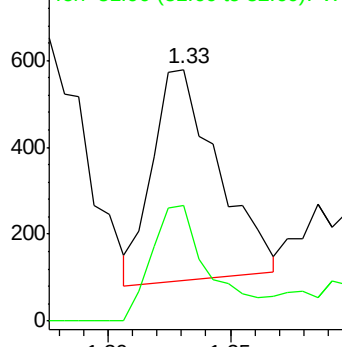
50 100

52 61.4 25.7 38.5#

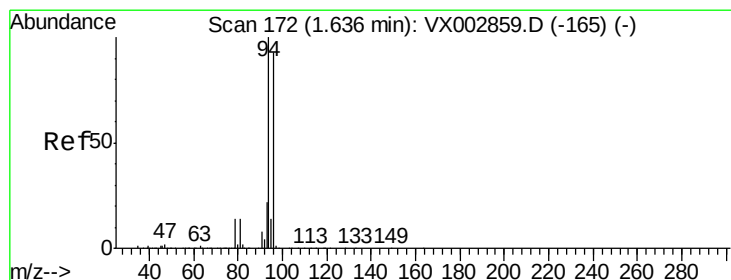
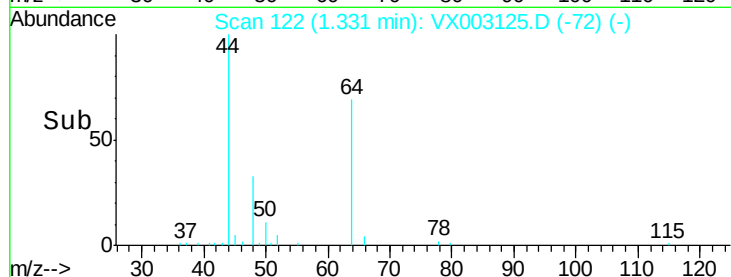


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003125.D

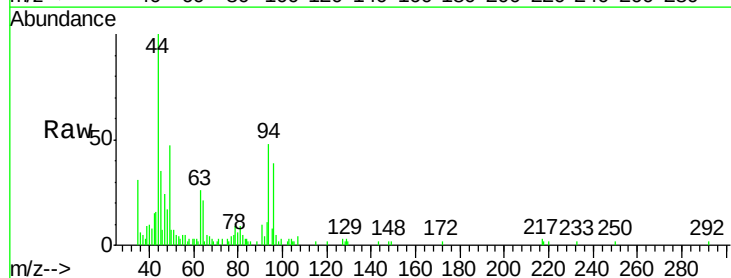
Acq: 02 Jul 2018 14:16

Tgt Ion: 94 Resp: 2279

Ion Ratio Lower Upper

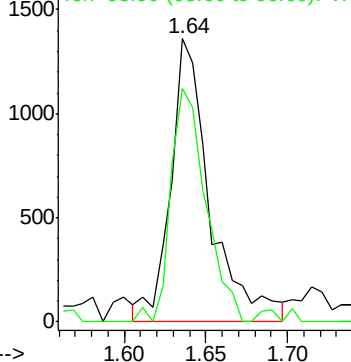
94 100

96 88.1 74.9 112.3

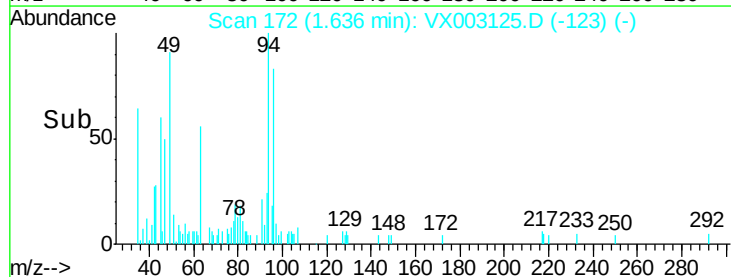


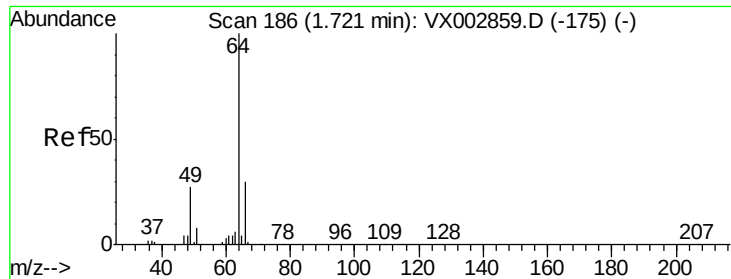
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

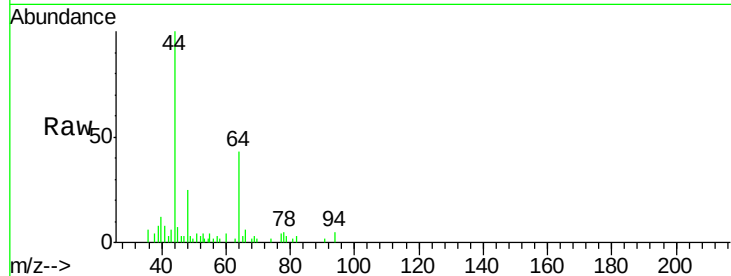
S22-0039DL

Tot Ion: 64 Resp: 421

Ion Ratio Lower Upper

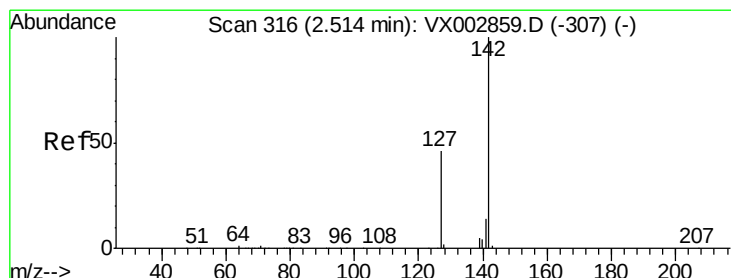
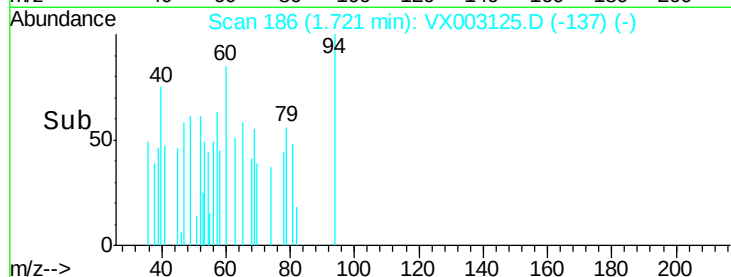
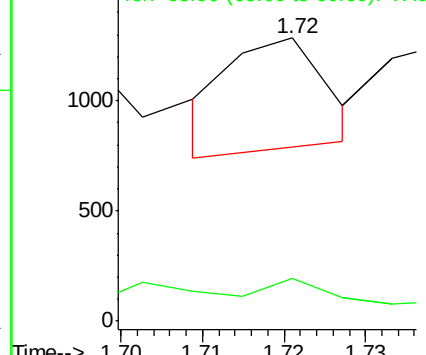
64 100

66 27.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 7.25 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

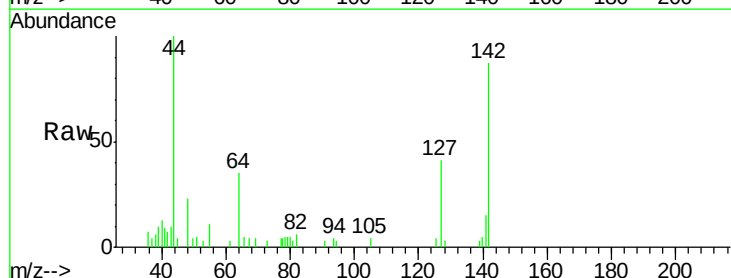
Tgt Ion: 142 Resp: 3769

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

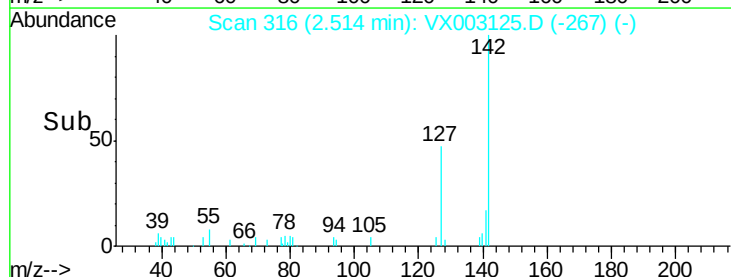
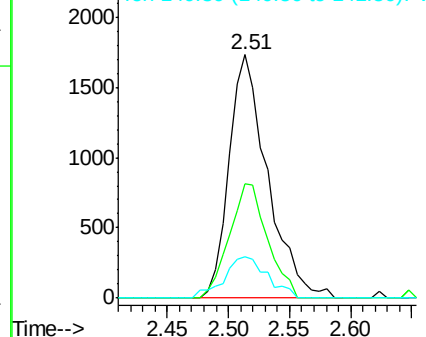
141 19.1 11.3 16.9#

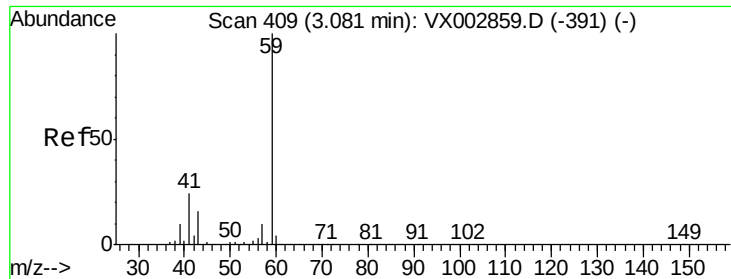


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 12.19 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.06 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

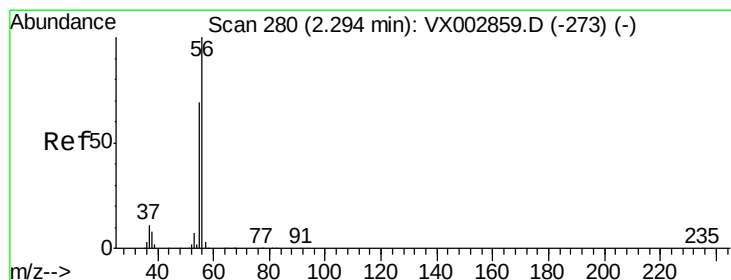
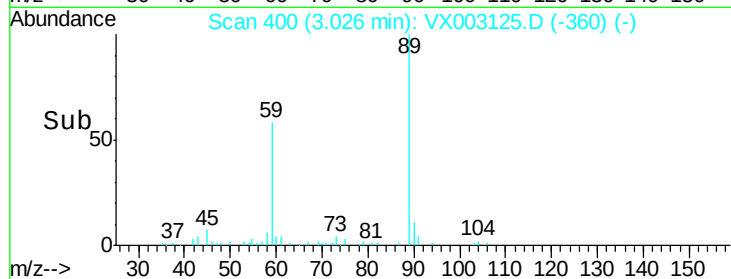
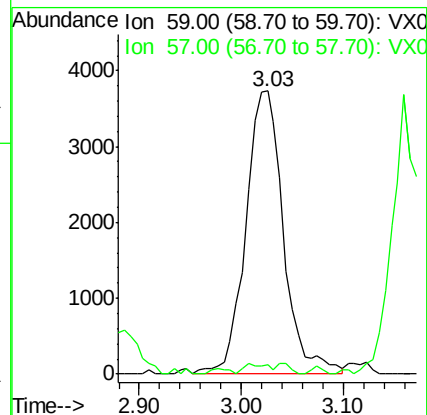
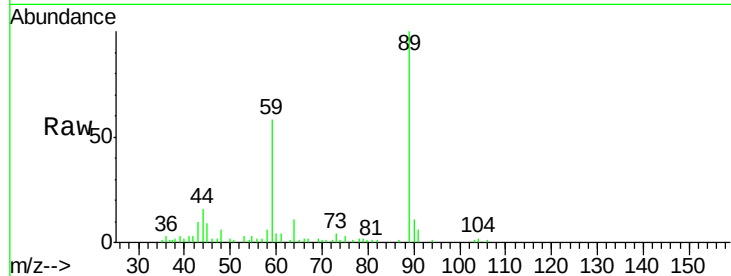
S22-0039DL

Tot Ion: 59 Resp: 9615

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 4.36 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003125.D

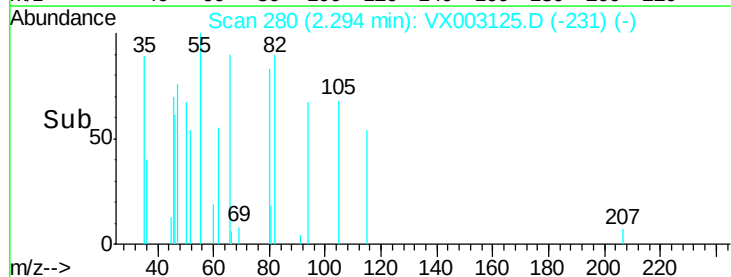
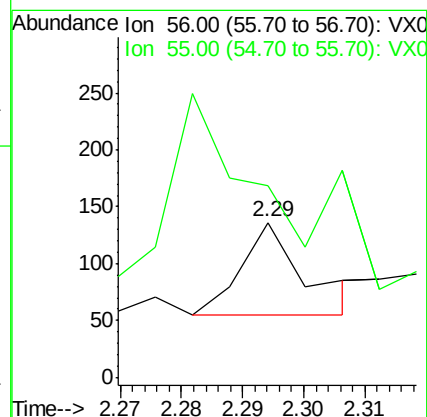
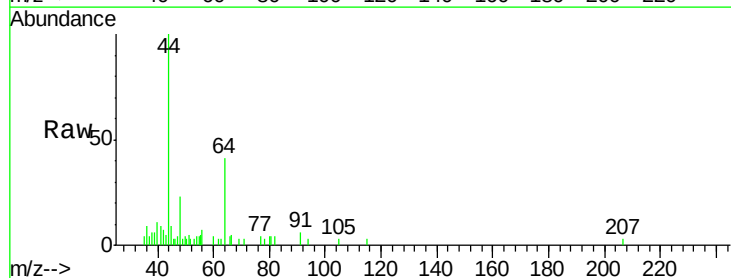
Acq: 02 Jul 2018 14:16

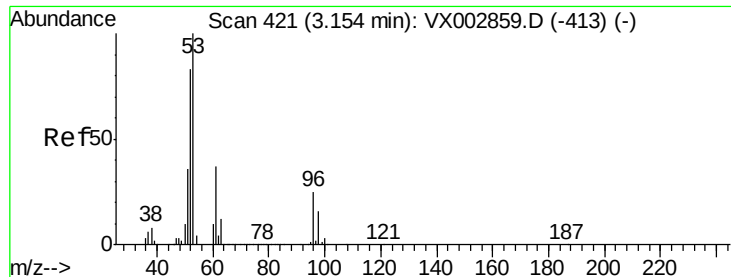
Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 418.6 57.0 85.4#





#15

Acrylonitrile

Concen: 0.31 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampleID :

S22-0039DL

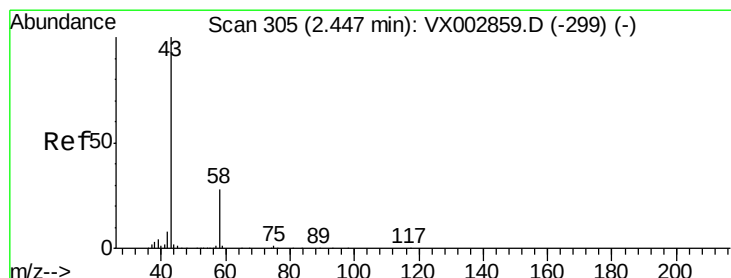
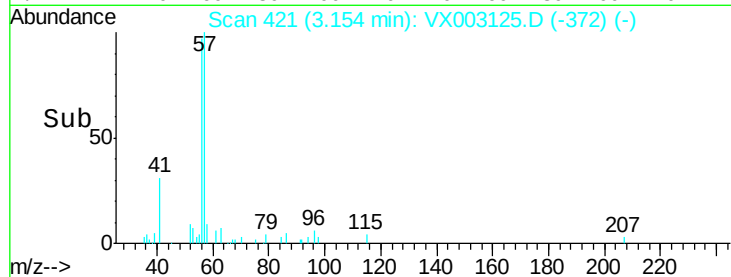
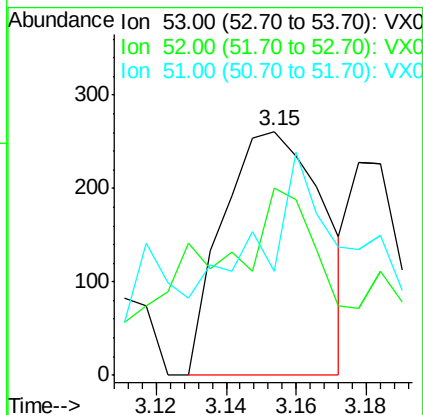
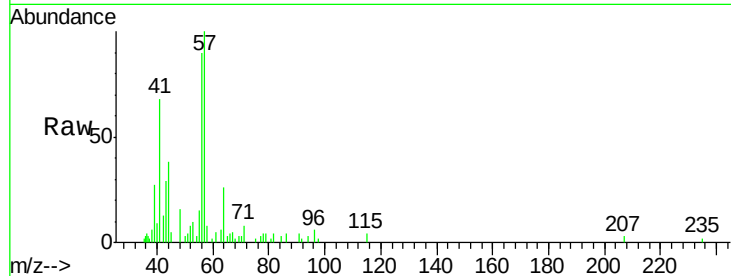
Tot Ion: 53 Resp: 522

Ion Ratio Lower Upper

53 100

52 114.2 66.7 100.1#

51 52.7 29.9 44.9#



#16

Acetone

Concen: 1.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003125.D

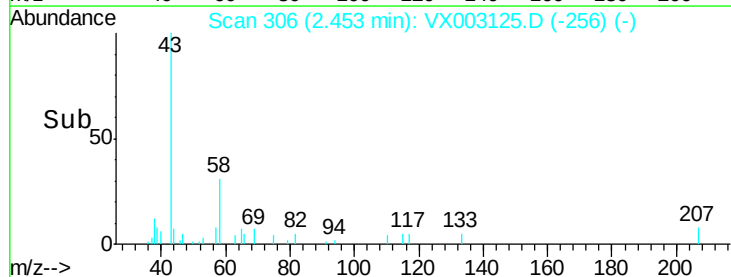
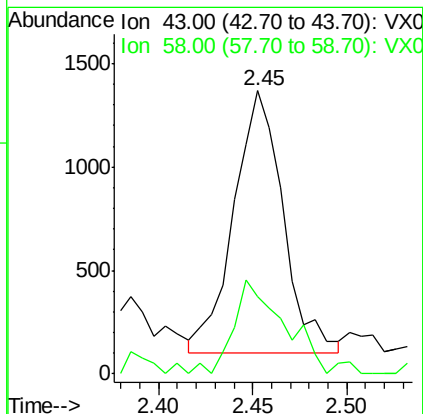
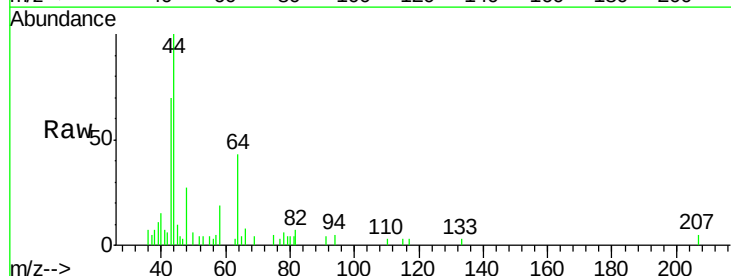
Acq: 02 Jul 2018 14:16

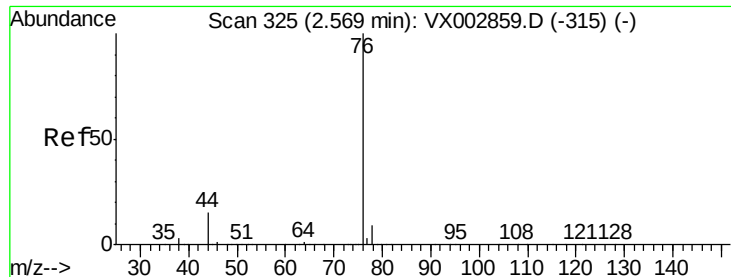
Tgt Ion: 43 Resp: 2309

Ion Ratio Lower Upper

43 100

58 30.8 22.1 33.1

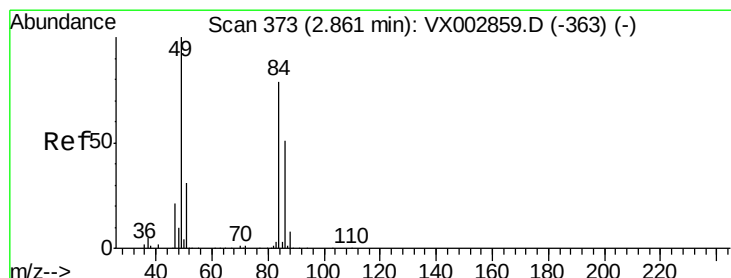
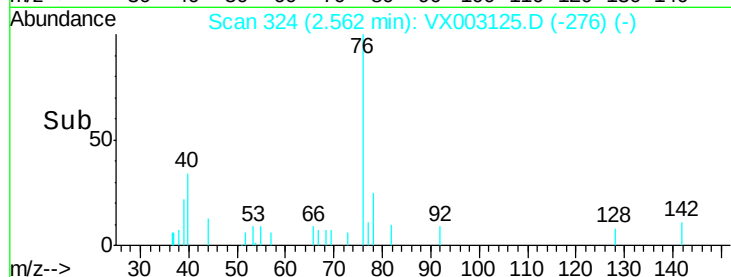
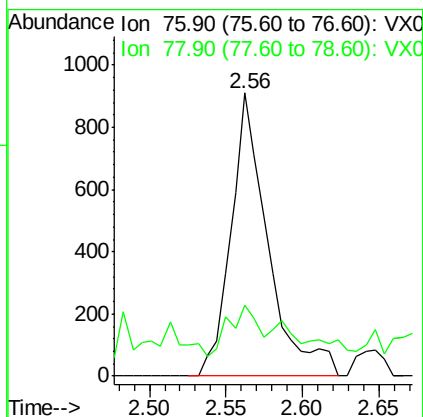
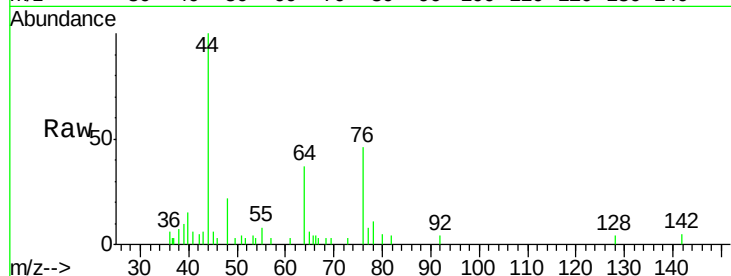




#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

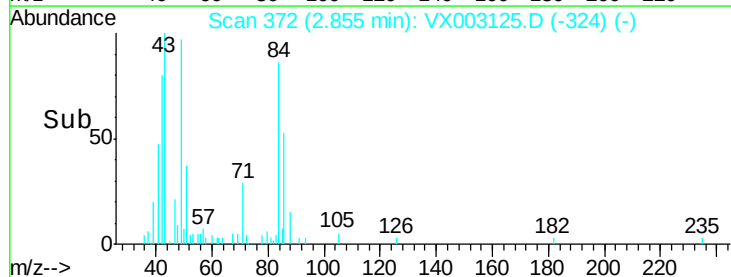
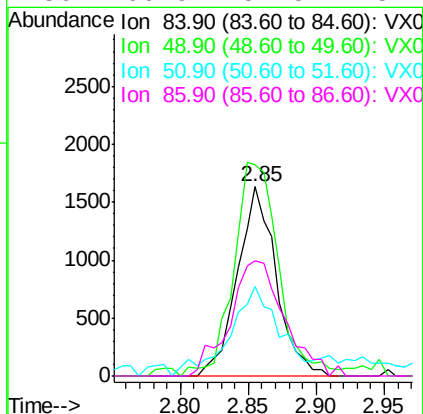
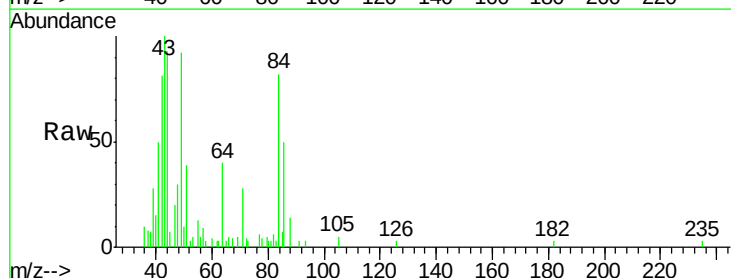
Instrument :
MSVOA_X
ClientSampleId :
S22-0039DL

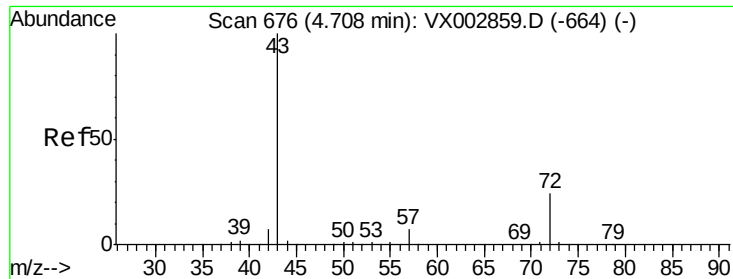
Tot Ion: 76 Resp: 1523
Ion Ratio Lower Upper
76 100
78 14.1 6.9 10.3#



#20
Methylene Chloride
Concen: 1.02 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion: 84 Resp: 3251
Ion Ratio Lower Upper
84 100
49 108.6 107.8 161.6
51 40.7 32.8 49.2
86 60.9 52.5 78.7

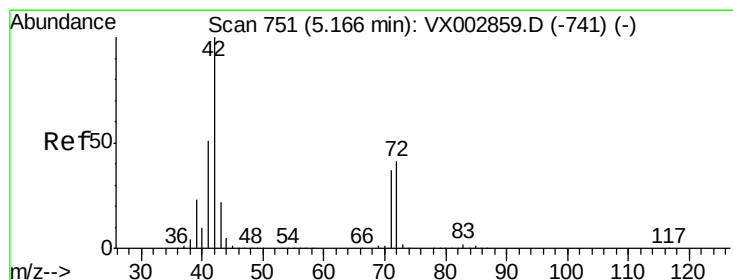
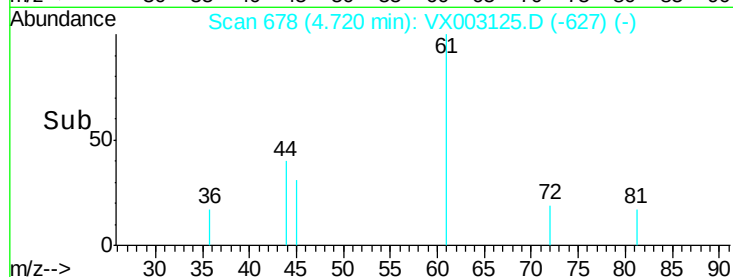
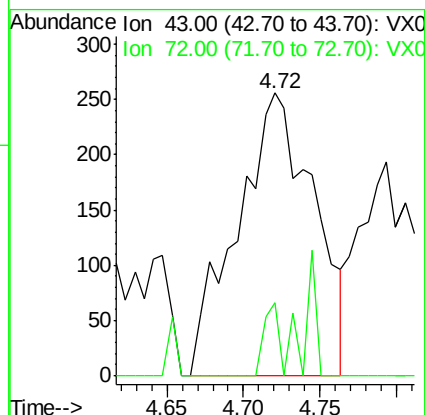
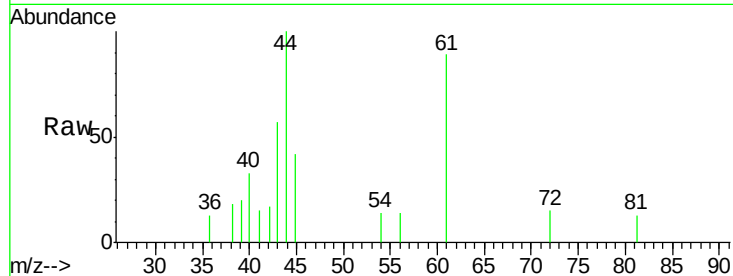




#25
2-Butanone
Concen: 0.37 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

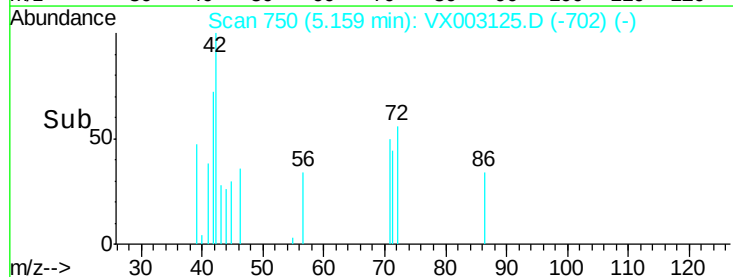
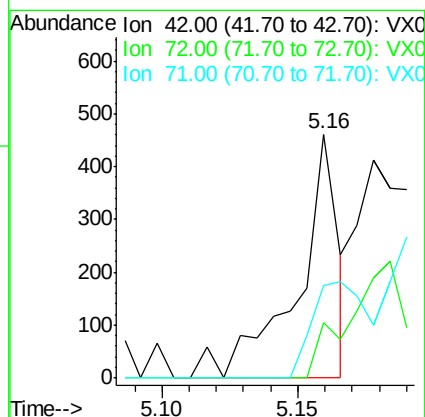
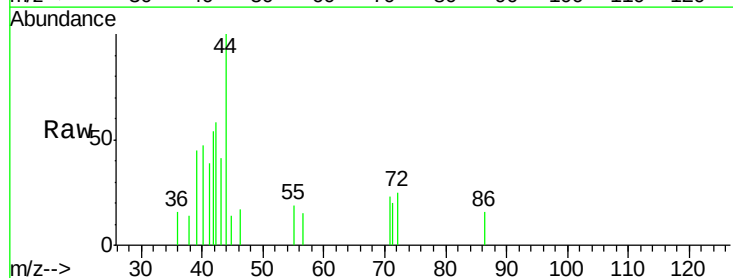
Instrument :
MSVOA_X
ClientSampled :
S22-0039DL

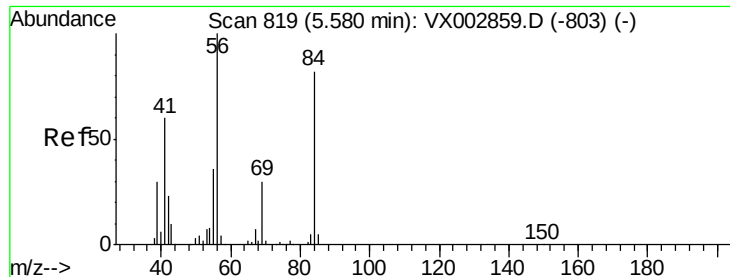
Tot Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
72 25.8 18.5 27.7



#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion: 42 Resp: 483
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 52.6 30.1 45.1#

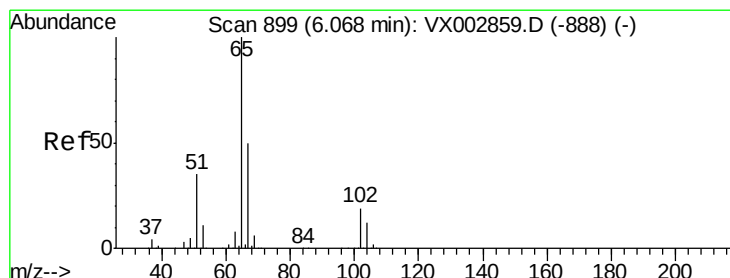
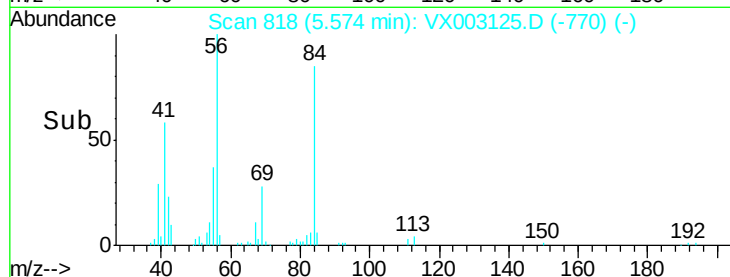
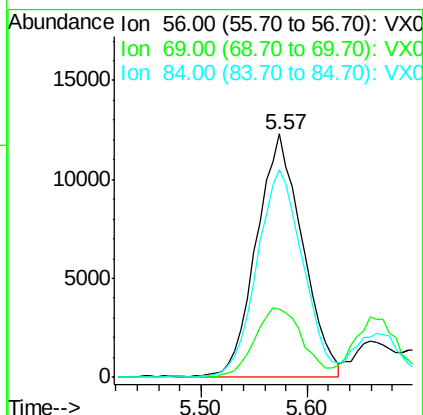
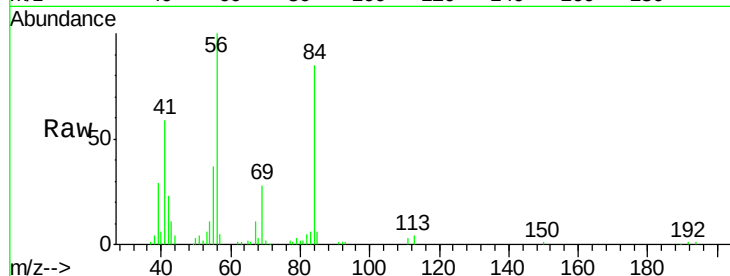




#31
Cyclohexane
Concen: 7.47 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

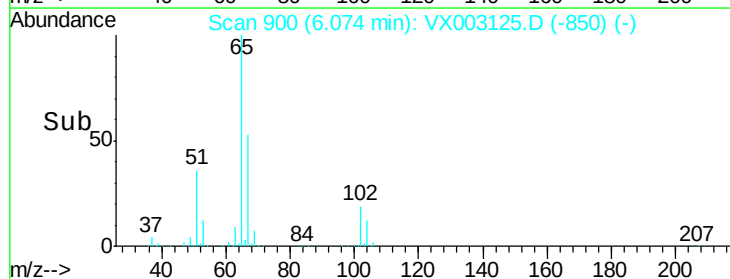
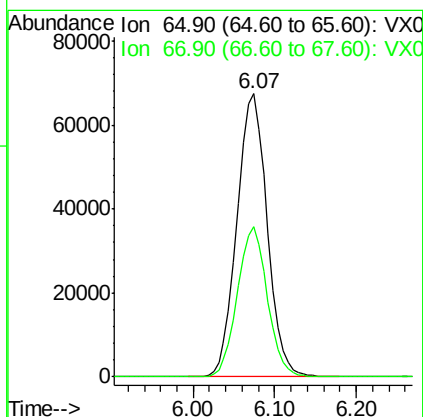
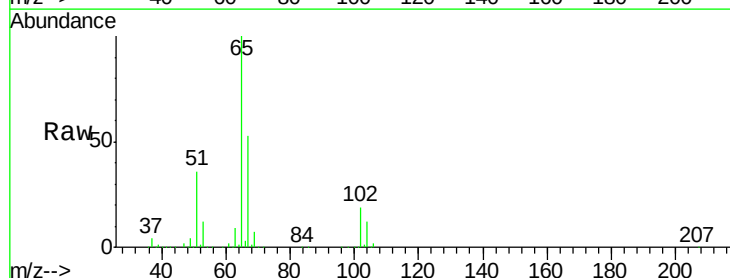
Instrument :
MSVOA_X
ClientSampled :
S22-0039DL

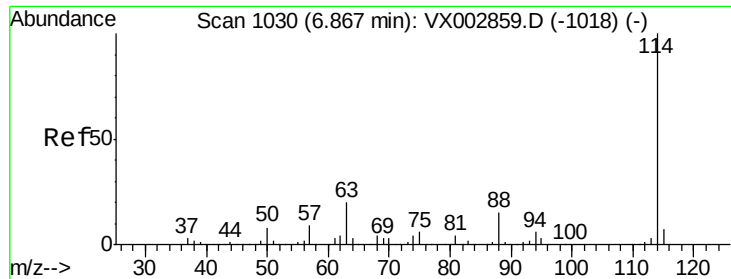
Tot Ion: 56 Resp: 37101
Ion Ratio Lower Upper
56 100
69 28.1 23.7 35.5
84 85.1 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 43.89 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion: 65 Resp: 173789
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.6

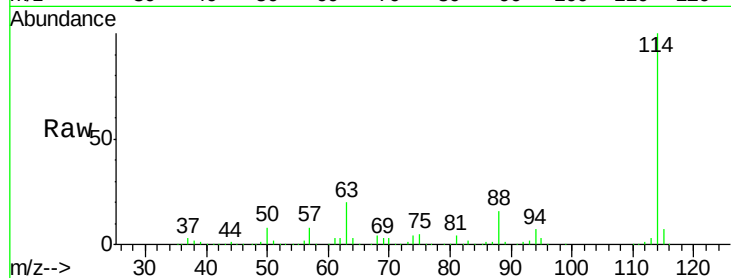




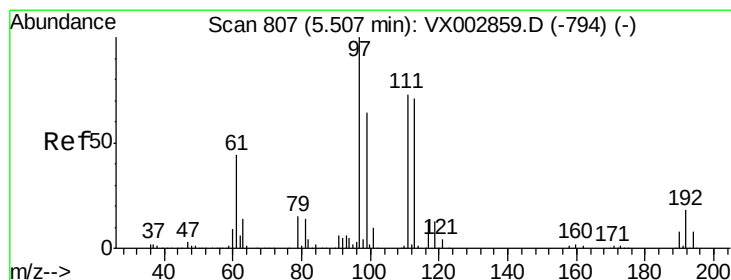
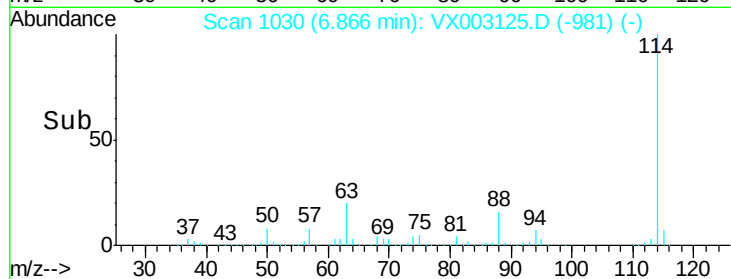
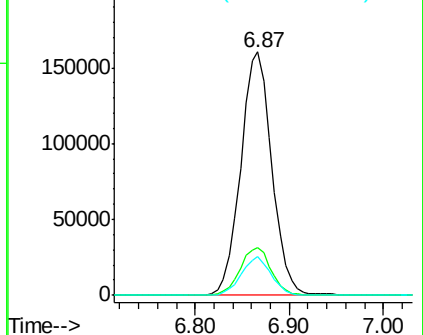
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003125.D
 Acq: 02 Jul 2018 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0039DL

Tot Ion:114 Resp: 369957
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.7 0.0 30.0

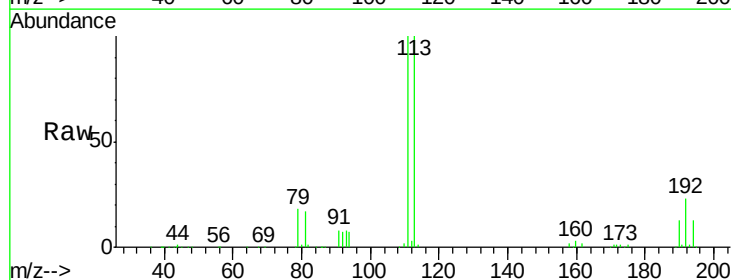


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

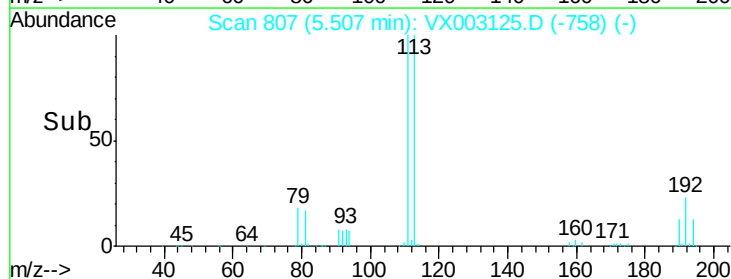
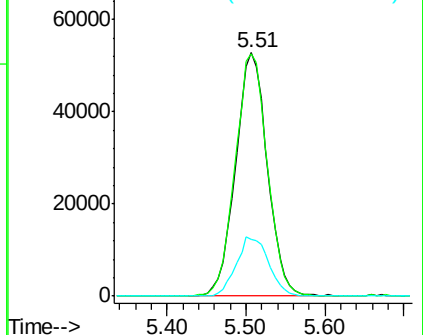


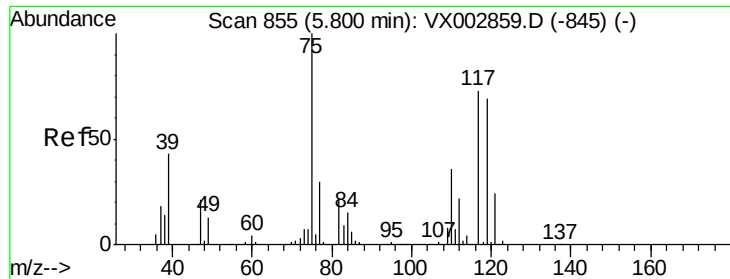
#35
 Dibromofluoromethane
 Concen: 50.45 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003125.D
 Acq: 02 Jul 2018 14:16

Tgt Ion:113 Resp: 147818
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.4 122.0
 192 24.8 19.1 28.7



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

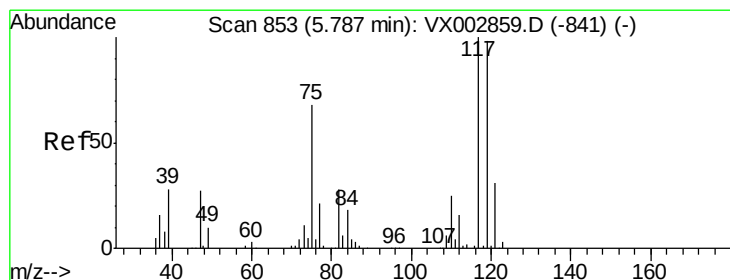
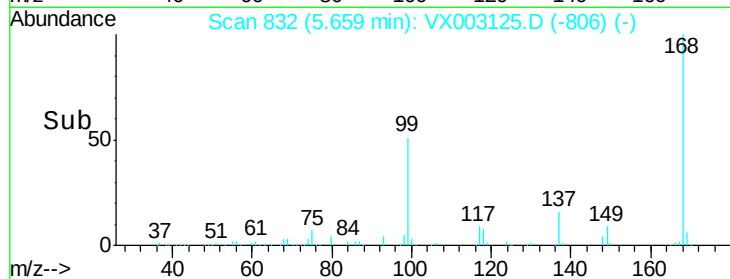
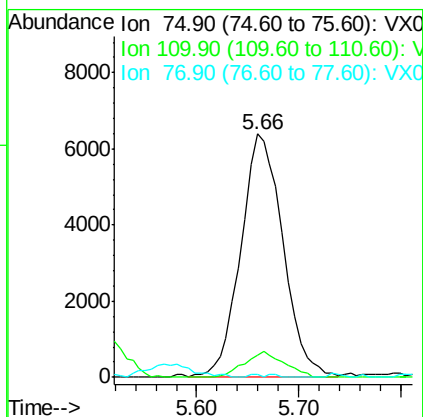
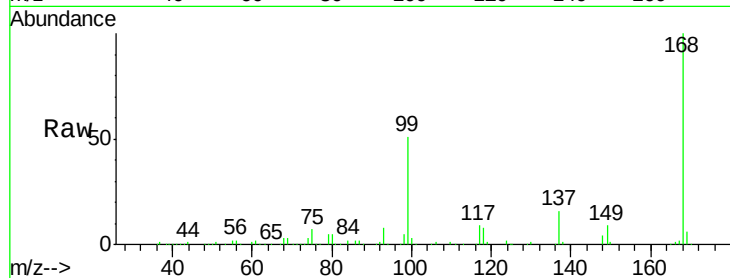




#36
 1,1-Dichloropropene
 Concen: 4.52 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003125.D
 Acq: 02 Jul 2018 14:16

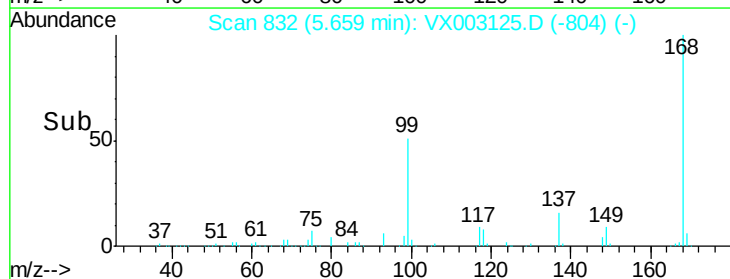
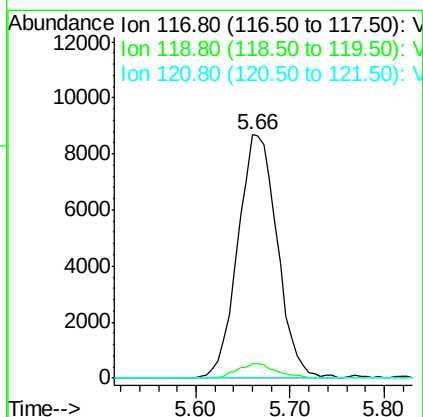
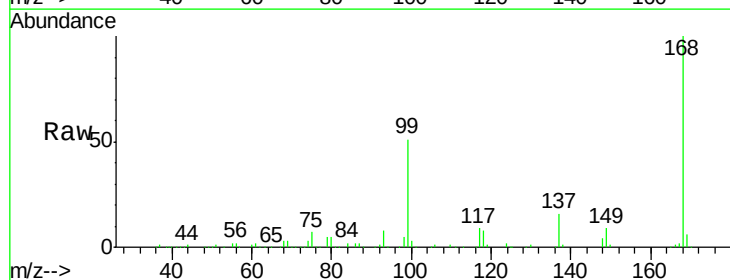
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0039DL

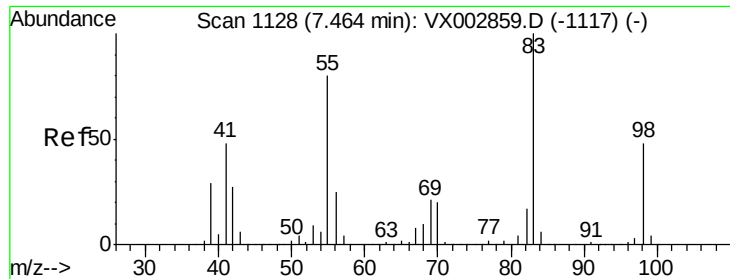
Tot Ion	75	Resp	18357
Ion Ratio	Lower	Upper	
75	100		
110	10.0	18.1	54.4#
77	0.3	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 5.69 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.13 min
 Lab File: VX003125.D
 Acq: 02 Jul 2018 14:16

Tgt Ion	117	Resp	25348
Ion Ratio	Lower	Upper	
117	100		
119	6.0	77.4	116.0#
121	0.0	24.4	36.6#

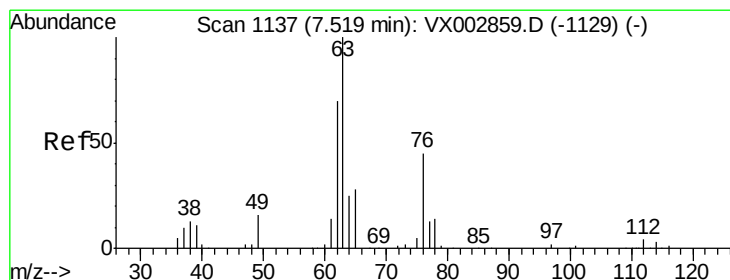
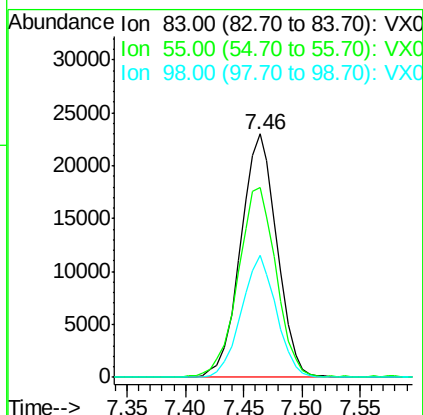
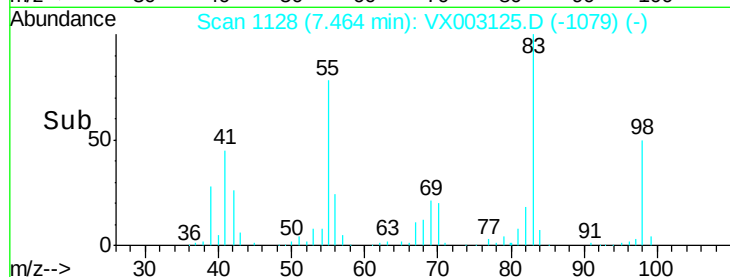
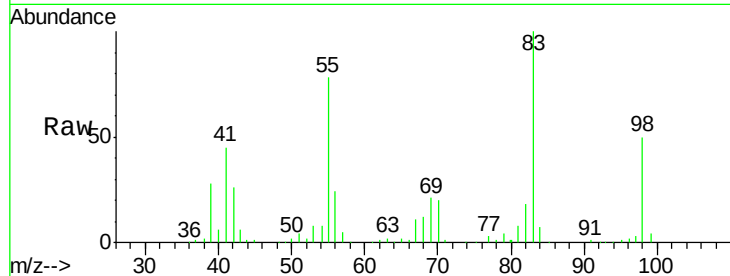




#39
Methvlcvclohexane
Concen: 10.56 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

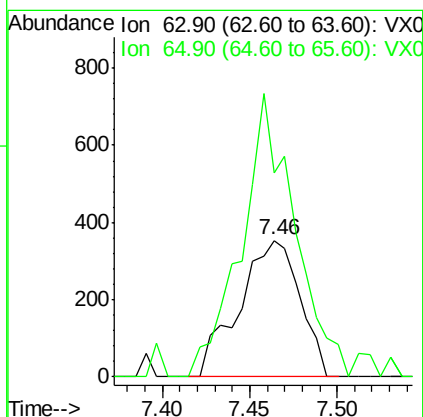
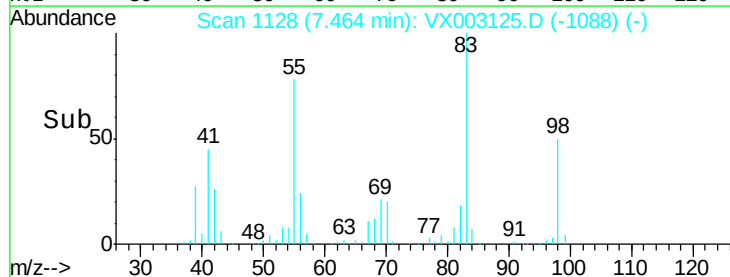
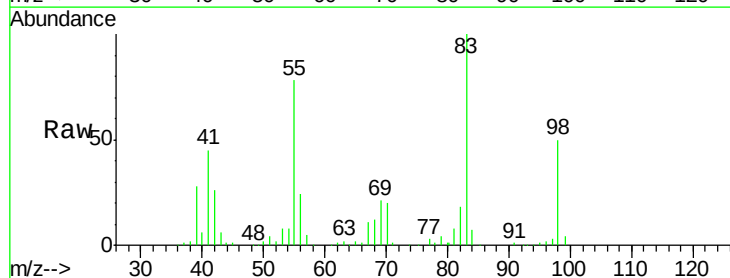
Instrument :
MSVOA_X
ClientSampleId :
S22-0039DL

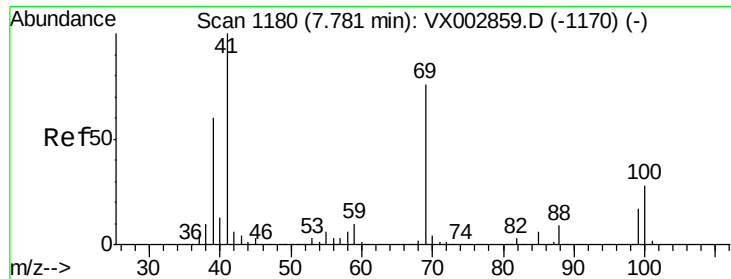
Tot Ion: 83 Resp: 49891
Ion Ratio Lower Upper
83 100
55 77.9 65.4 98.0
98 50.2 37.4 56.0



#45
1,2-Dichloropropane
Concen: 0.27 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.06 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion: 63 Resp: 856
Ion Ratio Lower Upper
63 100
65 149.2 24.7 37.1#

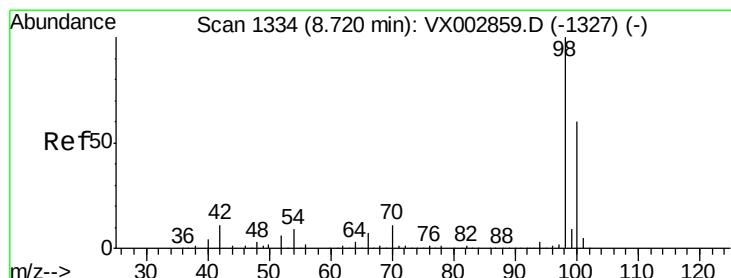
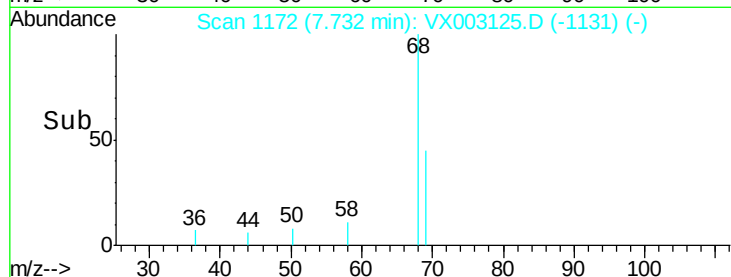
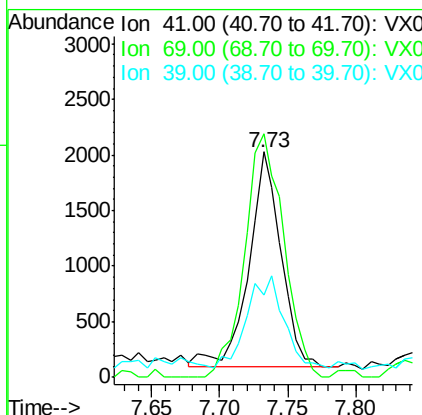
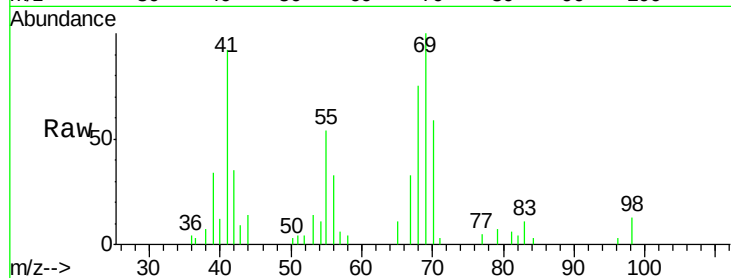




#48
Methvl methacrylate
Concen: 0.85 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

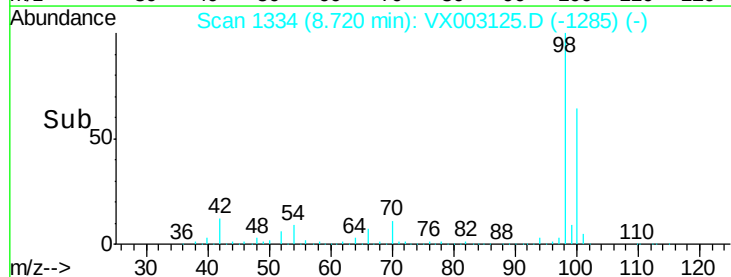
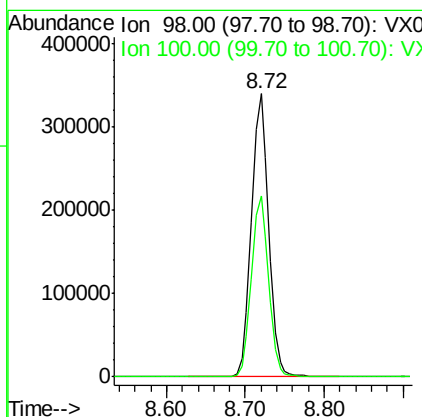
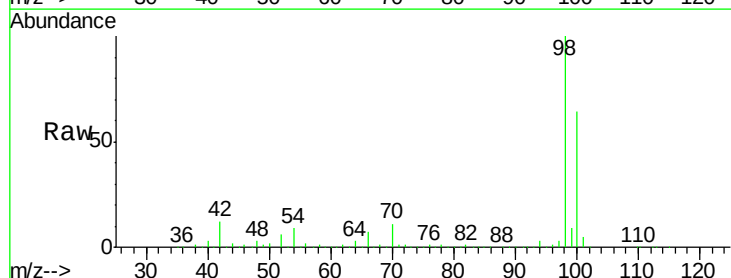
Instrument :
MSVOA_X
ClientSampleId :
S22-0039DL

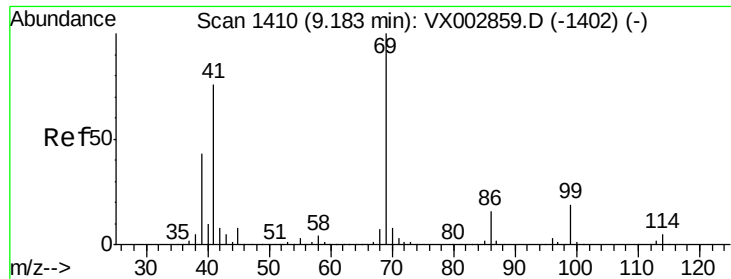
Tot Ion: 41 Resp: 3224
Ion Ratio Lower Upper
41 100
69 136.7 59.1 88.7#
39 48.9 48.9 73.3



#50
Toluene-d8
Concen: 48.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion: 98 Resp: 520317
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

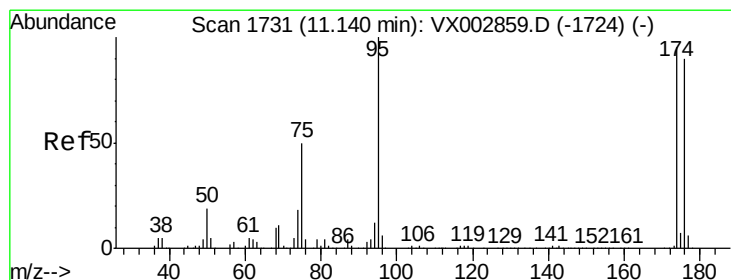
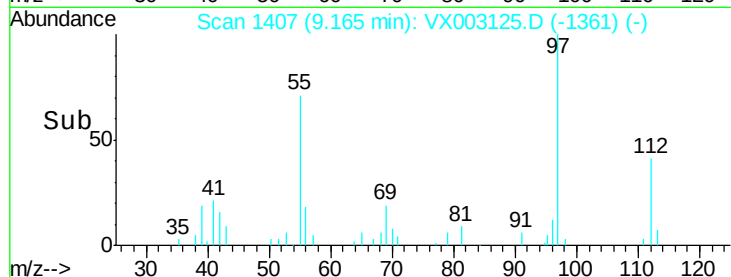
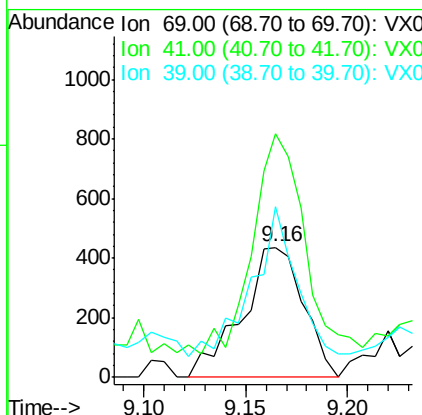
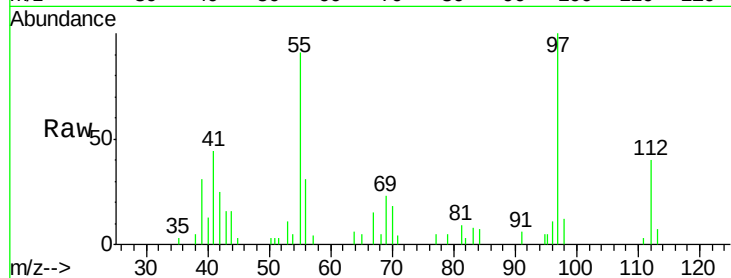




#56
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

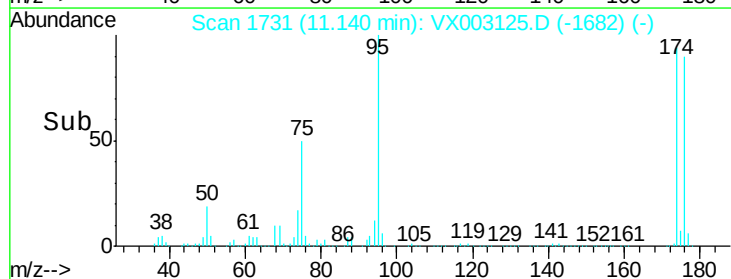
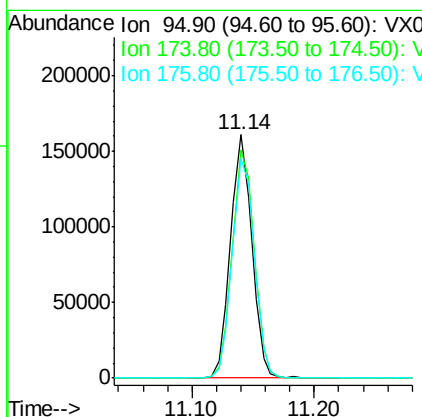
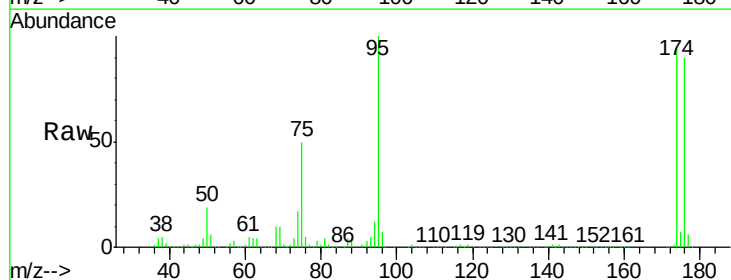
Instrument :
MSVOA_X
ClientSampled :
S22-0039DL

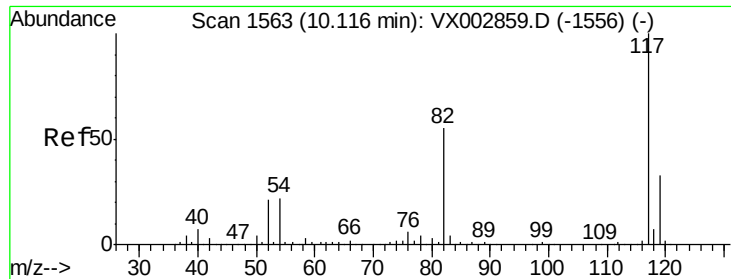
Tot Ion: 69 Resp: 915
Ion Ratio Lower Upper
69 100
41 140.3 60.3 90.5#
39 83.5 35.8 53.8#



#62
4-Bromofluorobenzene
Concen: 47.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion: 95 Resp: 194008
Ion Ratio Lower Upper
95 100
174 97.2 0.0 187.4
176 93.3 0.0 181.0

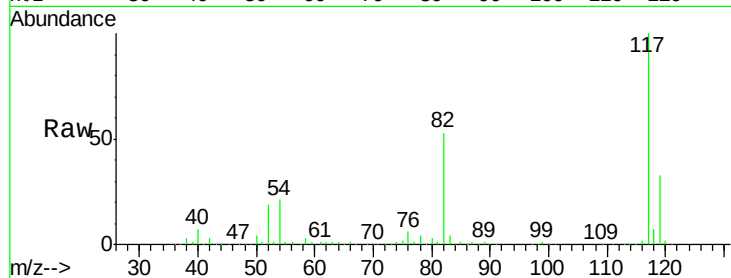




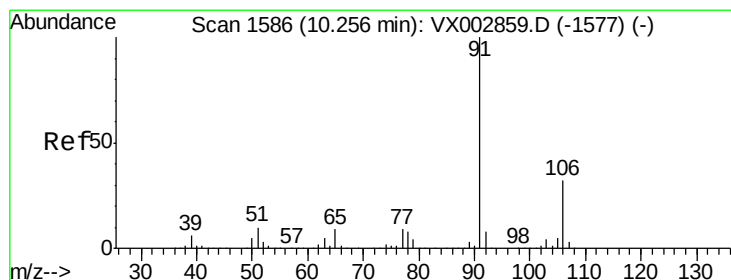
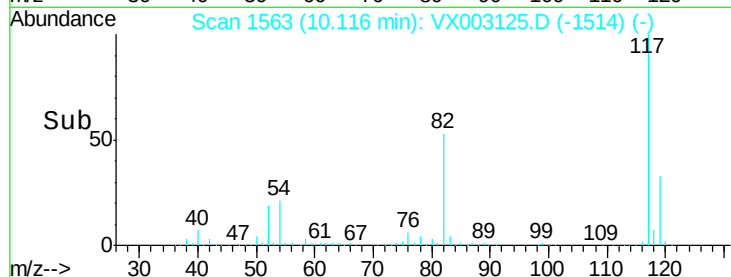
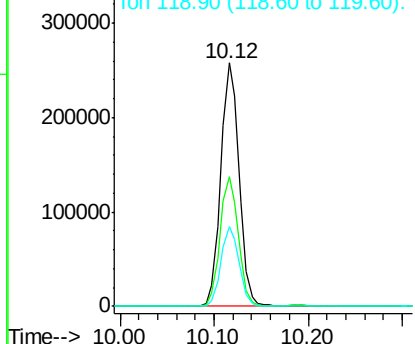
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
S22-0039DL

Tot Ion:117 Resp: 347524
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 33.0 25.8 38.6

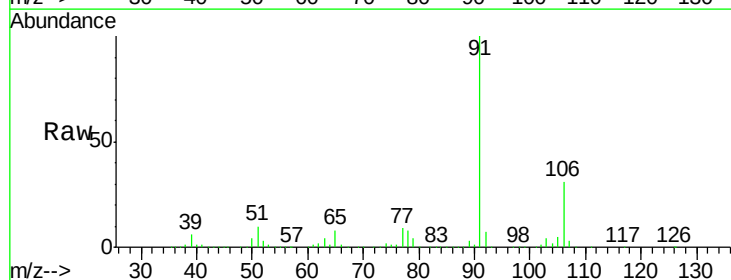


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

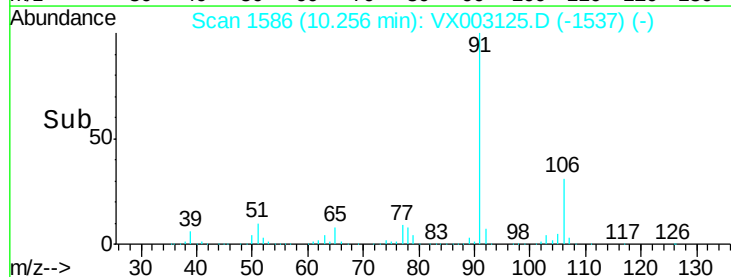
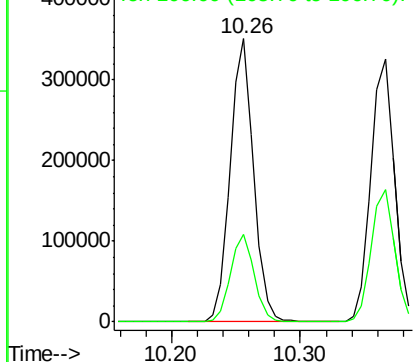


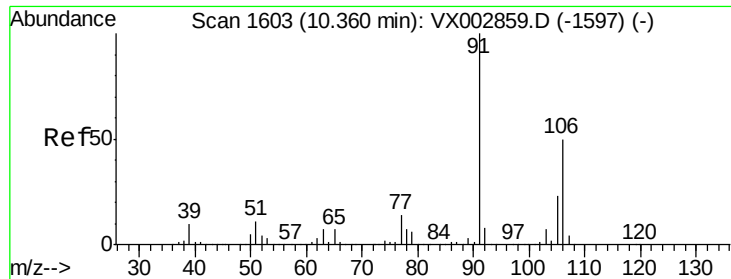
#67
Ethyl Benzene
Concen: 30.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion: 91 Resp: 447923
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3



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

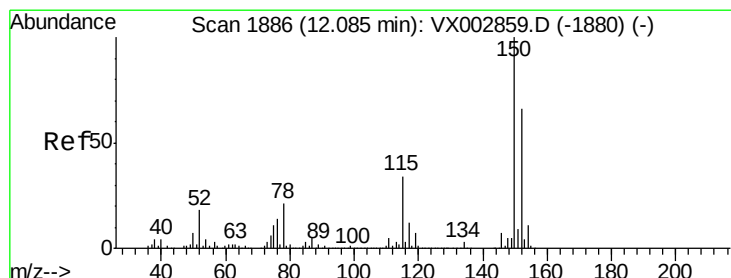
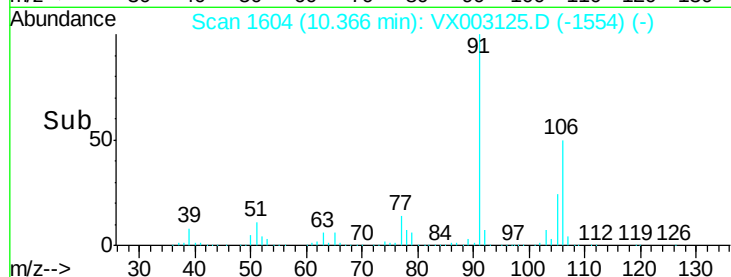
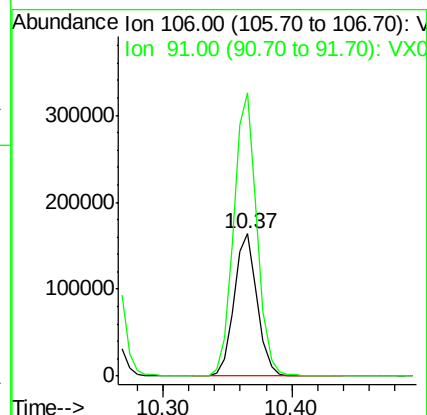
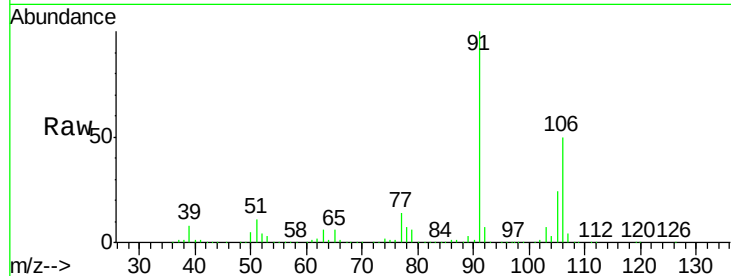




#68
m/p-Xvlenes
Concen: 36.42 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

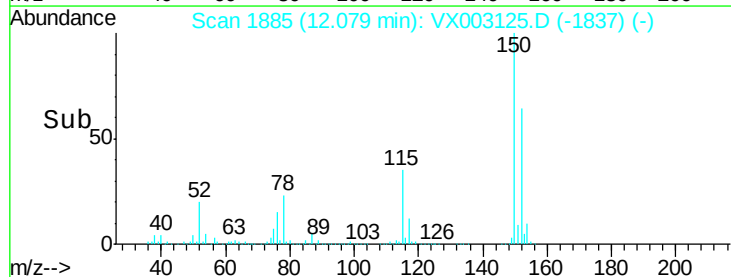
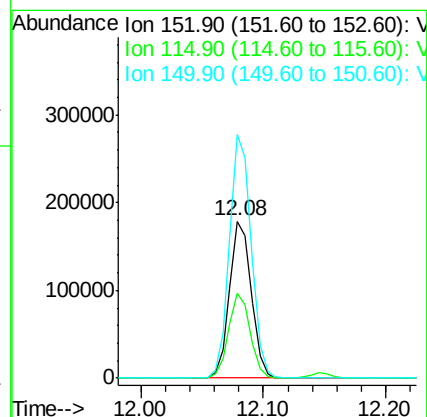
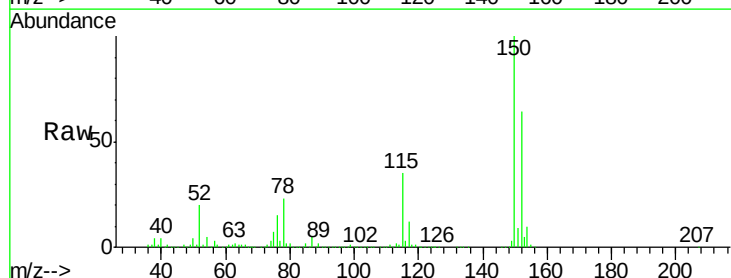
Instrument :
MSVOA_X
ClientSampled :
S22-0039DL

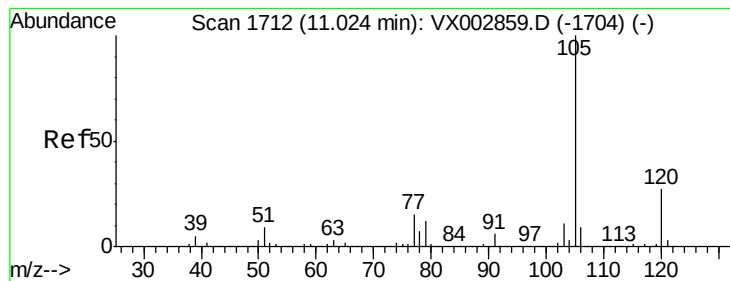
Tot Ion:106 Resp: 204699
Ion Ratio Lower Upper
106 100
91 201.4 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion:152 Resp: 220380
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 154.5 0.0 347.2





#73

Isopropylbenzene

Concen: 6.13 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

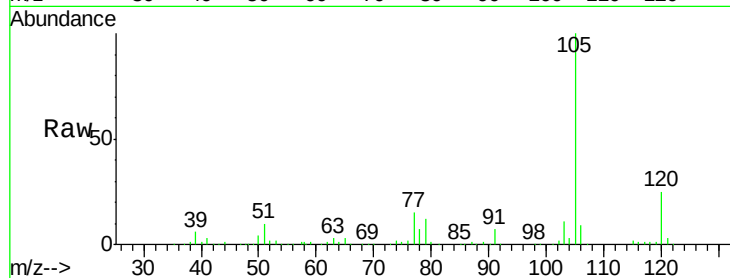
S22-0039DL

Tot Ion:105 Resp: 90892

Ion Ratio Lower Upper

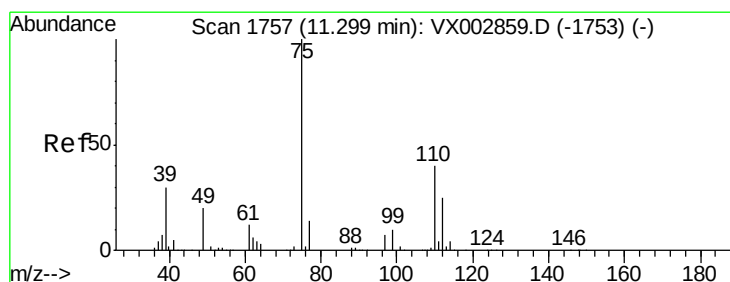
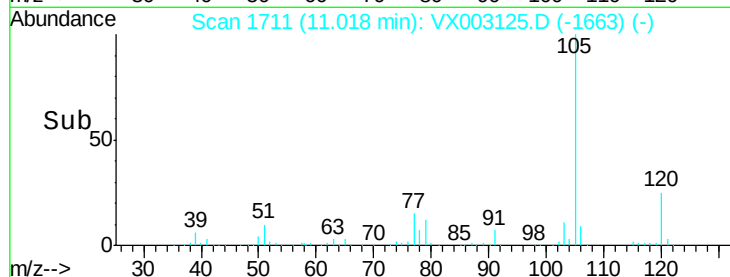
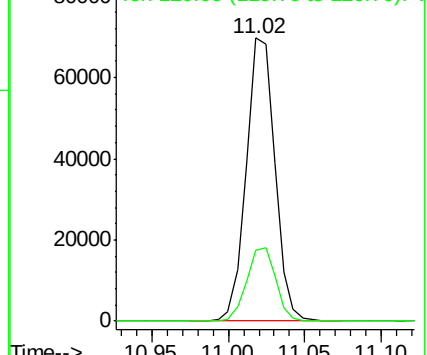
105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003125.D

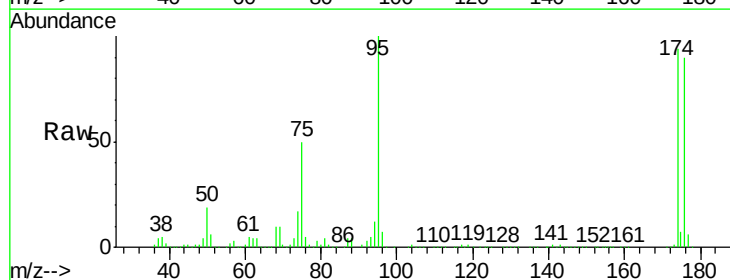
Acq: 02 Jul 2018 14:16

Tgt Ion: 75 Resp: 98848

Ion Ratio Lower Upper

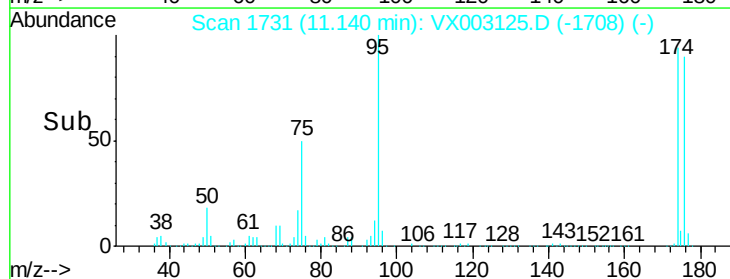
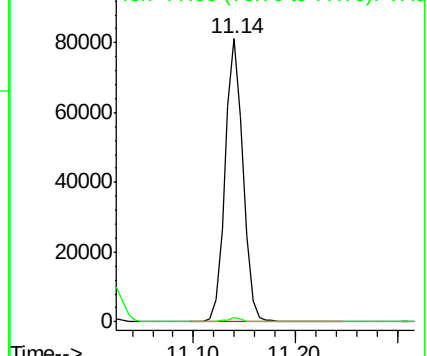
75 100

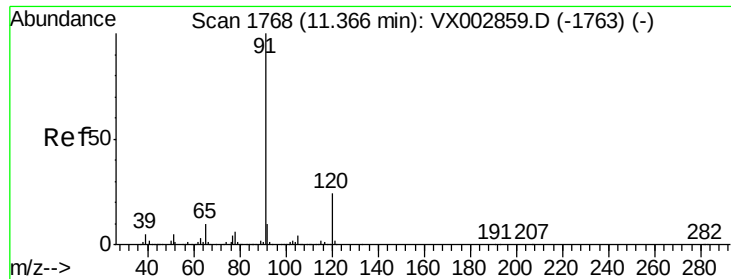
77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 5.97 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

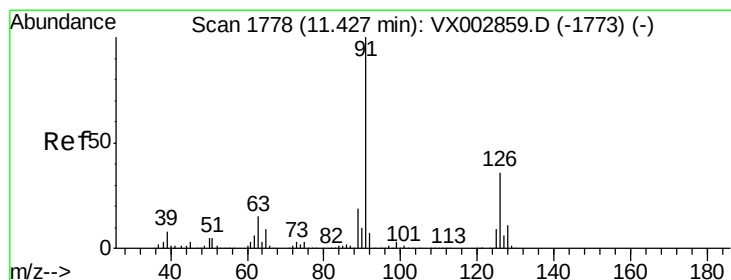
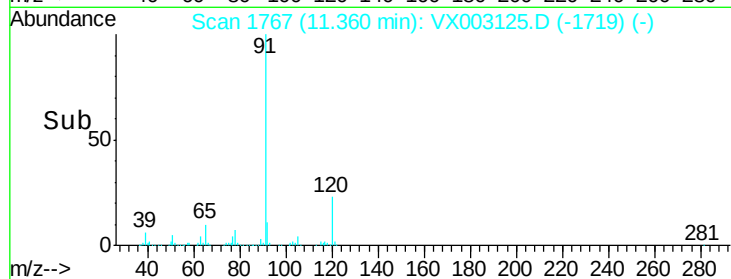
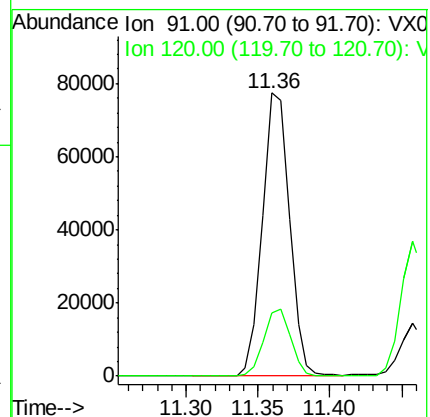
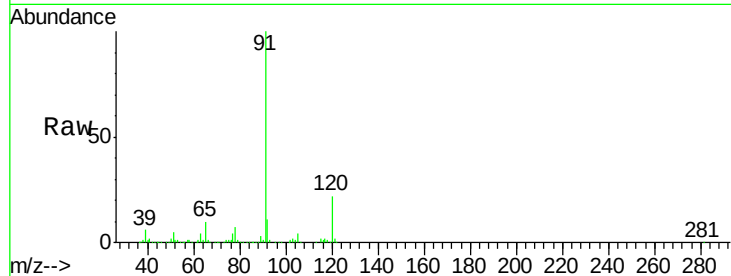
S22-0039DL

Tot Ion: 91 Resp: 100723

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#79

2-Chlorotoluene

Concen: 1.67 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. 0.03 min

Lab File: VX003125.D

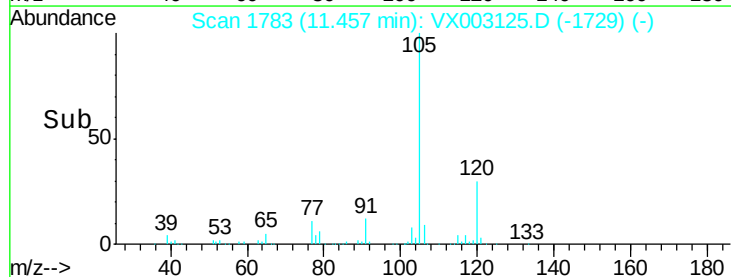
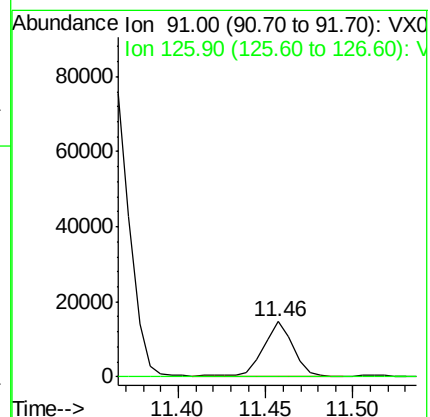
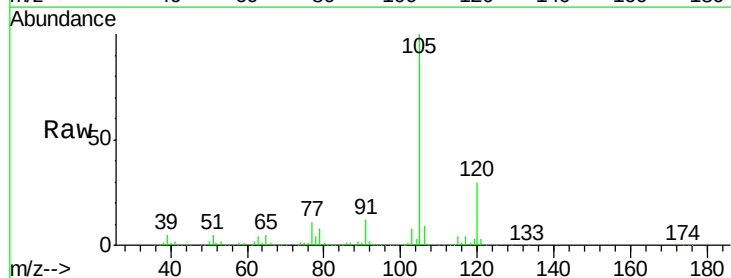
Acq: 02 Jul 2018 14:16

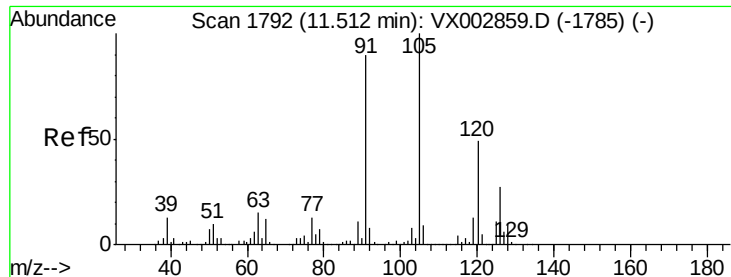
Tgt Ion: 91 Resp: 17016

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#

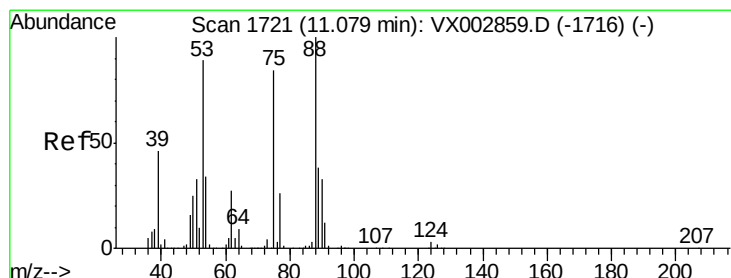
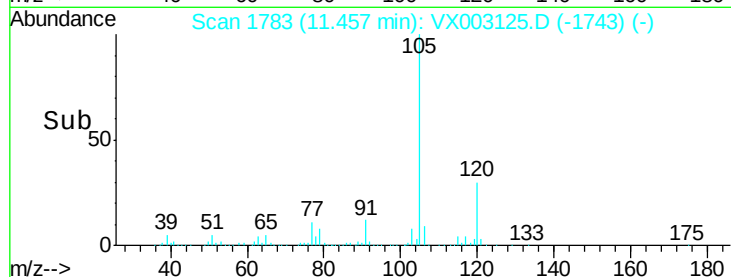
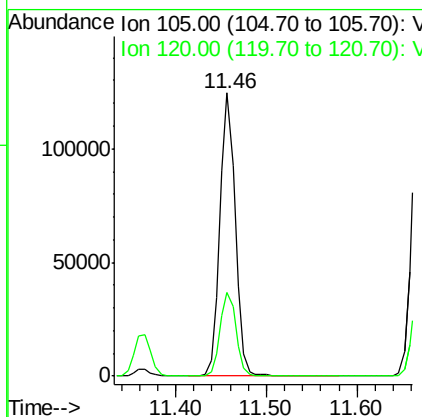
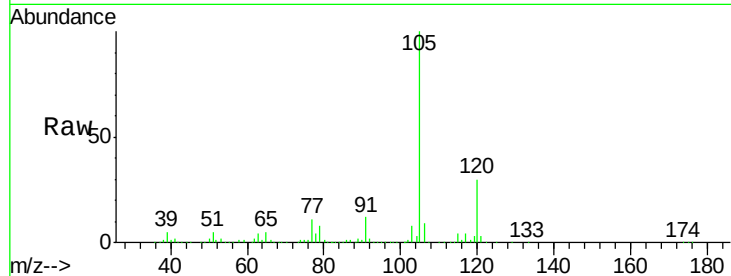




#80
 1,3,5-Trimethylbenzene
 Concen: 11.87 ug/l
 RT: 11.46 min Scan# 1783
 Delta R.T. -0.06 min
 Lab File: VX003125.D
 Acq: 02 Jul 2018 14:16

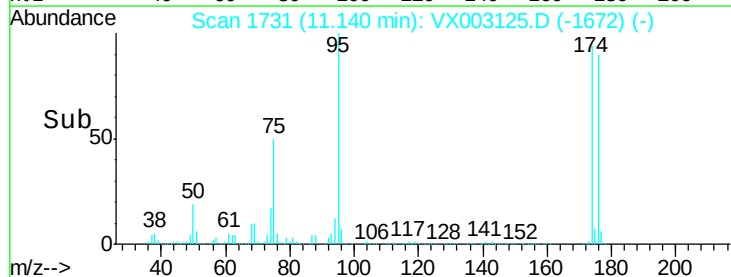
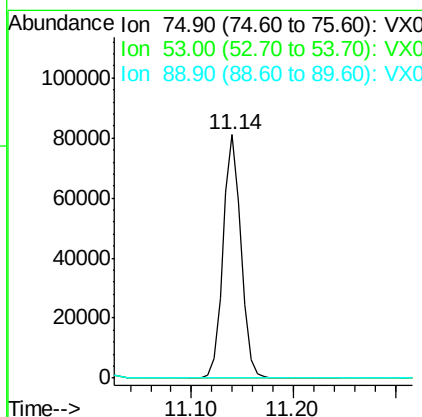
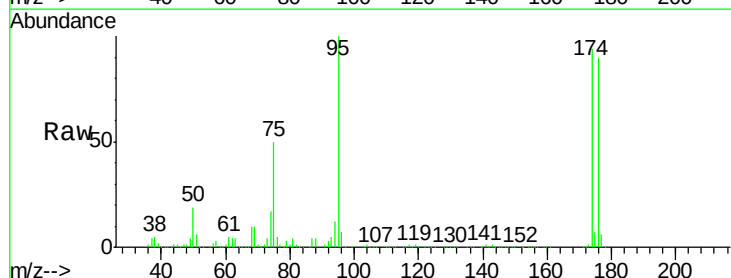
Instrument :
 MSVOA_X
 ClientSampled :
 S22-0039DL

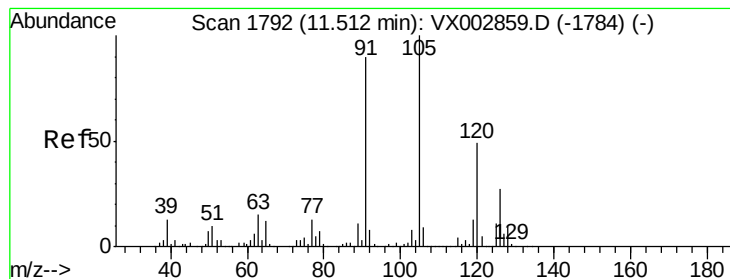
Tot Ion:105 Resp: 148226
 Ion Ratio Lower Upper
 105 100
 120 30.7 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.38 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003125.D
 Acq: 02 Jul 2018 14:16

Tgt Ion: 75 Resp: 98848
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#





#82

4-Chlorotoluene

Concen: 1.41 ug/l

RT: 11.46 min Scan# 1783

Delta R.T. -0.06 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

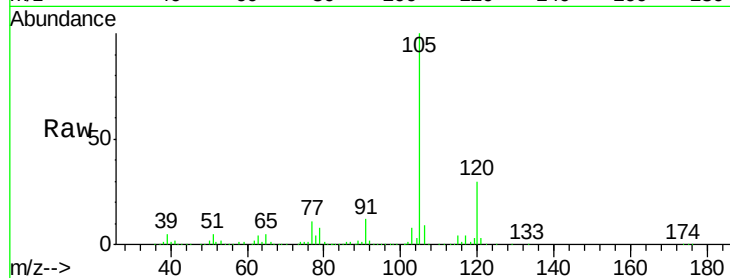
S22-0039DL

Tot Ion: 91 Resp: 17016

Ion Ratio Lower Upper

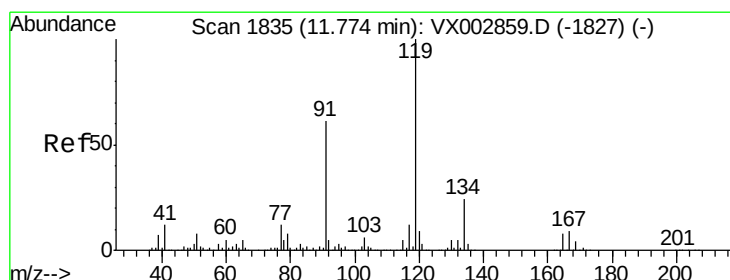
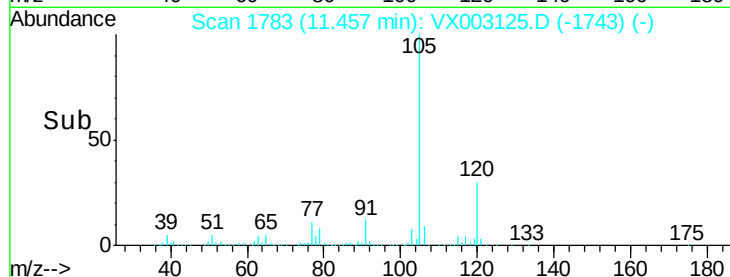
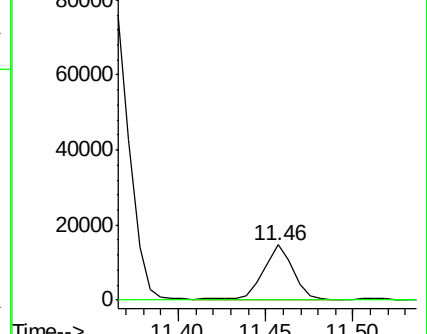
91 100

126 0.0 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 4.83 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

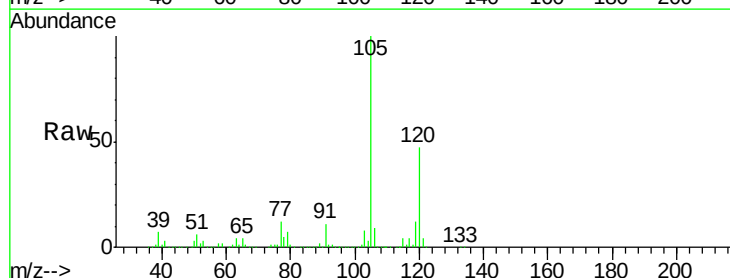
Tgt Ion: 119 Resp: 59456

Ion Ratio Lower Upper

119 100

91 85.8 30.3 90.9

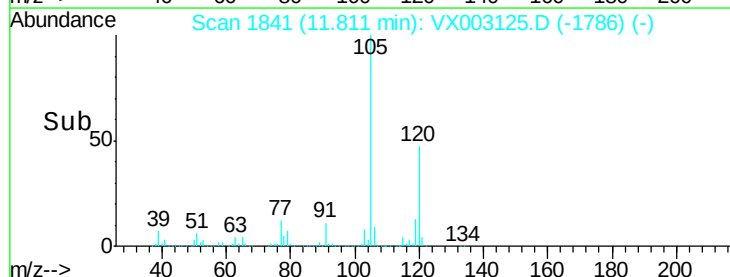
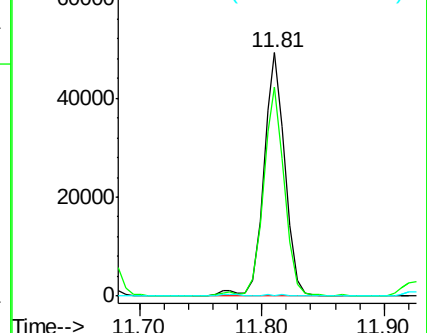
134 0.6 11.7 35.1#

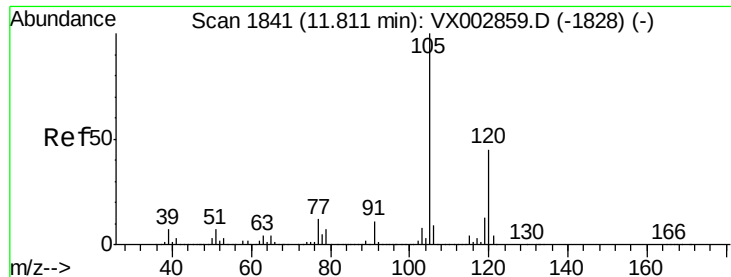


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

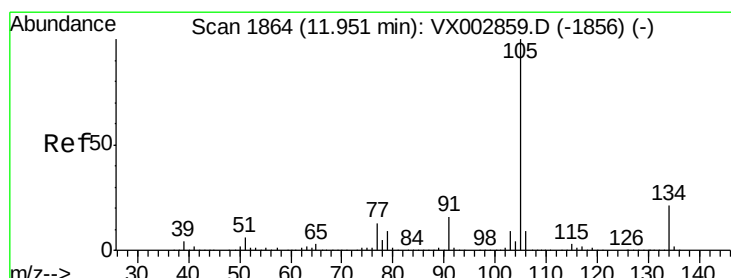
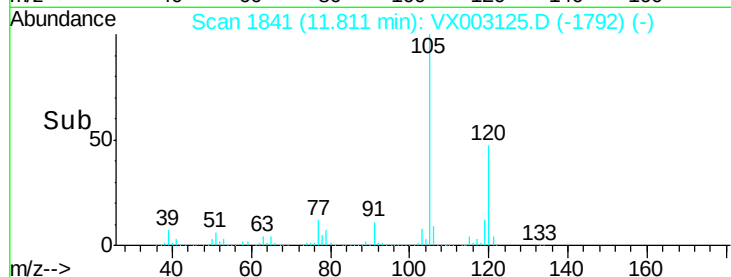
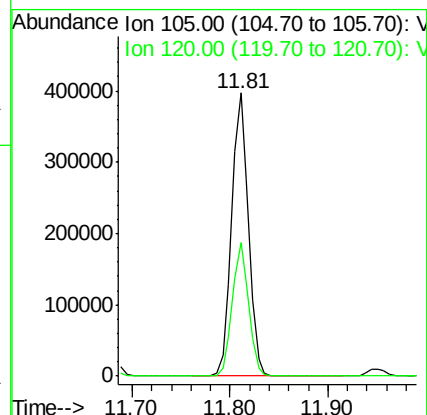
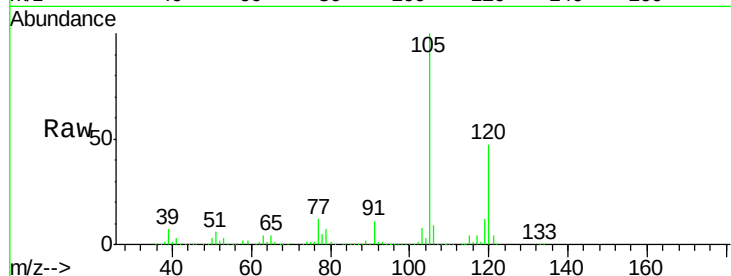




#84
1,2,4-Trimethylbenzene
Concen: 36.46 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

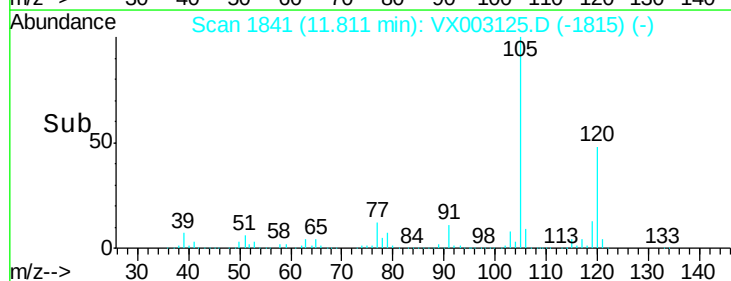
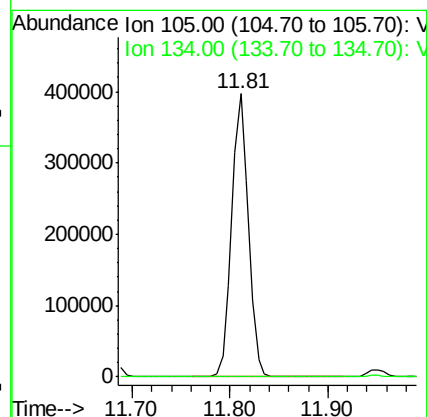
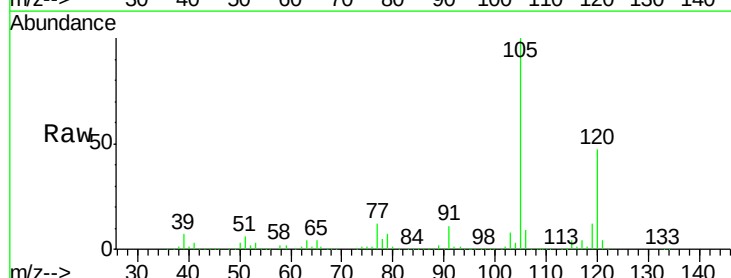
Instrument :
MSVOA_X
ClientSampled :
S22-0039DL

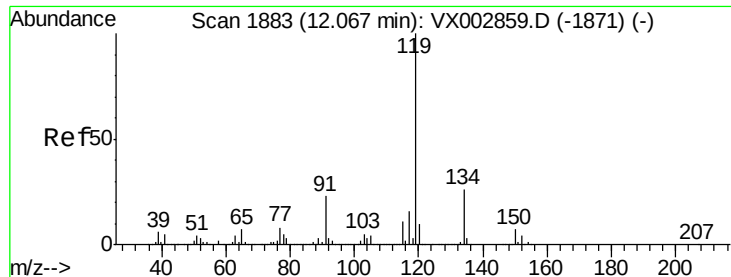
Tot Ion:105 Resp: 471661
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8



#85
sec-Butylbenzene
Concen: 31.58 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.14 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Tgt Ion:105 Resp: 471387
Ion Ratio Lower Upper
105 100
134 0.1 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 1.07 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

S22-0039DL

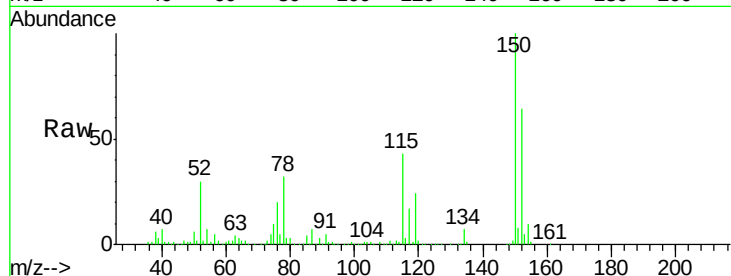
Tot Ion: 119 Resp: 14345

Ion Ratio Lower Upper

119 100

134 30.1 13.4 40.1

91 30.0 11.9 35.7

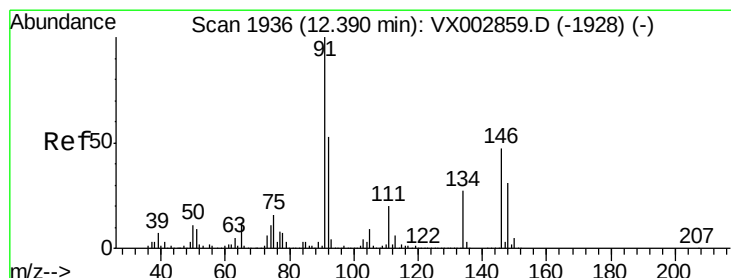
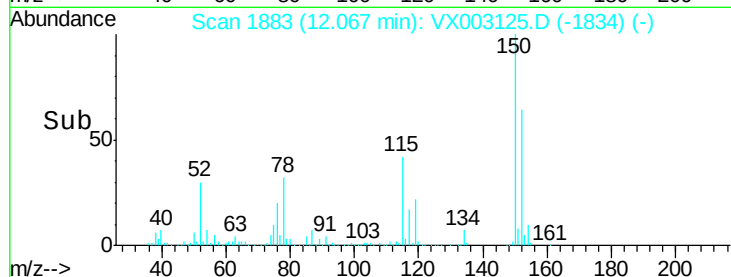


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#89

n-Butylbenzene

Concen: 0.62 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

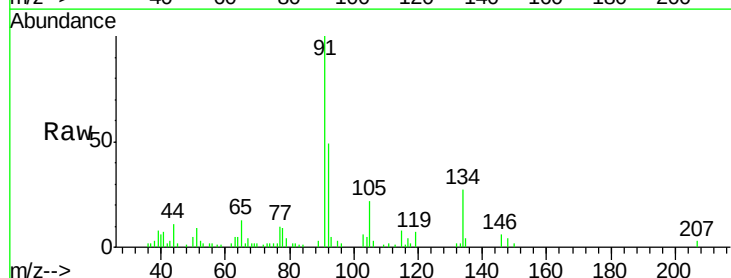
Tgt Ion: 91 Resp: 7216

Ion Ratio Lower Upper

91 100

92 41.7 26.0 78.0

134 68.0 13.5 40.5#

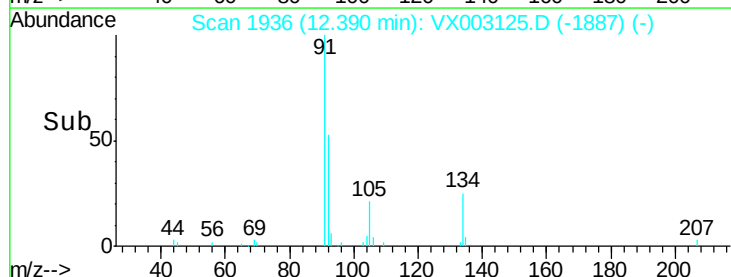


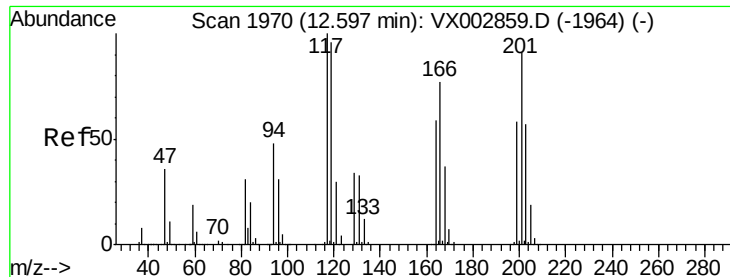
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

Time-->





#90

Hexachloroethane

Concen: 1.20 ug/l

RT: 12.58 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

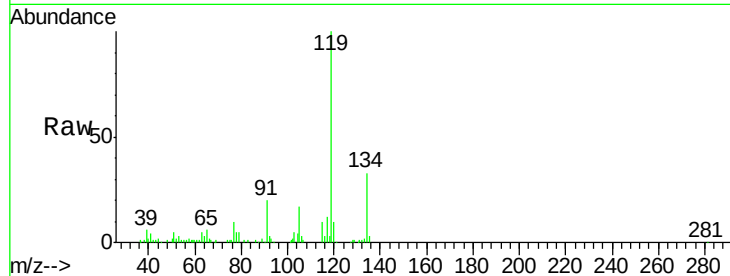
S22-0039DL

Tot Ion:117 Resp: 2392

Ion Ratio Lower Upper

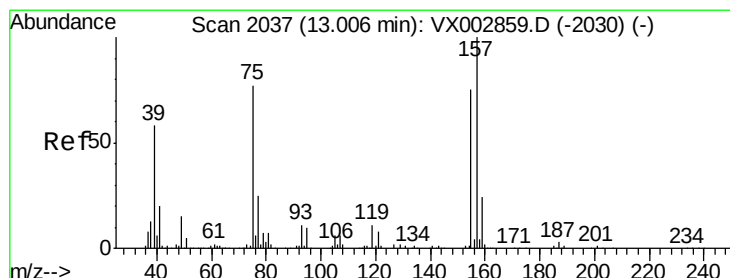
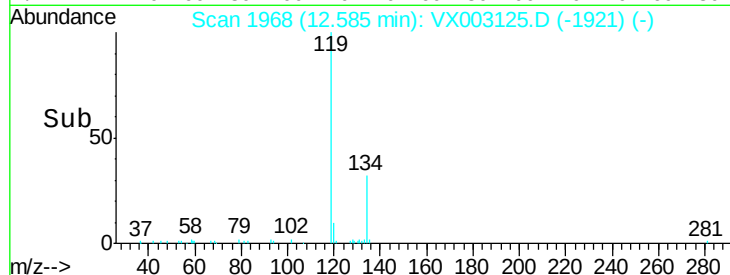
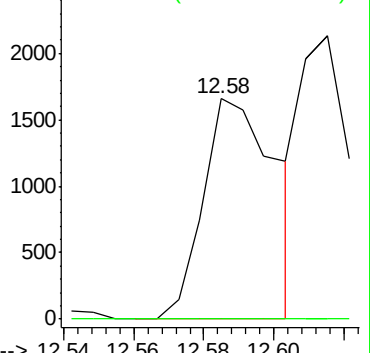
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.37 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX003125.D

Acq: 02 Jul 2018 14:16

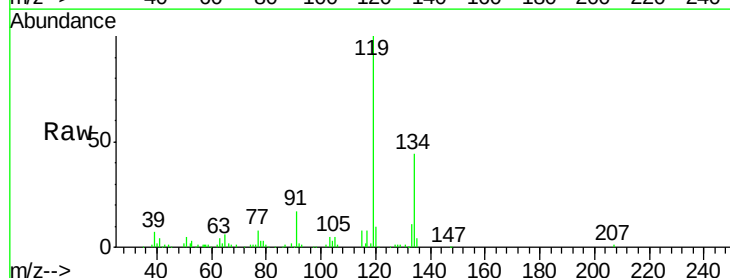
Tgt Ion: 75 Resp: 376

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

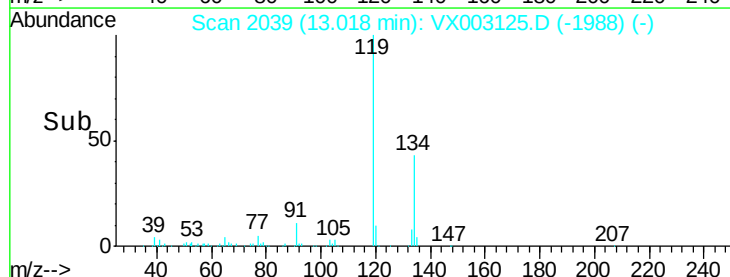
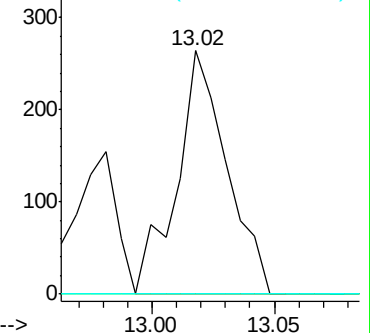
157 0.0 60.1 180.3#

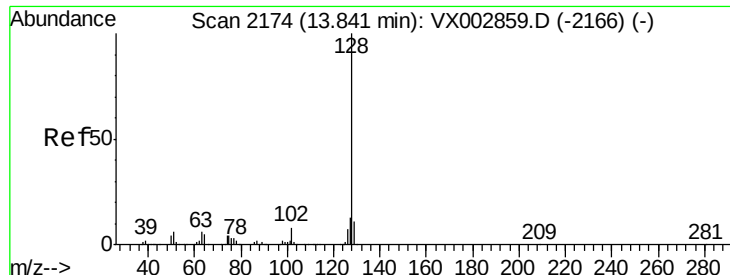


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

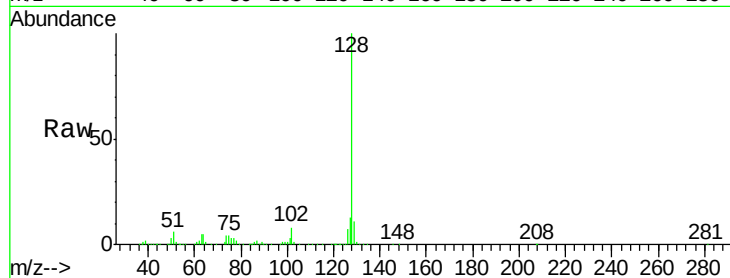




#95
Naphthalene
Concen: 8.15 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003125.D
Acq: 02 Jul 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
S22-0039DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	8.6	13.0



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

