

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
 Data File : VX005134.D
 Acq On : 08 Oct 2018 18:16
 Operator : JC/MD
 Sample : J5284-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001

Quant Time: Oct 09 05:56:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144749	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	5.50	113	122726	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	8.72	98	451049	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.14	95	162913	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1356	0.512	ug/l	90
5) Bromomethane	1.65	94	458	0.256	ug/l #	67
7) Trichlorofluoromethane	1.93	101	914	0.245	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25085	11.811	ug/l	99
11) Tert butyl alcohol	3.03	59	4339	5.596	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	12185	5.793	ug/l	96
13) Acrolein	2.27	56	358	0.649	ug/l #	1
16) Acetone	2.45	43	7179	4.434	ug/l	93
20) Methylene Chloride	2.85	84	657	Below Cal	#	93
21) trans-1,2-Dichloroethene	3.17	96	483	0.210	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	4152	0.901	ug/l	96
25) 2-Butanone	4.71	43	1199	0.502	ug/l #	76
27) cis-1,2-Dichloroethene	4.60	96	12067	4.691	ug/l	95
29) Tetrahydrofuran	5.18	42	984	0.663	ug/l #	86
30) Chloroform	5.21	83	2323	0.533	ug/l	89
31) Cyclohexane	5.59	56	1000	0.283	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	1661	0.467	ug/l #	49
36) 1,1-Dichloropropene	5.67	75	13482	3.776	ug/l #	46
38) Carbon Tetrachloride	5.78	117	1118	0.298	ug/l #	73
39) Methylcyclohexane	7.46	83	793	0.217	ug/l #	79
42) 1,2-Dichloroethane	6.20	62	895	0.226	ug/l #	73
44) Trichloroethene	7.21	130	452464	164.649	ug/l	98
49) 1,4-Dioxane	7.76	88	2045	26.510	ug/l #	94
55) 1,1,2-Trichloroethane	9.22	97	1335	0.496	ug/l	92
56) Ethyl methacrylate	9.20	69	25	2.867	ug/l #	1
60) Dibromochloromethane	9.34	129	1091	0.405	ug/l #	10
64) Tetrachloroethene	9.34	164	1217	0.403	ug/l #	88
67) Ethyl Benzene	10.26	91	9026	0.723	ug/l #	88
68) m/p-Xylenes	10.36	106	3846	0.788	ug/l	95
70) Styrene	10.71	104	160	2.159	ug/l #	37
74) N-amyl acetate	10.91	43	54	1.756	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	80473	20.552	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1380	Below Cal		100
81) trans-1,4-Dichloro-2-buten	11.14	75	80473	55.812	ug/l #	10

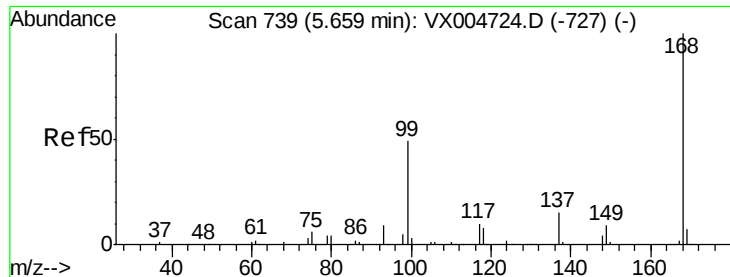
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
Data File : VX005134.D
Acq On : 08 Oct 2018 18:16
Operator : JC/MD
Sample : J5284-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

Quant Time: Oct 09 05:56:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	4331	0.219	ug/l	96
95) Naphthalene	13.83	128	8445	1.292	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

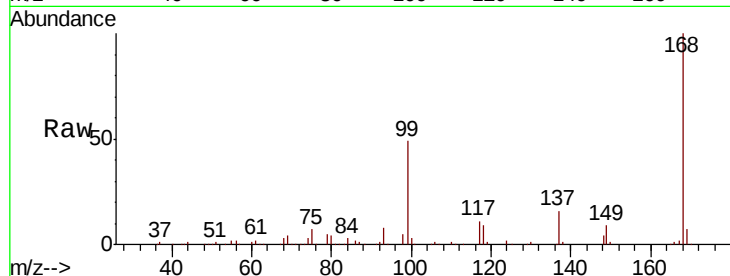
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

Tot Ion:168 Resp: 194122

Ion Ratio Lower Upper

168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

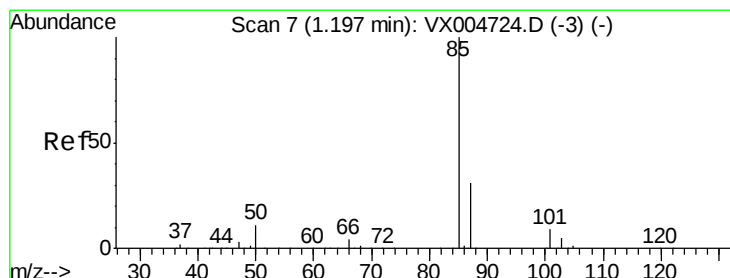
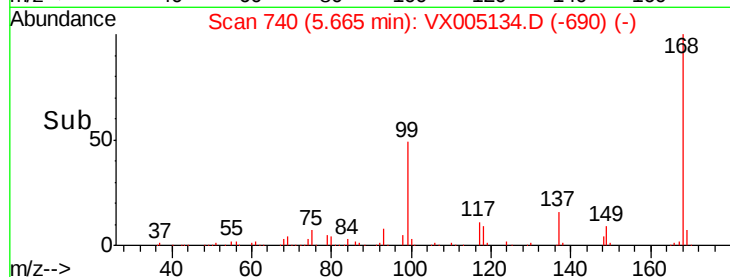
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.512 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005134.D

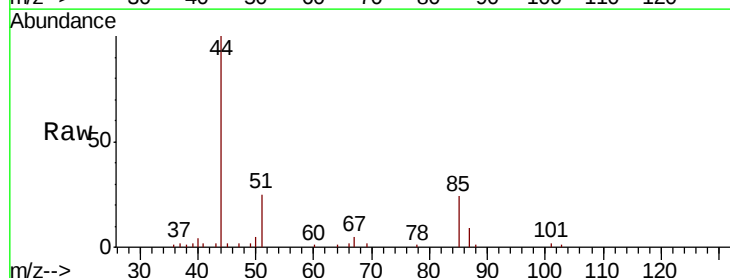
Acq: 08 Oct 2018 18:16

Tgt Ion: 85 Resp: 1356

Ion Ratio Lower Upper

85 100

87 36.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

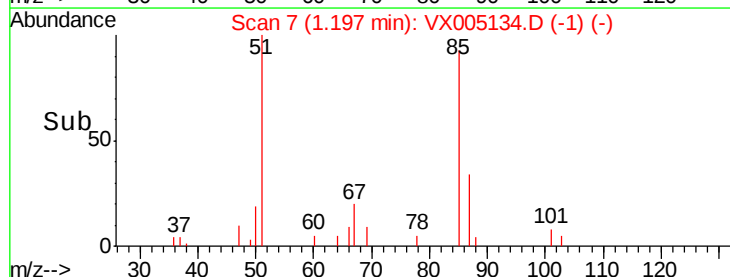
1500

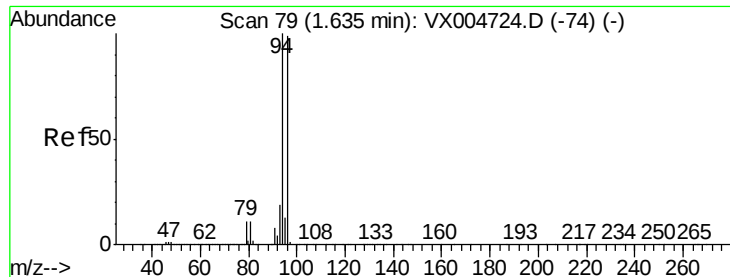
1000

500

0

Time--> 1.20 1.25





#5

Bromomethane

Concen: 0.256 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

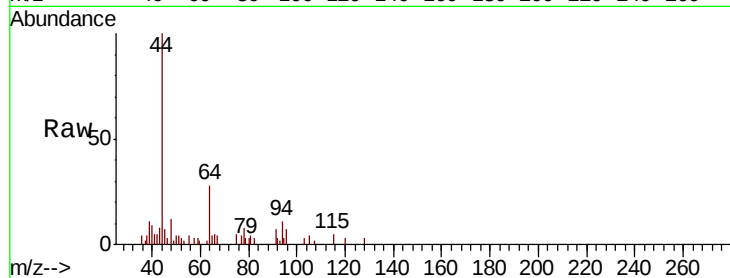
RE-125D2-2018001

Tot Ion: 94 Resp: 458

Ion Ratio Lower Upper

94 100

96 66.0 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

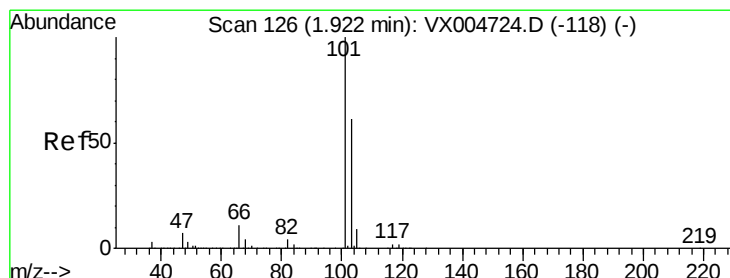
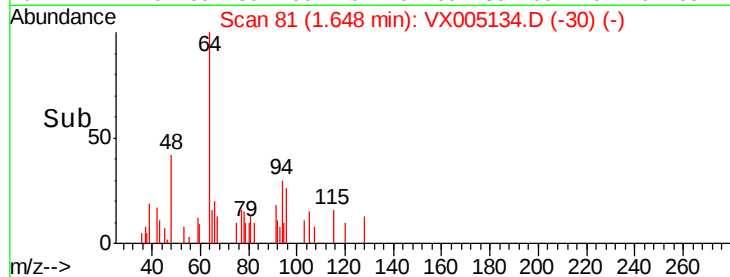
150

100

50

0

Time-->



#7

Trichlorofluoromethane

Concen: 0.245 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX005134.D

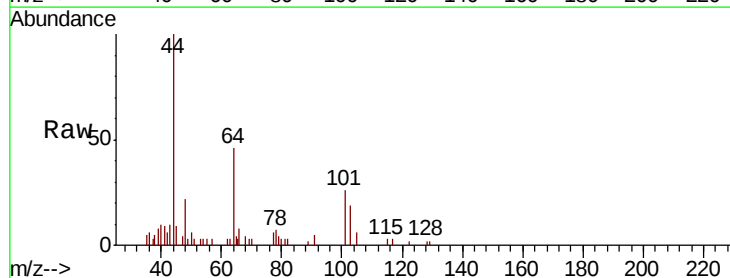
Acq: 08 Oct 2018 18:16

Tgt Ion: 101 Resp: 914

Ion Ratio Lower Upper

101 100

103 72.3 48.4 72.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

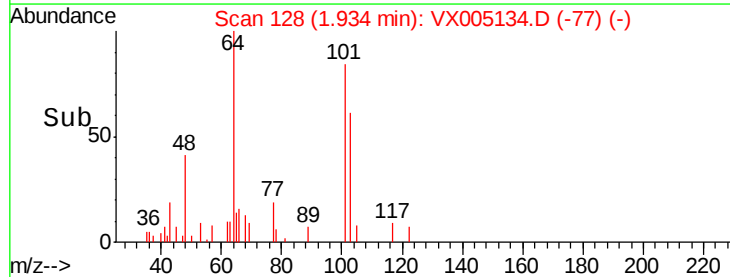
600

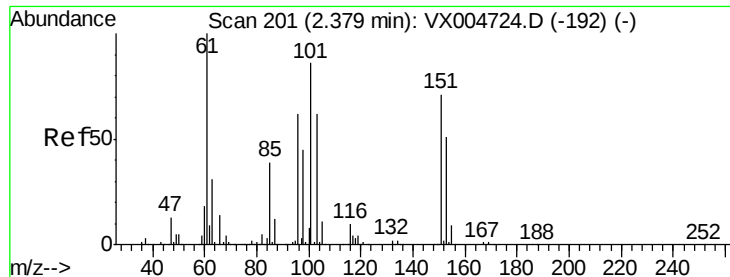
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.811 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

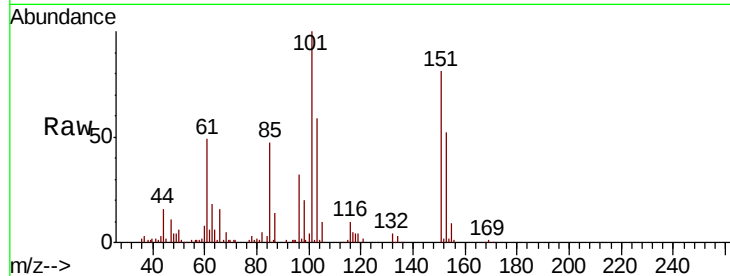
Tot Ion:101 Resp: 25085

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

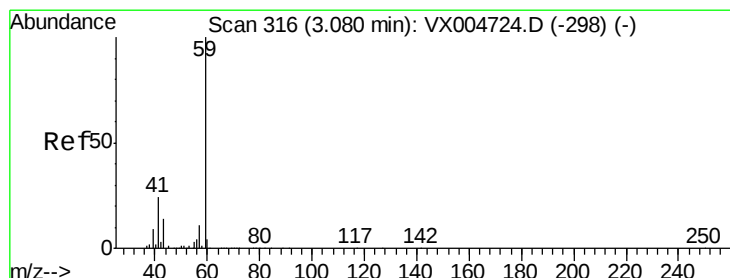
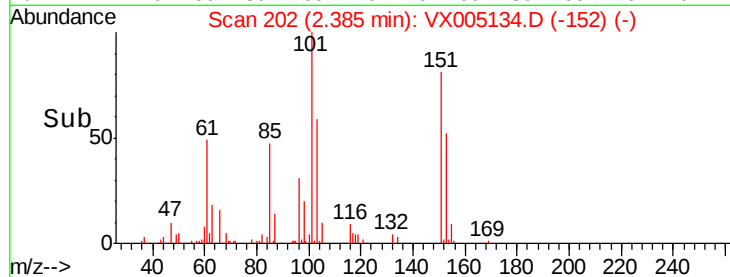
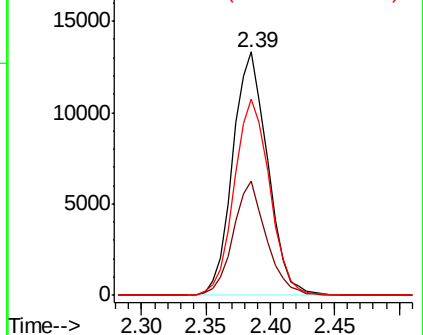
151 81.9 66.6 100.0



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



#11

Tert butyl alcohol

Concen: 5.596 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX005134.D

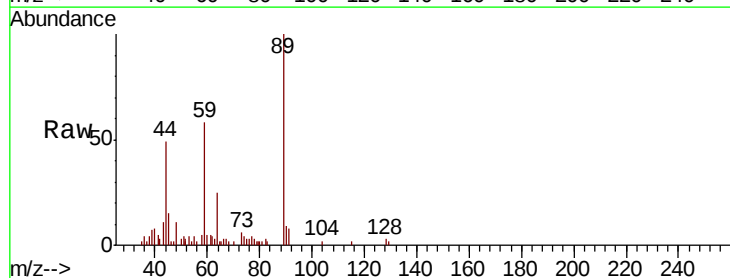
Acq: 08 Oct 2018 18:16

Tgt Ion: 59 Resp: 4339

Ion Ratio Lower Upper

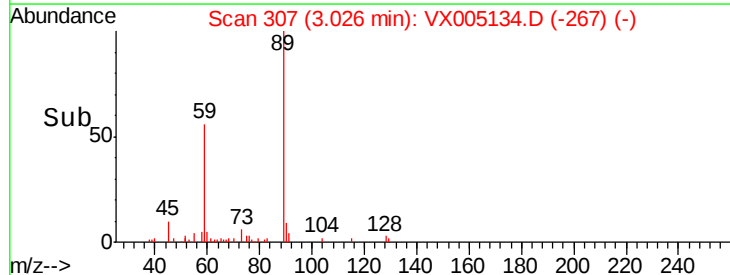
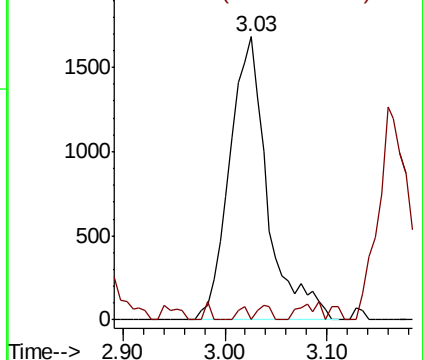
59 100

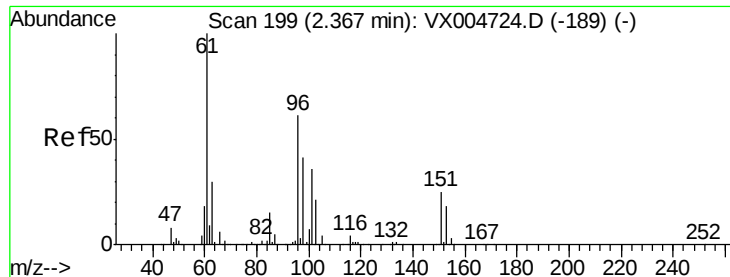
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 5.793 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

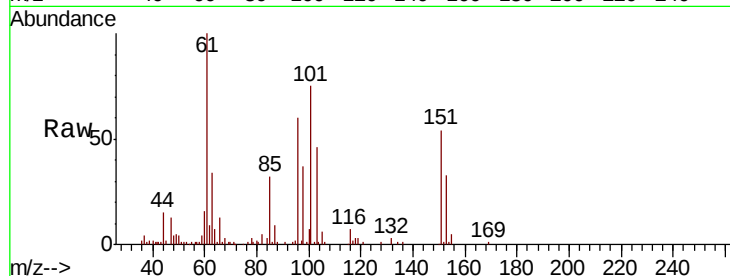
Tot Ion: 96 Resp: 12185

Ion Ratio Lower Upper

96 100

61 165.9 130.2 195.4

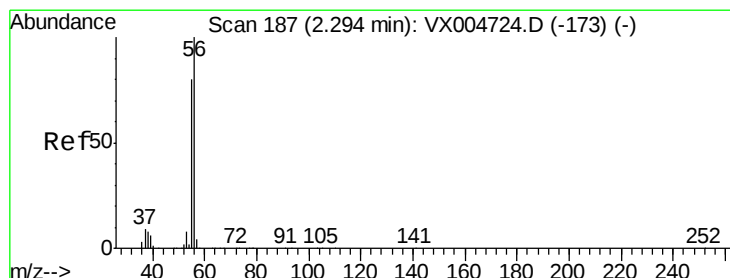
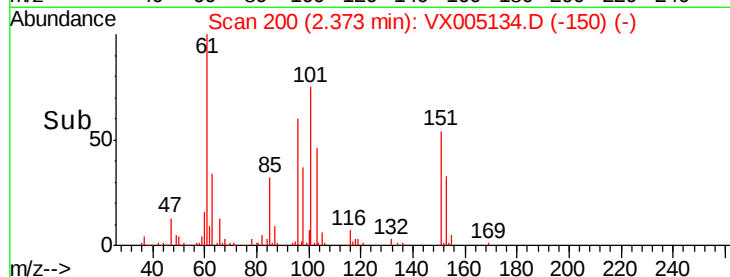
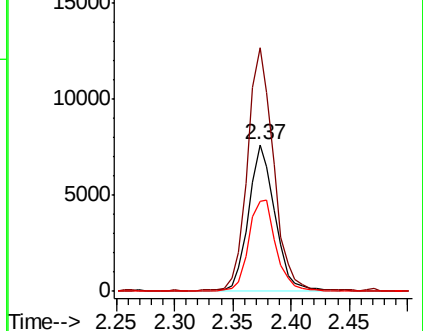
98 61.0 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 0.649 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX005134.D

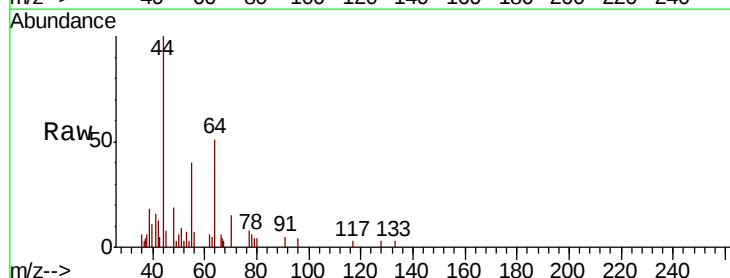
Acq: 08 Oct 2018 18:16

Tgt Ion: 56 Resp: 358

Ion Ratio Lower Upper

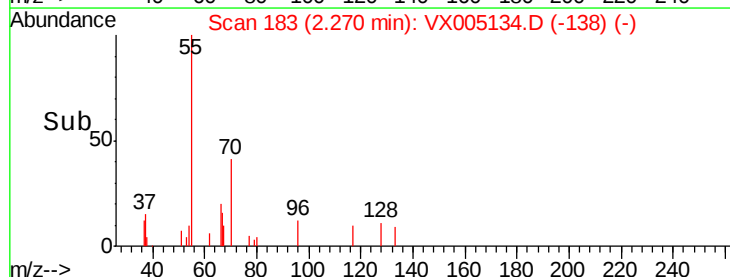
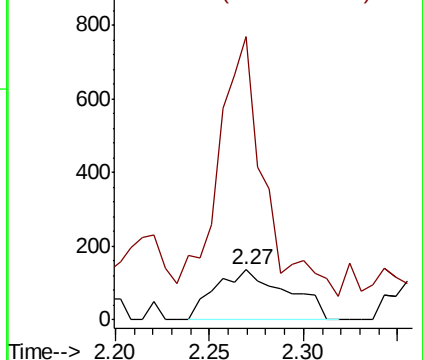
56 100

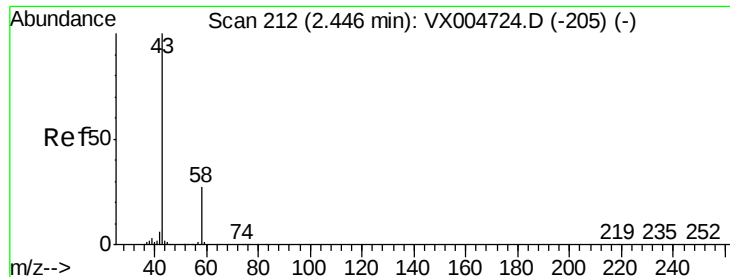
55 421.8 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 4.434 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

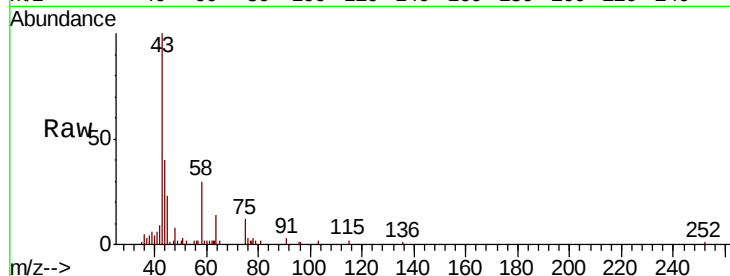
RE-125D2-2018001

Tot Ion: 43 Resp: 7179

Ion Ratio Lower Upper

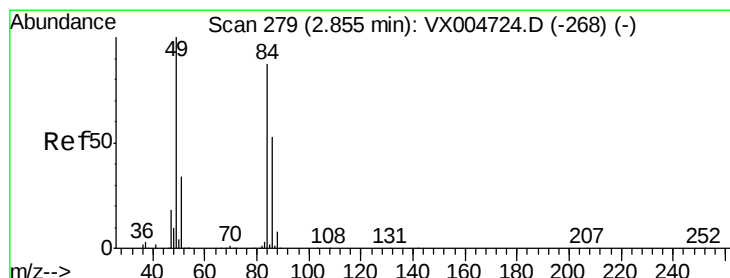
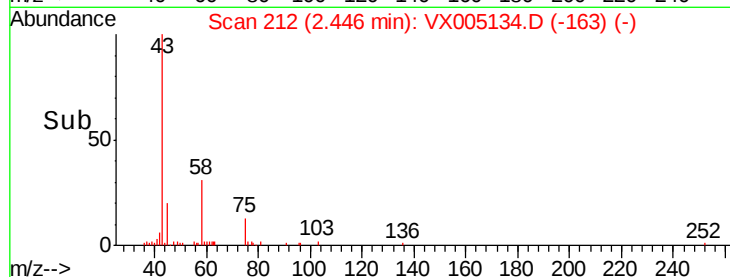
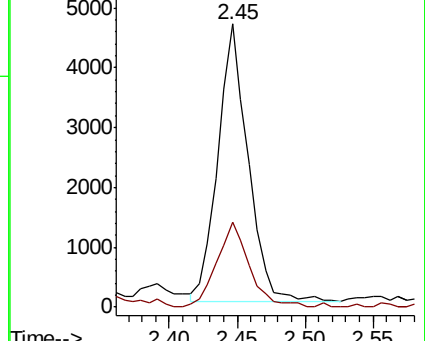
43 100

58 30.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Tgt Ion: 84 Resp: 657

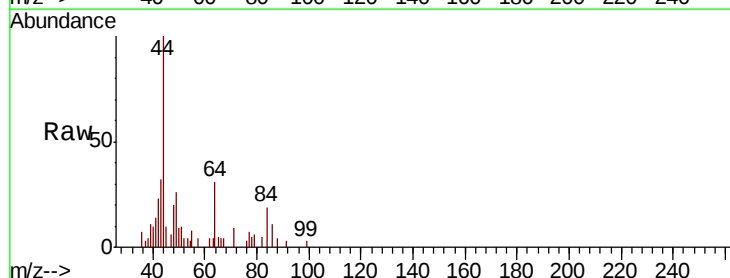
Ion Ratio Lower Upper

84 100

49 119.7 92.3 138.5

51 25.4 31.8 47.6#

86 59.6 48.5 72.7

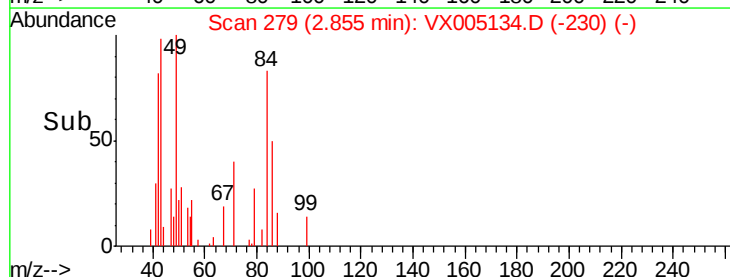
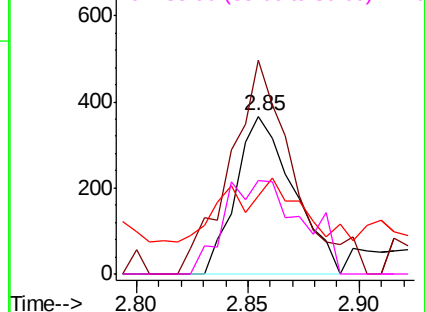


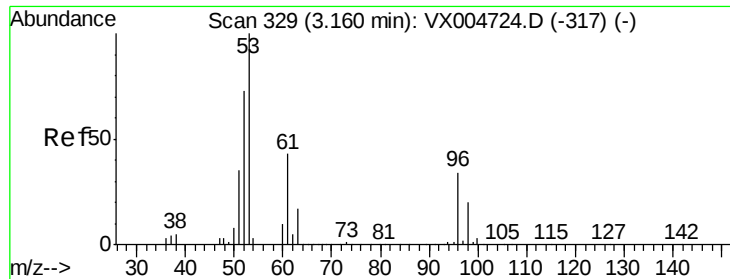
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.210 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

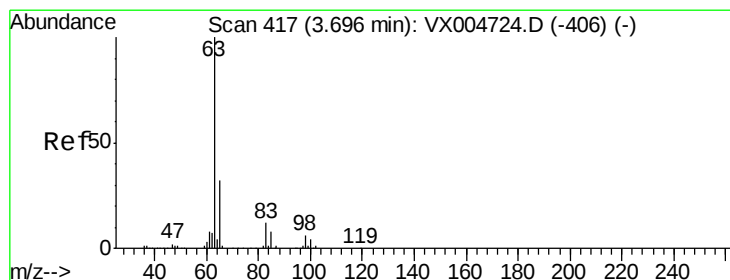
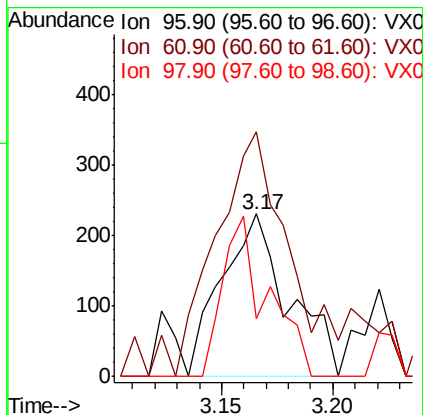
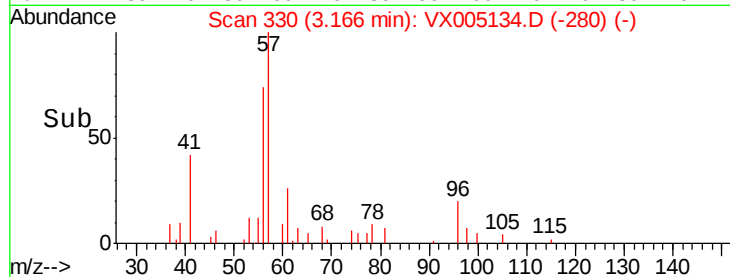
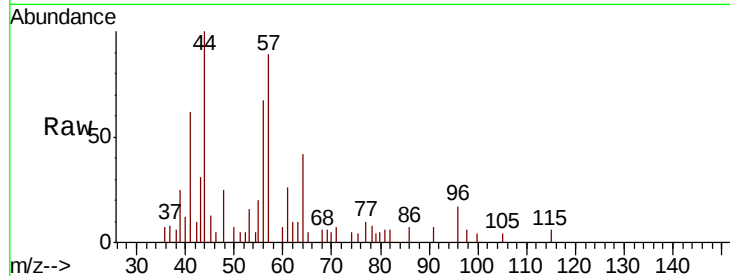
Tot Ion: 96 Resp: 483

Ion Ratio Lower Upper

96 100

61 129.1 101.0 151.6

98 35.2 47.2 70.8#



#24

1,1-Dichloroethane

Concen: 0.901 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

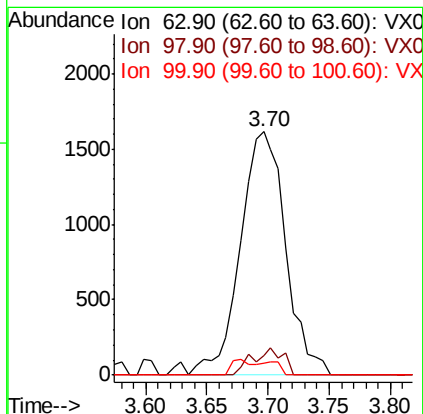
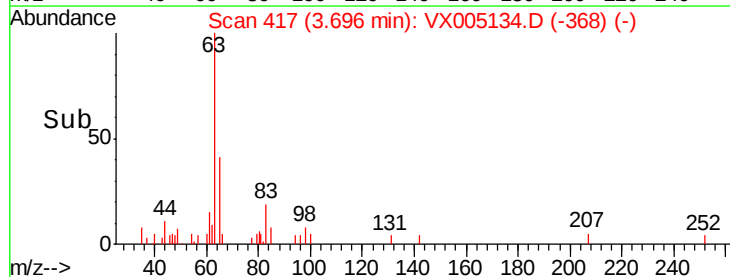
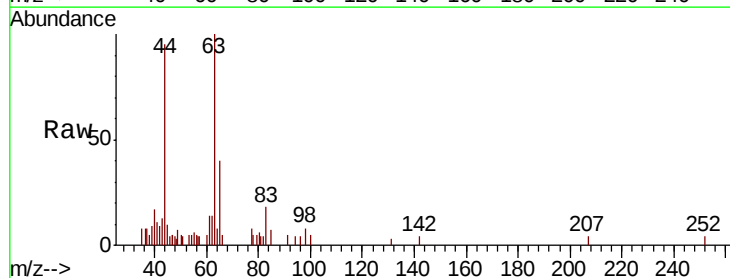
Tgt Ion: 63 Resp: 4152

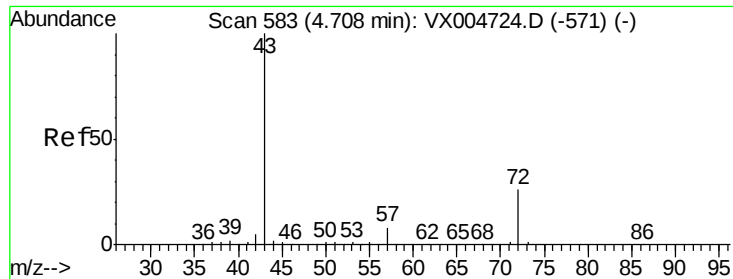
Ion Ratio Lower Upper

63 100

98 8.0 3.0 9.2

100 4.6 2.0 5.8





#25

2-Butanone

Concen: 0.502 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

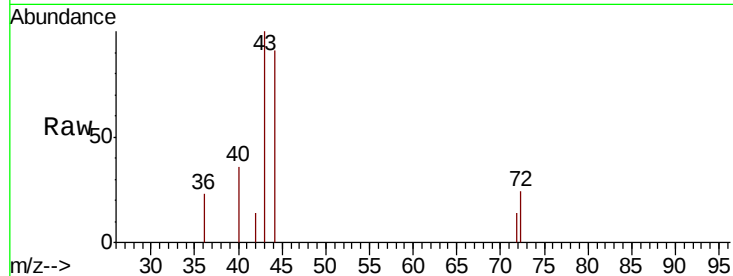
RE-125D2-2018001

Tot Ion: 43 Resp: 1199

Ion Ratio Lower Upper

43 100

72 38.0 20.8 31.2#

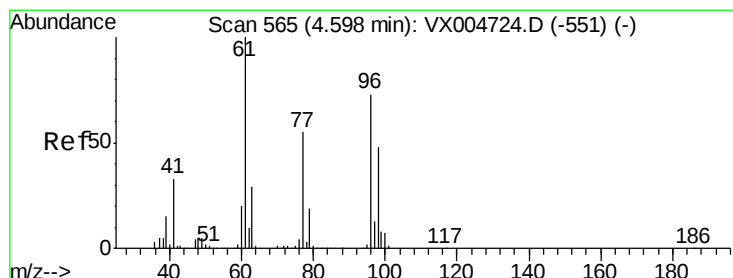
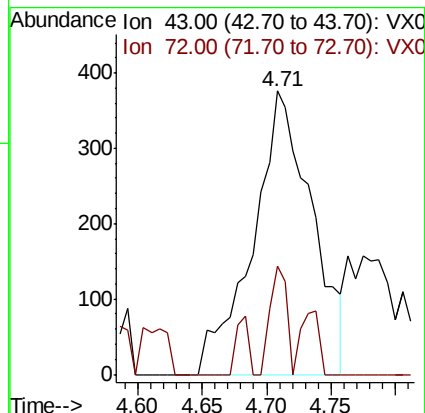
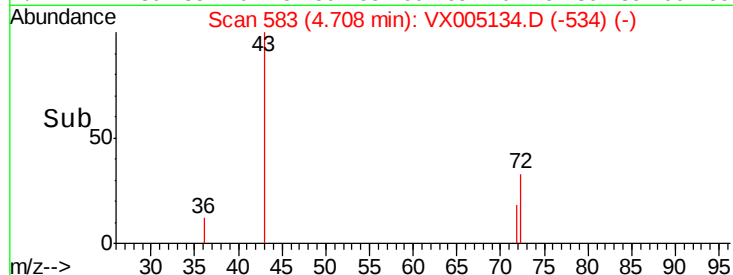


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

4.75



#27

cis-1,2-Dichloroethene

Concen: 4.691 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

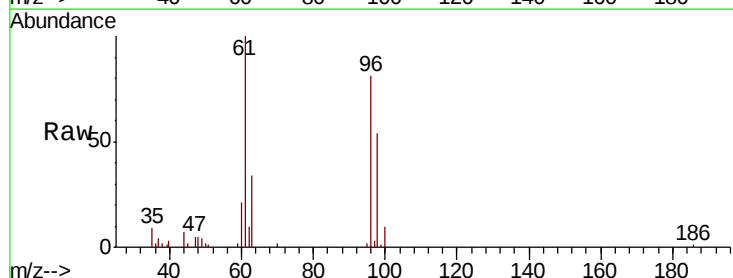
Tgt Ion: 96 Resp: 12067

Ion Ratio Lower Upper

96 100

61 135.2 0.0 285.8

98 65.3 0.0 136.2



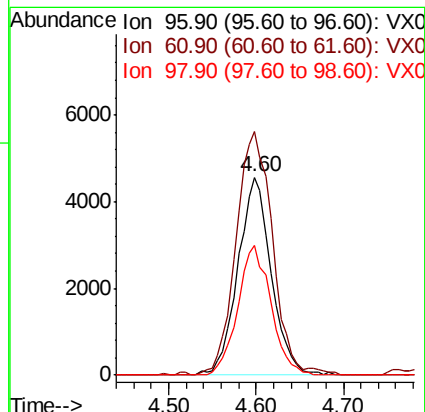
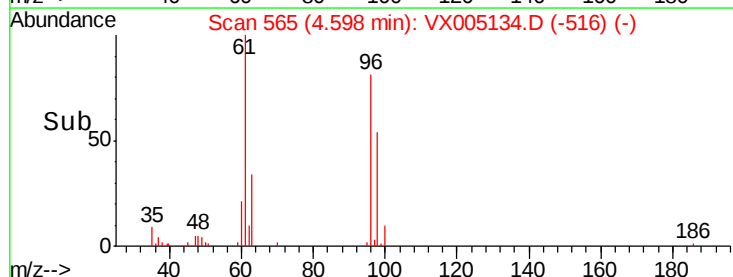
Abundance Ion 95.90 (95.60 to 96.60): VX0

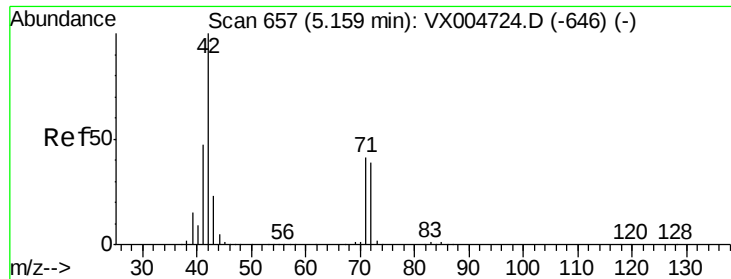
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

4.70

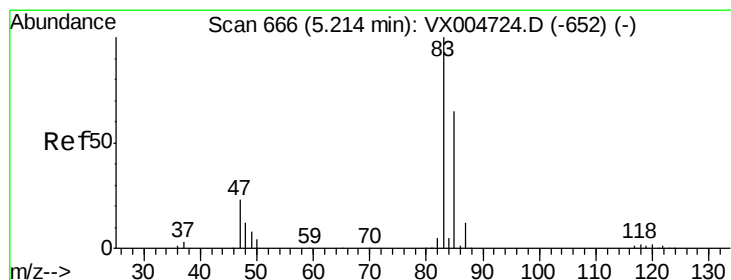
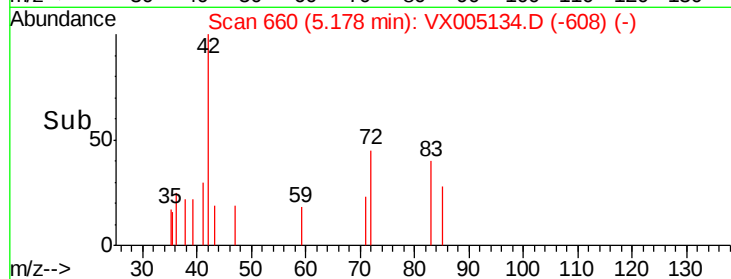
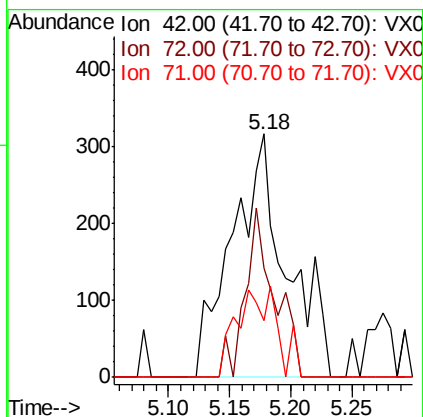
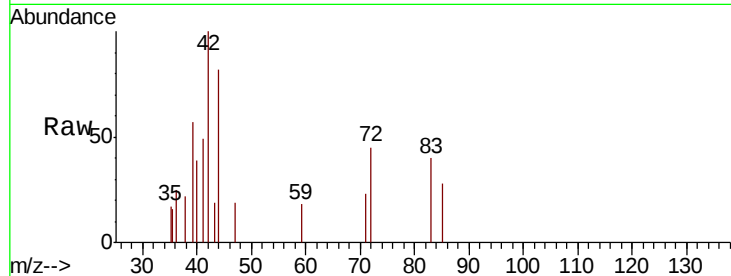




#29
Tetrahydrofuran
Concen: 0.663 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

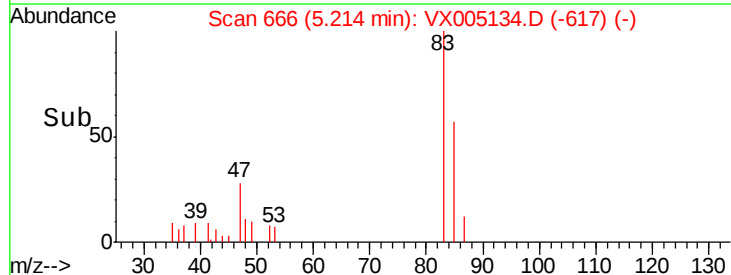
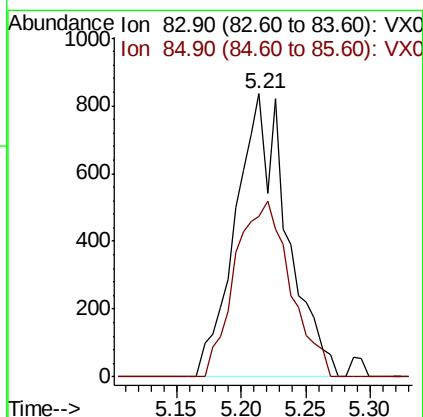
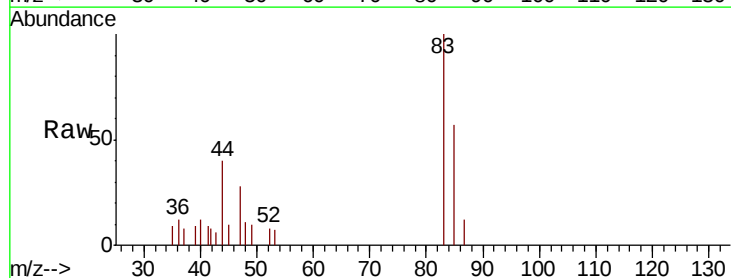
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

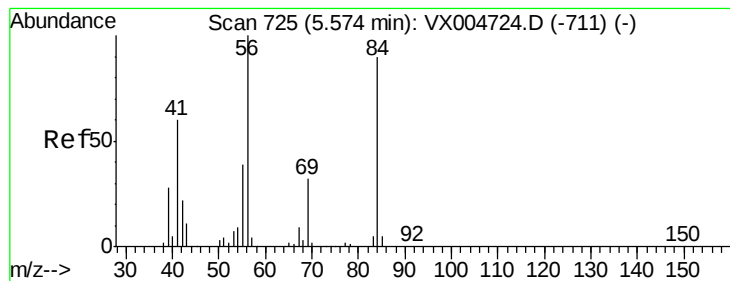
Tot Ion: 42 Resp: 984
Ion Ratio Lower Upper
42 100
72 37.2 33.7 50.5
71 27.1 32.2 48.4#



#30
Chloroform
Concen: 0.533 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Tgt Ion: 83 Resp: 2323
Ion Ratio Lower Upper
83 100
85 56.6 52.4 78.6





#31

Cyclohexane

Concen: 0.283 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

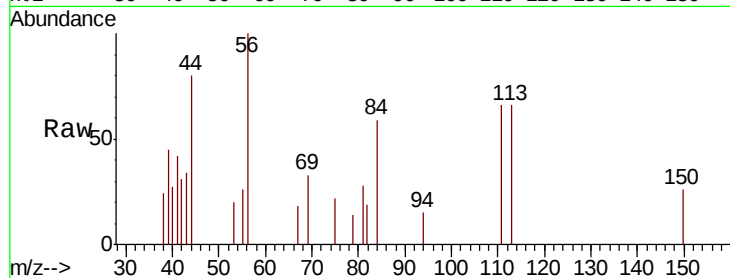
Tot Ion: 56 Resp: 1000

Ion Ratio Lower Upper

56 100

69 32.8 25.9 38.9

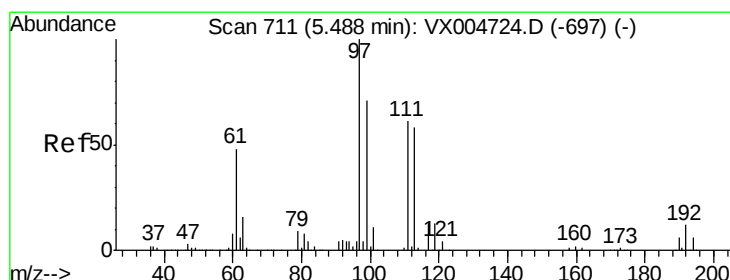
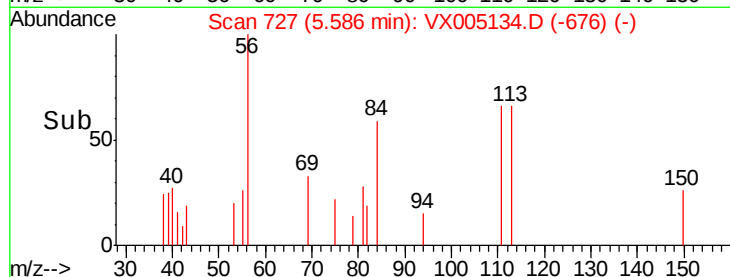
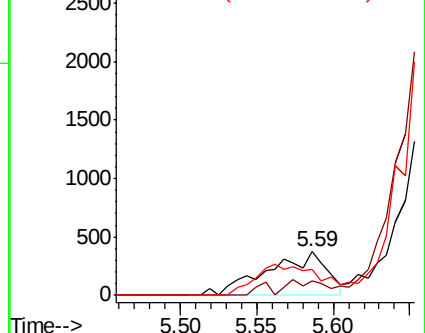
84 59.4 71.9 107.9#



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: 0.467 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

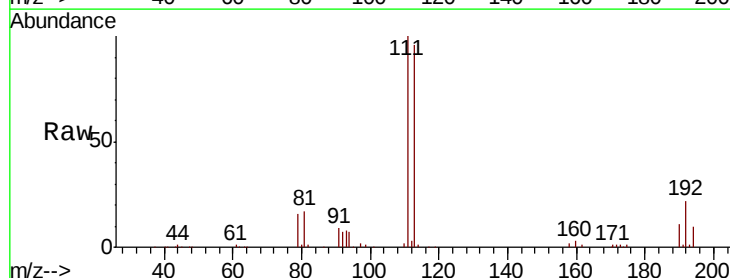
Tgt Ion: 97 Resp: 1661

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

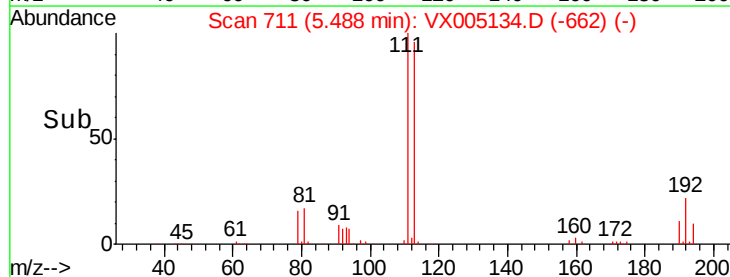
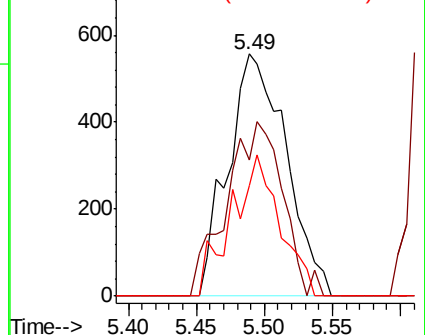
61 48.6 37.5 56.3

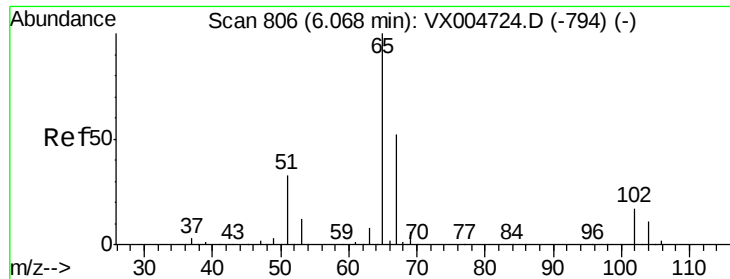


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

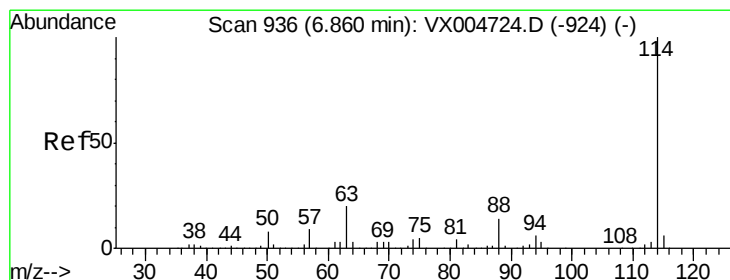
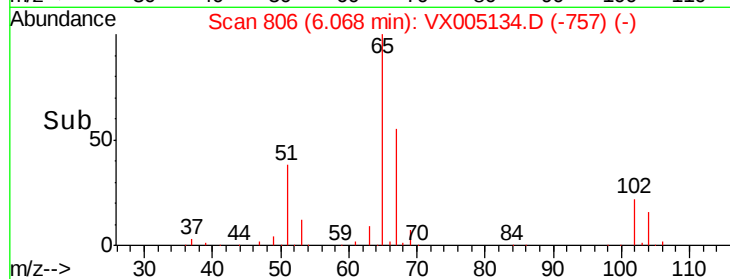
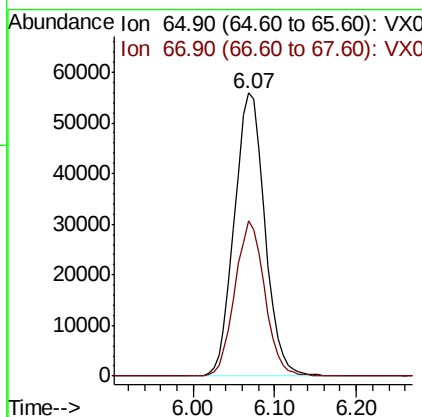
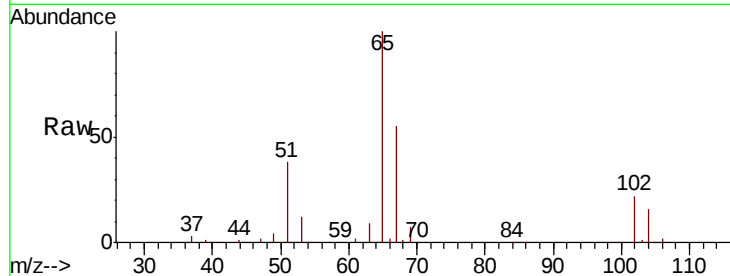




#33
 1,2-Dichloroethane-d4
 Concen: 52.199 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

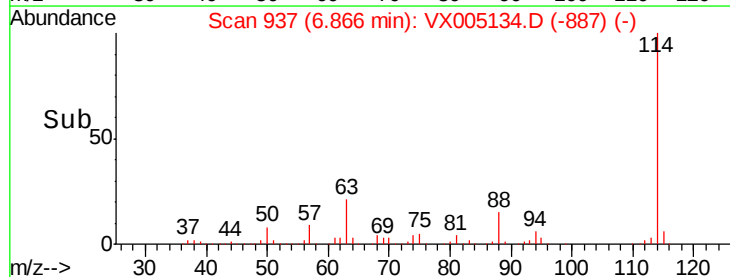
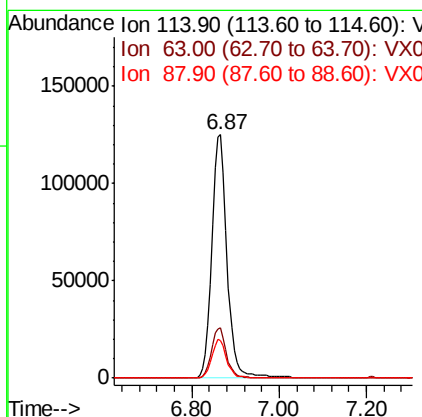
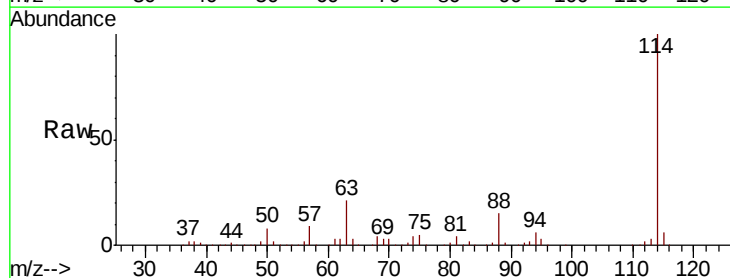
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001

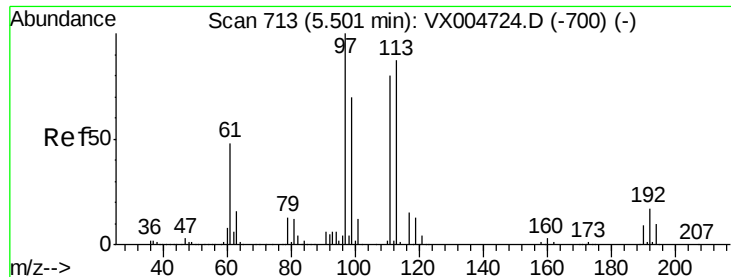
Tot Ion: 65 Resp: 144749
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

Tgt Ion: 114 Resp: 308794
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.8
 88 15.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 46.894 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

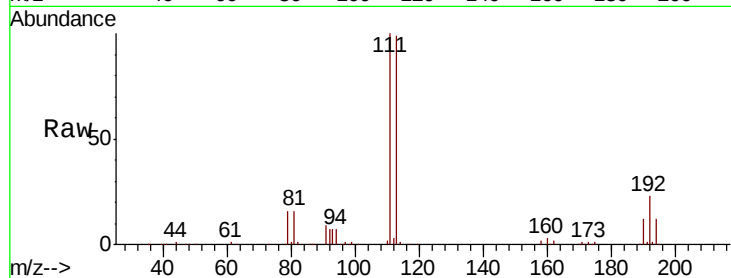
Tot Ion:113 Resp: 122726

Ion Ratio Lower Upper

113 100

111 103.7 77.0 115.4

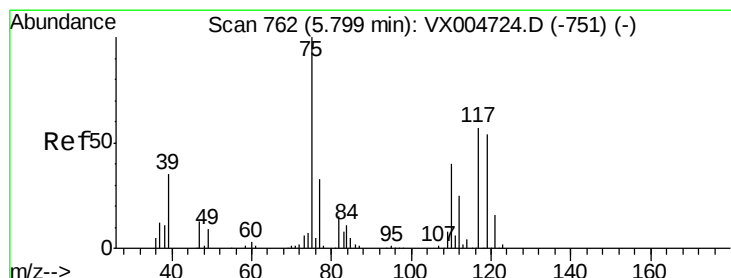
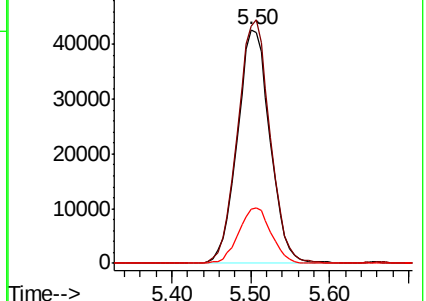
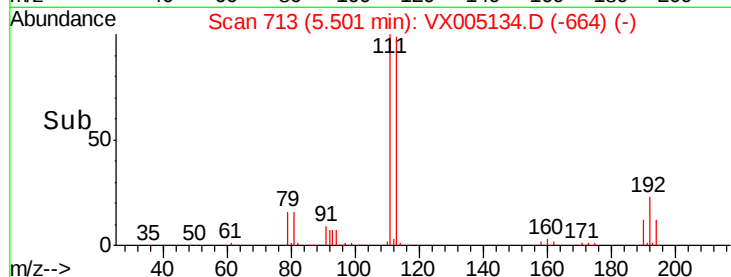
192 23.6 17.0 25.6



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: 3.776 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

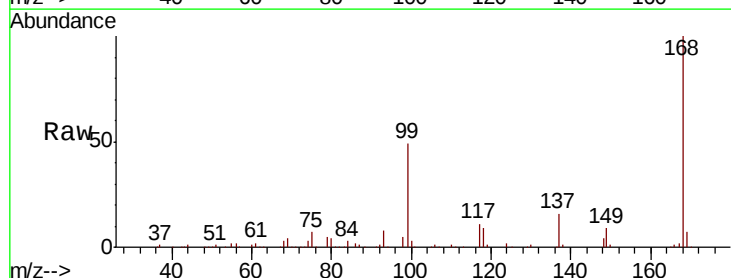
Tgt Ion: 75 Resp: 13482

Ion Ratio Lower Upper

75 100

110 9.3 20.0 59.9#

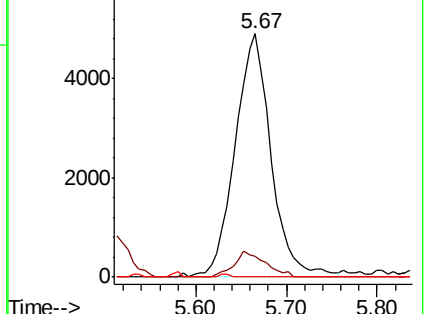
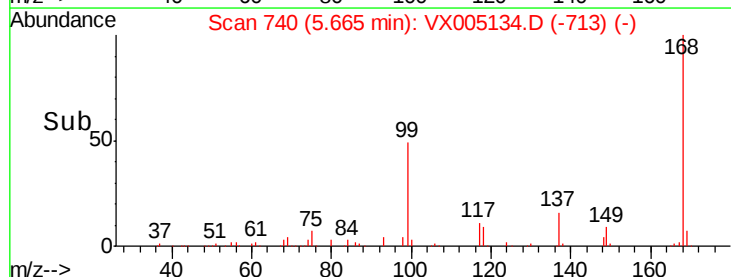
77 0.0 27.1 40.7#

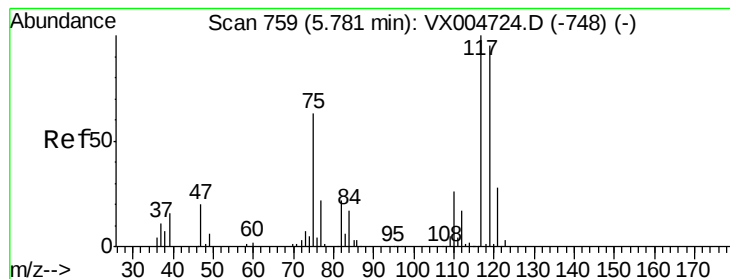


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 0.298 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

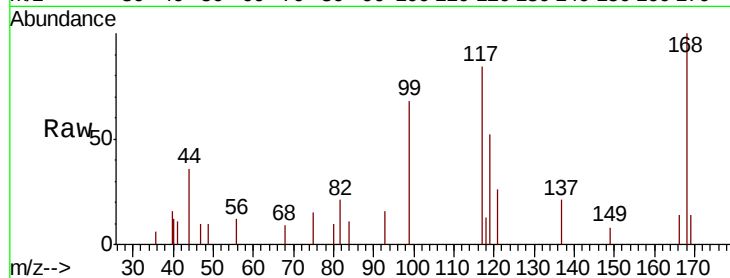
Tot Ion:117 Resp: 1118

Ion Ratio Lower Upper

117 100

119 62.6 75.2 112.8#

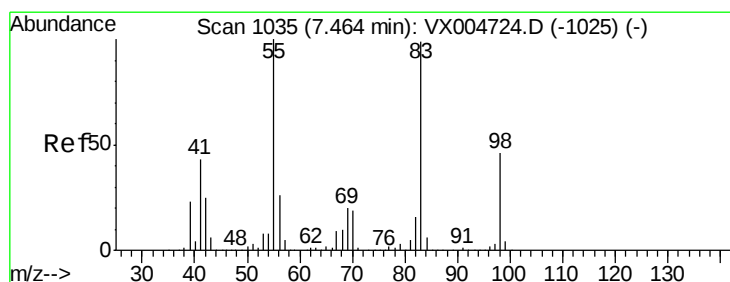
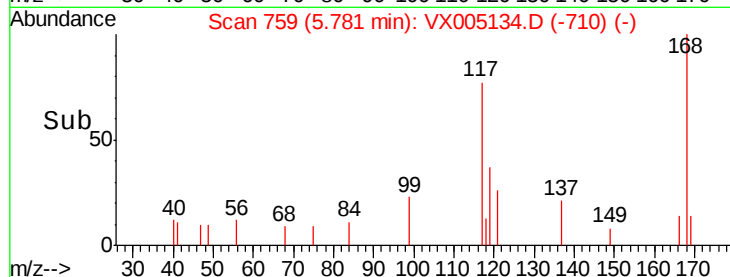
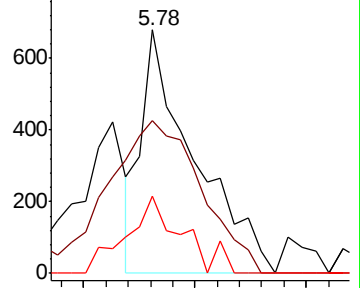
121 31.7 22.5 33.7



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

Methylcyclohexane

Concen: 0.217 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

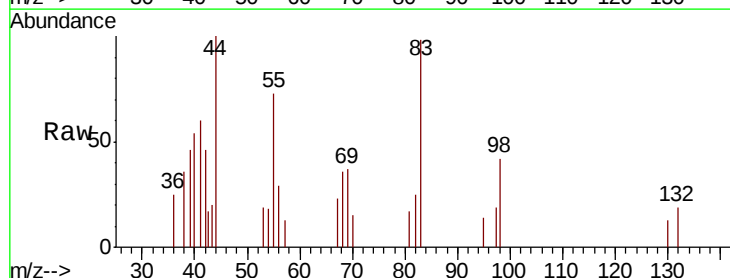
Tgt Ion: 83 Resp: 793

Ion Ratio Lower Upper

83 100

55 74.0 81.1 121.7#

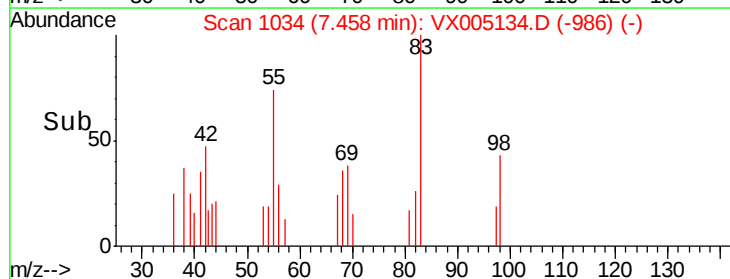
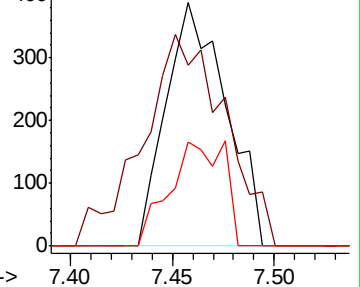
98 42.5 37.3 55.9

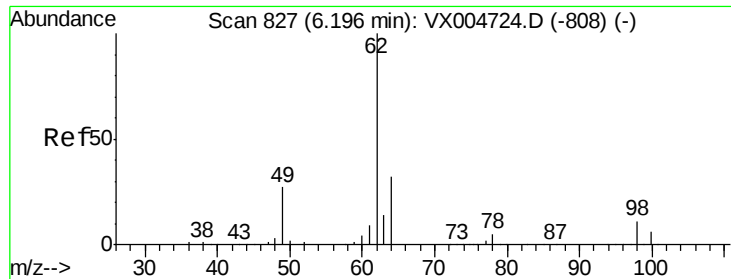


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

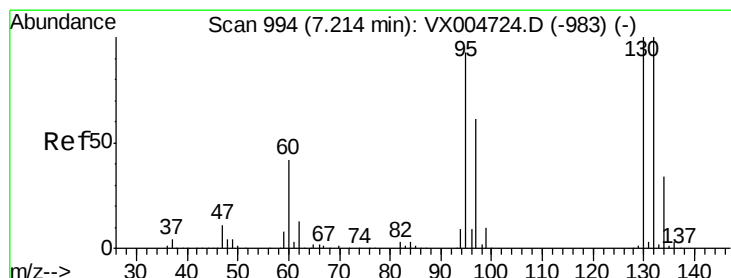
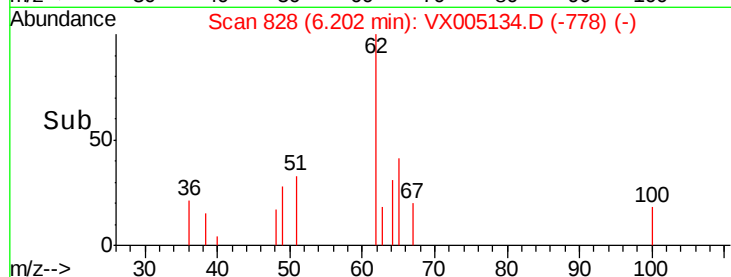
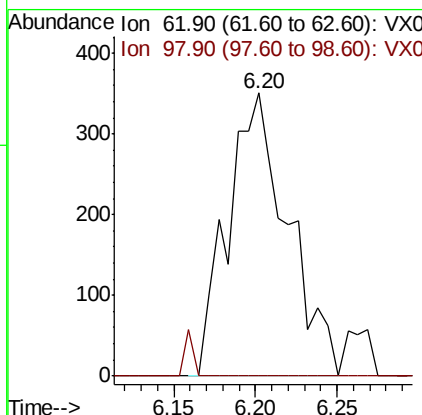
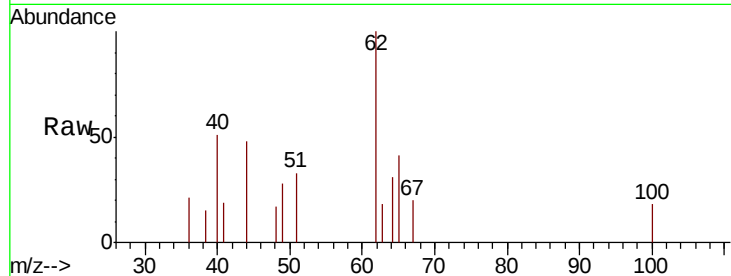




#42
 1,2-Dichloroethane
 Concen: 0.226 ug/l
 RT: 6.20 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

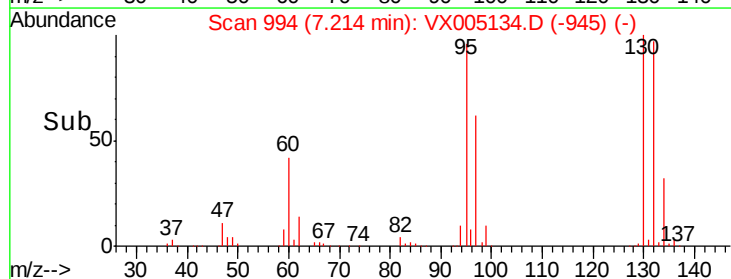
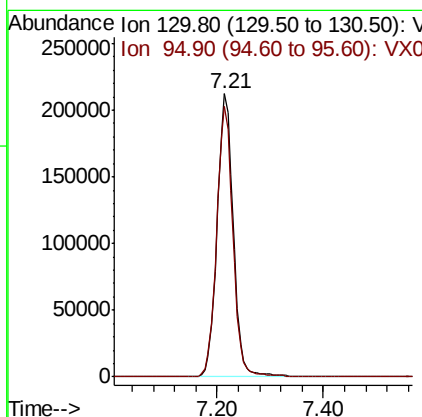
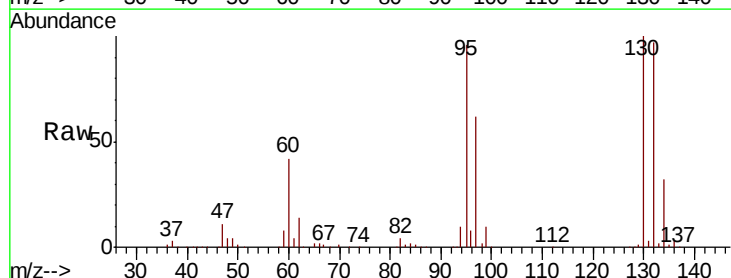
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001

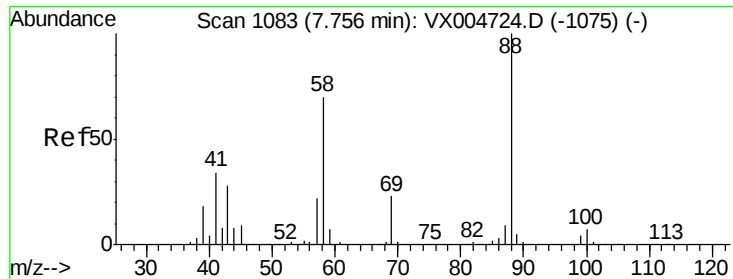
Tot Ion: 62 Resp: 895
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.2



#44
 Trichloroethene
 Concen: 164.649 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

Tgt Ion:130 Resp: 452464
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 186.8

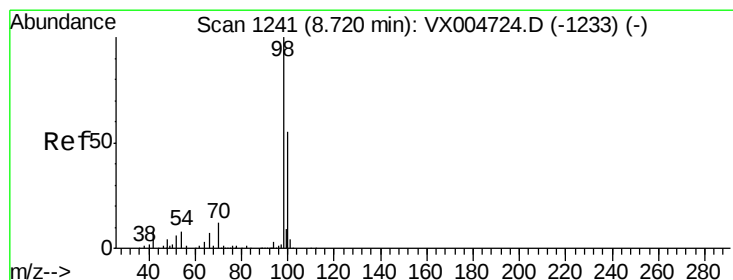
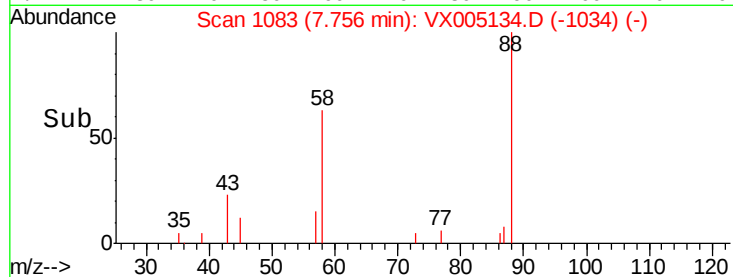
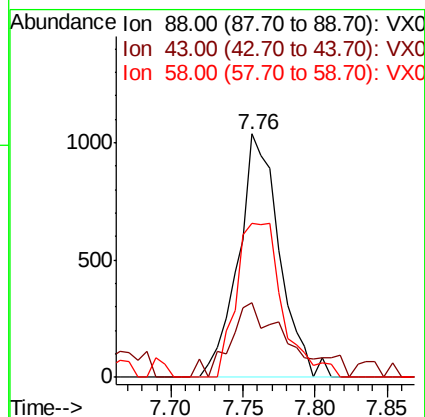
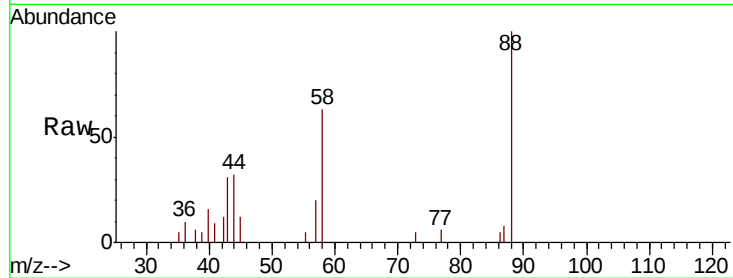




#49
 1,4-Dioxane
 Concen: 26.510 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

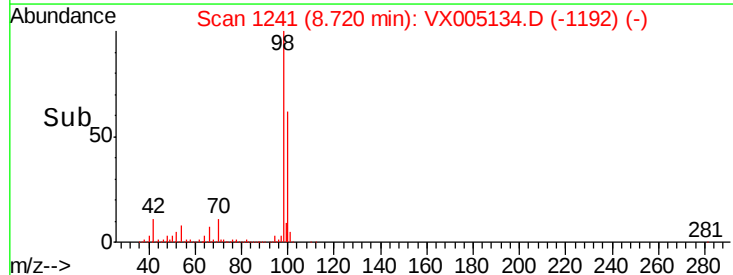
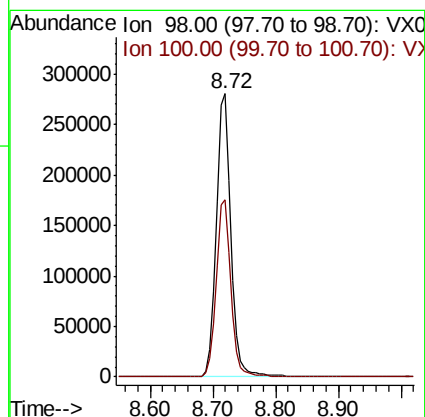
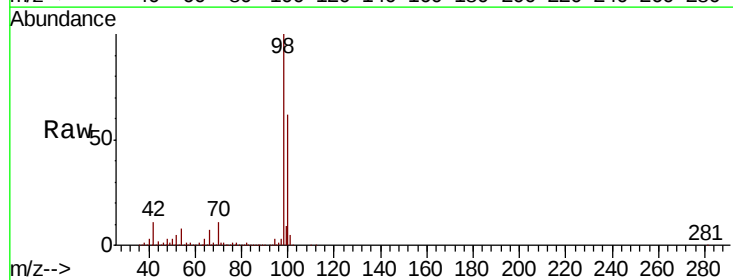
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-125D2-2018001

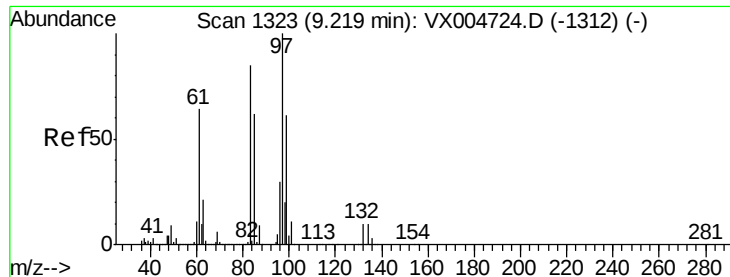
Tot Ion: 88 Resp: 2045
 Ion Ratio Lower Upper
 88 100
 43 39.4 25.1 37.7#
 58 71.5 56.2 84.2



#50
 Toluene-d8
 Concen: 51.842 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX005134.D
 Acq: 08 Oct 2018 18:16

Tgt Ion: 98 Resp: 451049
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.9 77.9





#55

1,1,2-Trichloroethane

Concen: 0.496 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

Tot Ion: 97 Resp: 1335

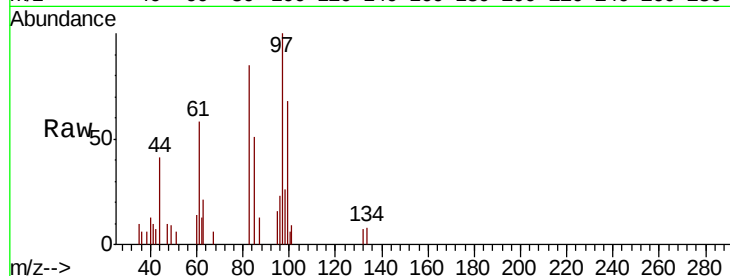
Ion Ratio Lower Upper

97 100

83 84.5 68.2 102.2

85 50.5 49.9 74.9

99 68.3 48.9 73.3

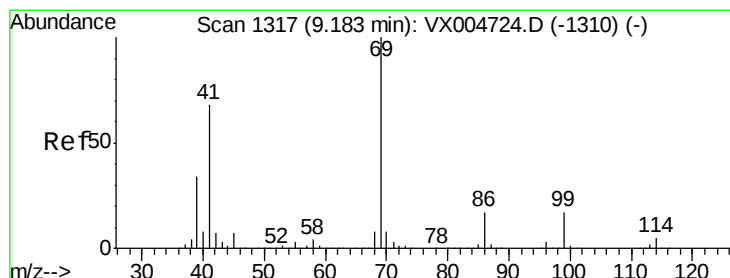
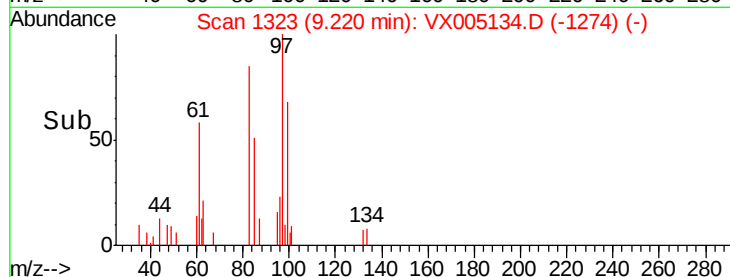
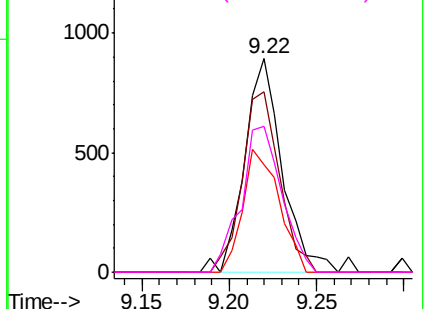


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 2.867 ug/l

RT: 9.20 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

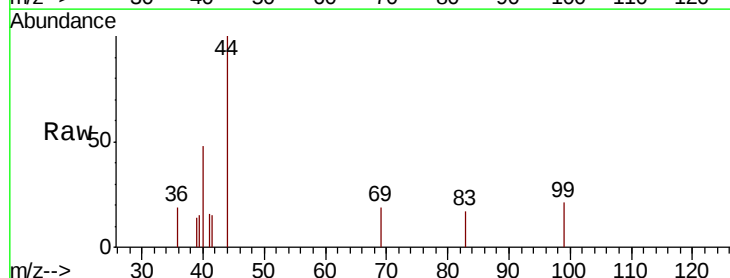
Tgt Ion: 69 Resp: 25

Ion Ratio Lower Upper

69 100

41 148.0 56.9 85.3#

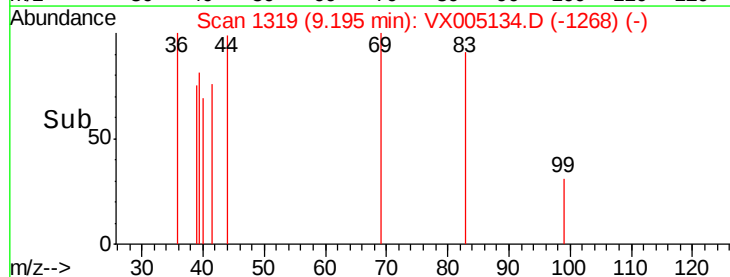
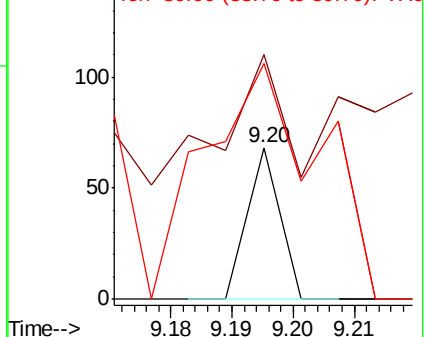
39 552.0 28.4 42.6#

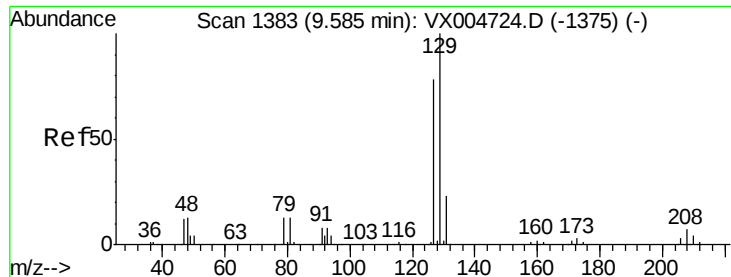


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 0.405 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

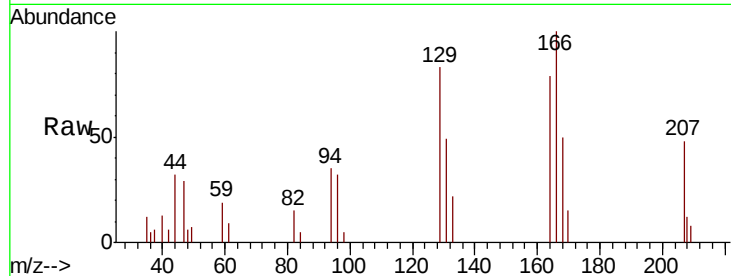
RE-125D2-2018001

Tot Ion:129 Resp: 1091

Ion Ratio Lower Upper

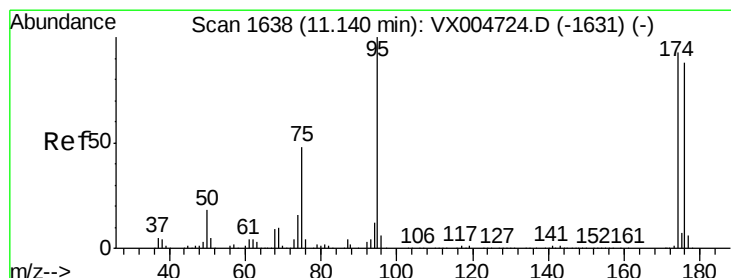
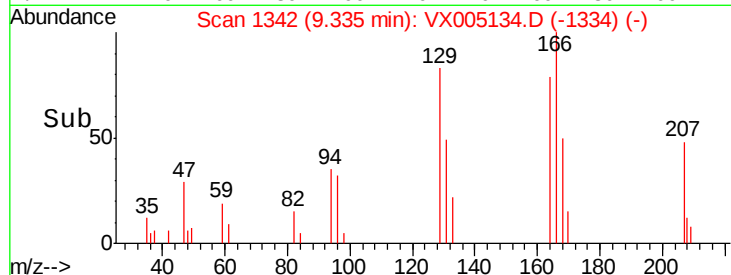
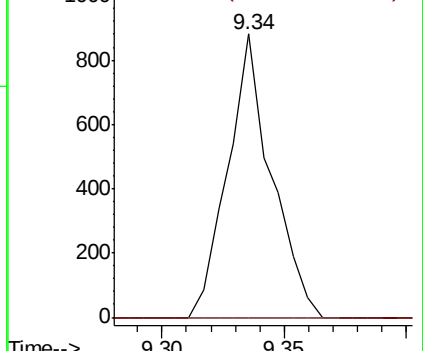
129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 51.976 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

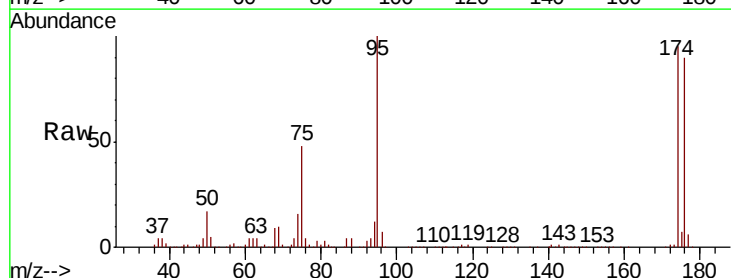
Tgt Ion: 95 Resp: 162913

Ion Ratio Lower Upper

95 100

174 93.9 0.0 185.0

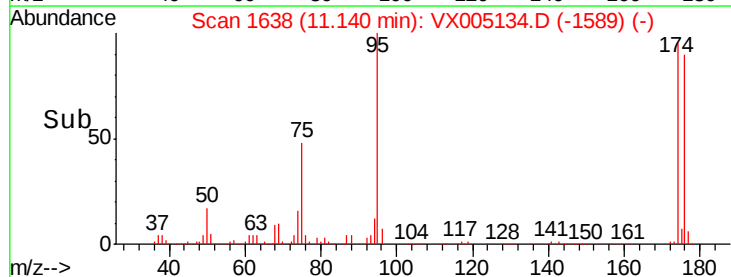
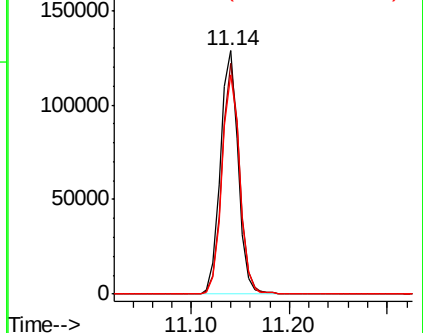
176 90.4 0.0 180.2

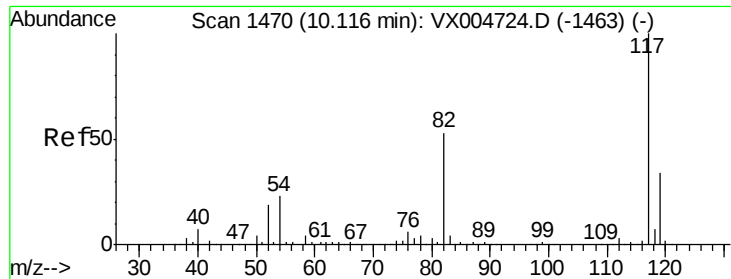


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

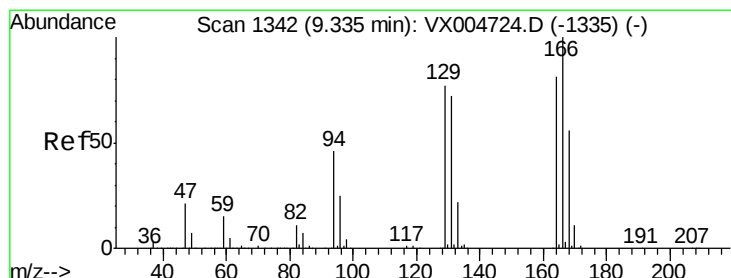
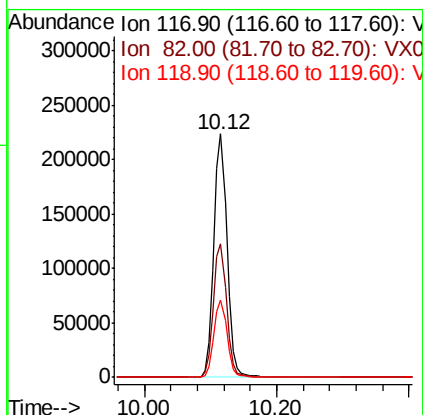
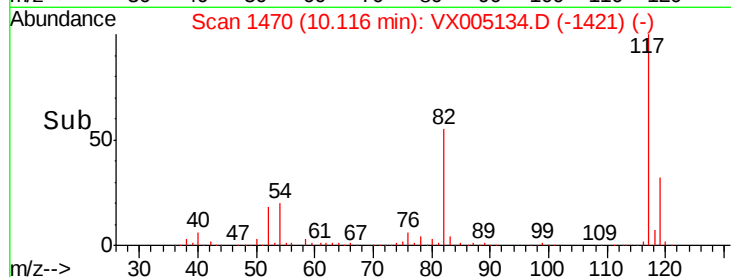
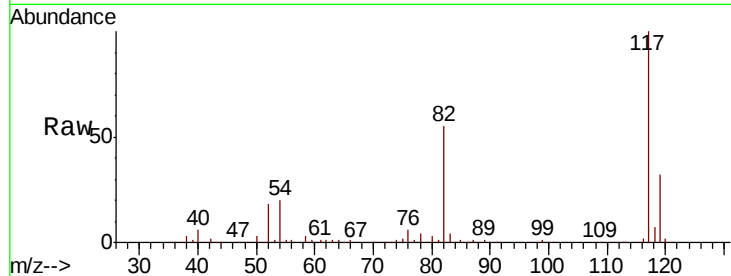




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

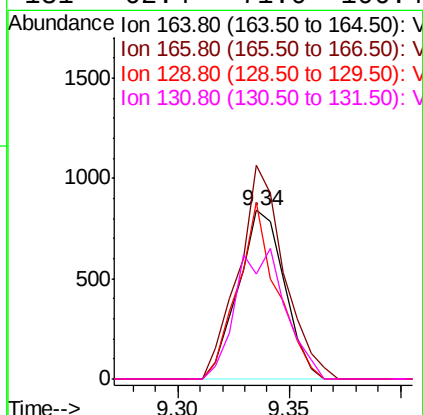
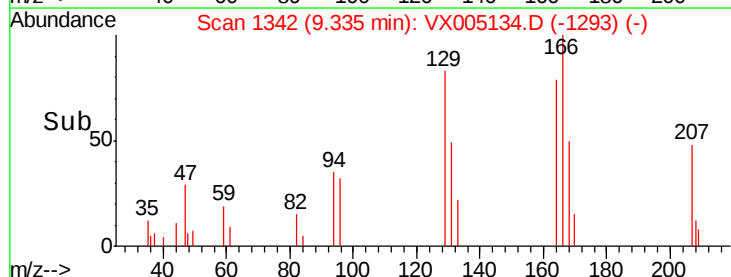
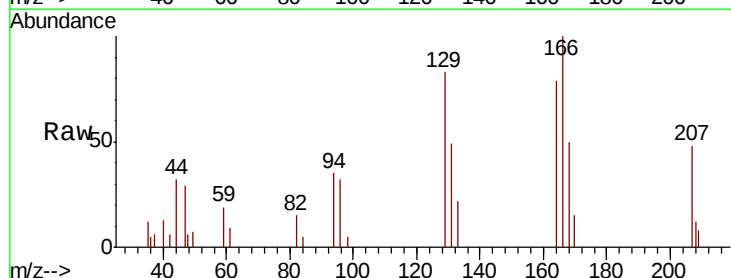
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

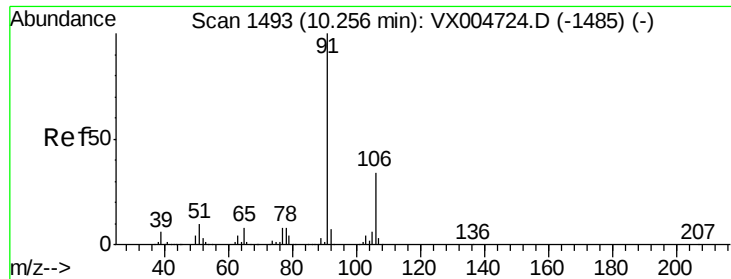
Tot Ion:117 Resp: 306662
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 31.7 27.4 41.0



#64
Tetrachloroethene
Concen: 0.403 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Tgt Ion:164 Resp: 1217
Ion Ratio Lower Upper
164 100
166 126.5 98.4 147.6
129 104.6 76.1 114.1
131 62.4 71.0 106.4#

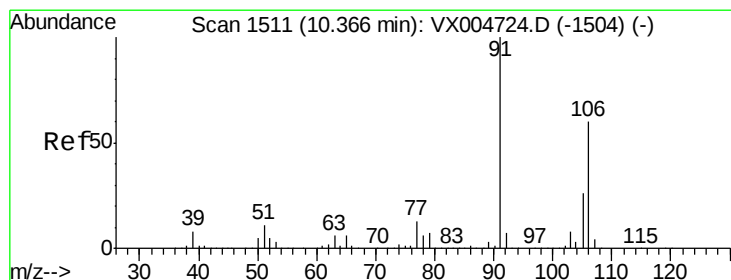
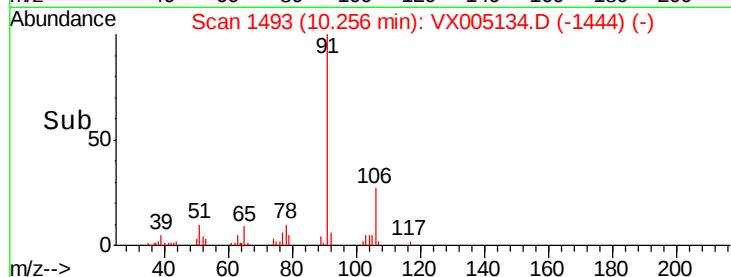
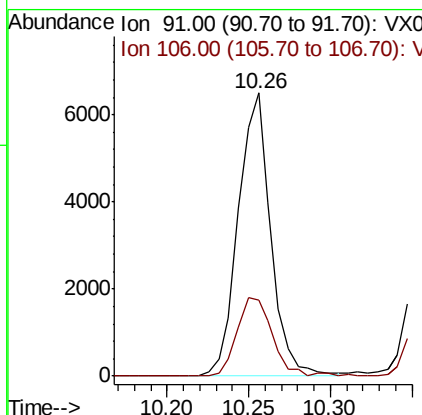
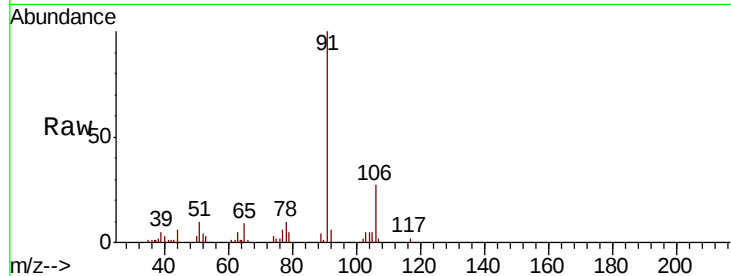




#67
Ethyl Benzene
Concen: 0.723 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

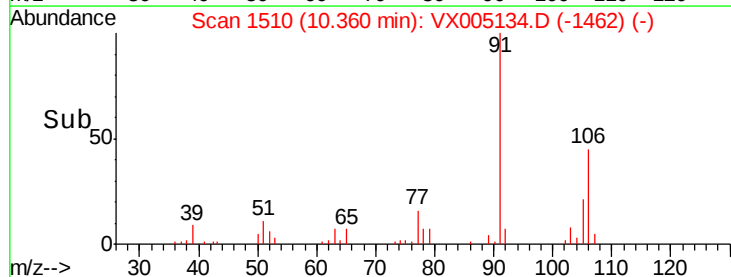
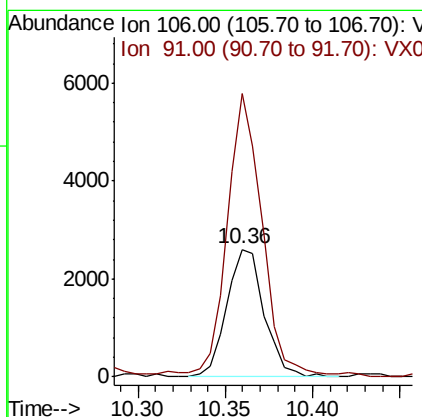
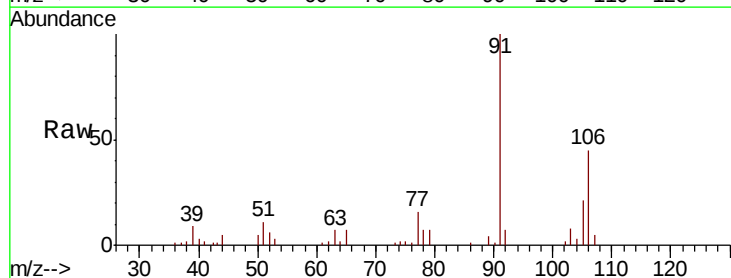
Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

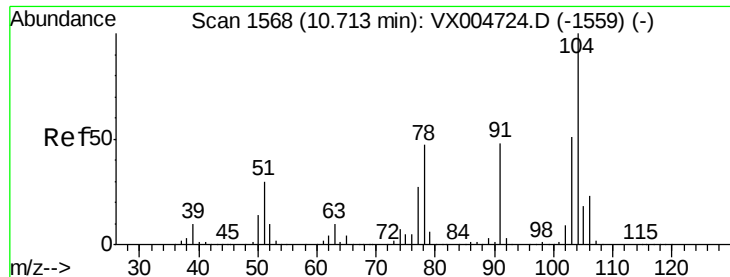
Tot Ion: 91 Resp: 9026
Ion Ratio Lower Upper
91 100
106 26.8 26.9 40.3#



#68
m/p-Xylenes
Concen: 0.788 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Tgt Ion: 106 Resp: 3846
Ion Ratio Lower Upper
106 100
91 204.4 157.5 236.3





#70

Stvrene

Concen: 2.159 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

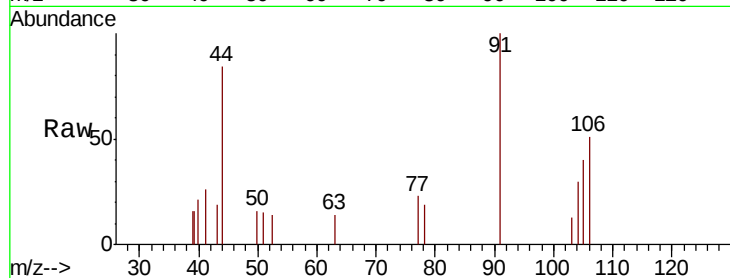
Tot Ion:104 Resp: 160

Ion Ratio Lower Upper

104 100

78 108.7 40.0 60.0#

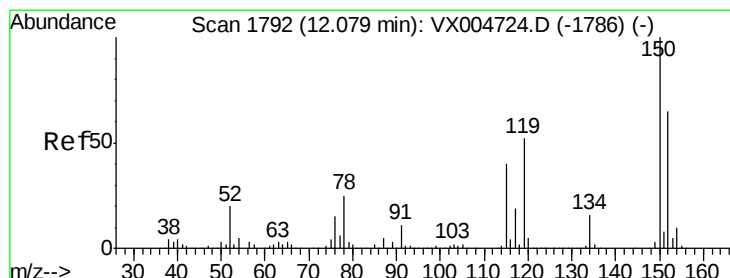
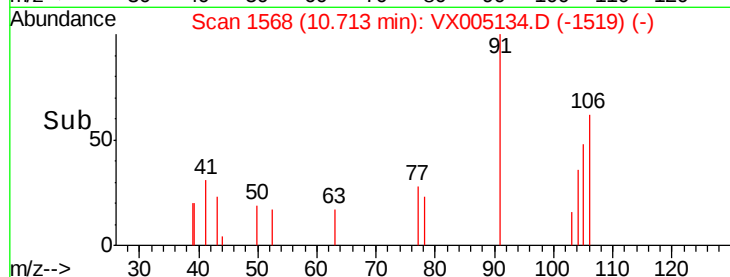
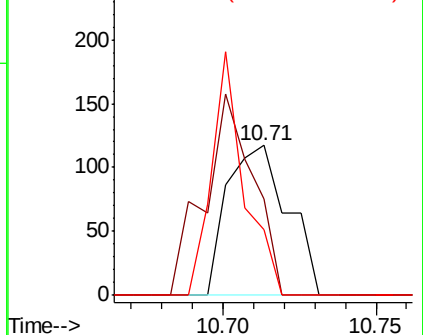
103 86.9 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

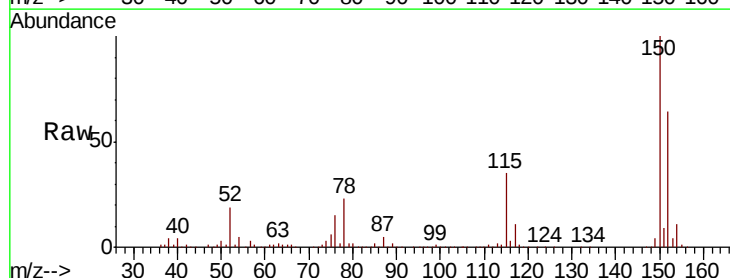
Tgt Ion:152 Resp: 174698

Ion Ratio Lower Upper

152 100

115 54.9 40.2 120.6

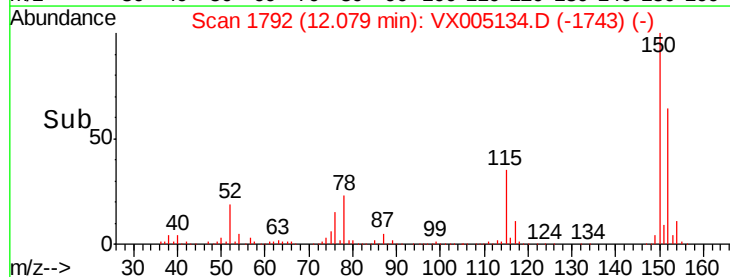
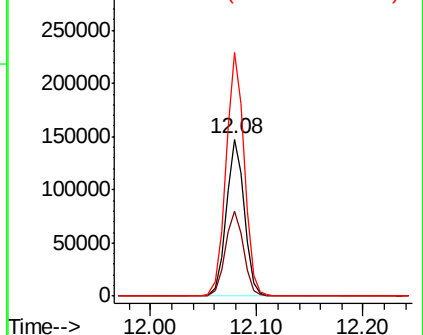
150 157.1 0.0 351.0

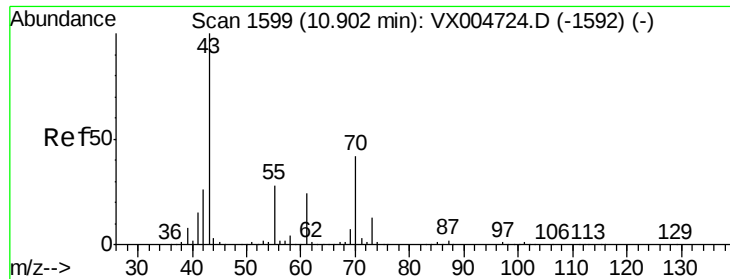


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.756 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

Tot Ion: 43 Resp: 54

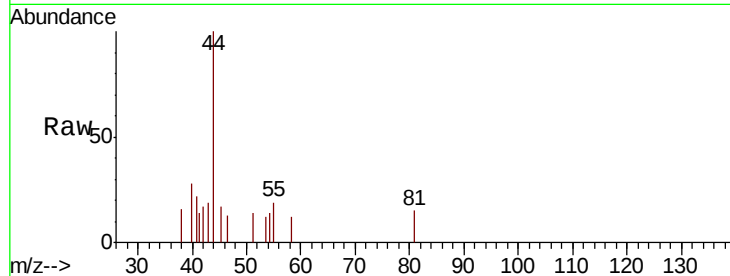
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 272.2 21.6 32.4#

61 0.0 19.1 28.7#

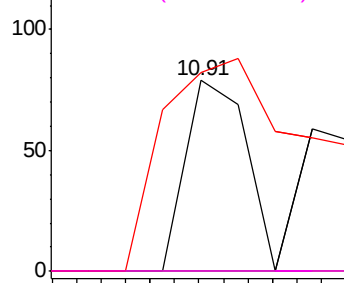


Abundance Ion 43.00 (42.70 to 43.70): VX0

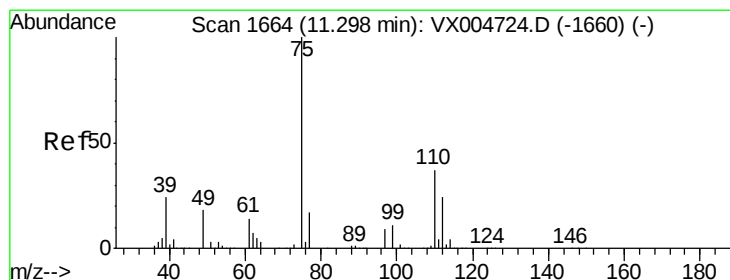
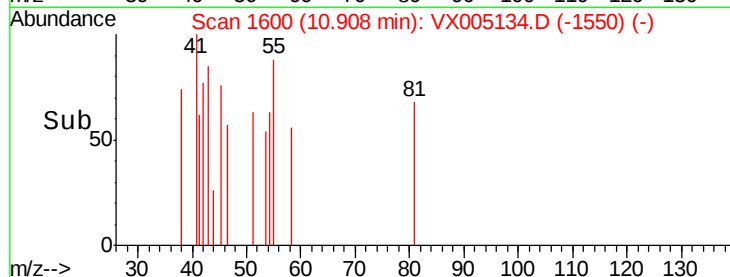
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 20.552 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005134.D

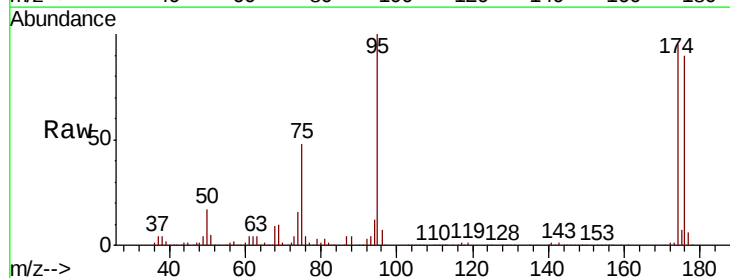
Acq: 08 Oct 2018 18:16

Tgt Ion: 75 Resp: 80473

Ion Ratio Lower Upper

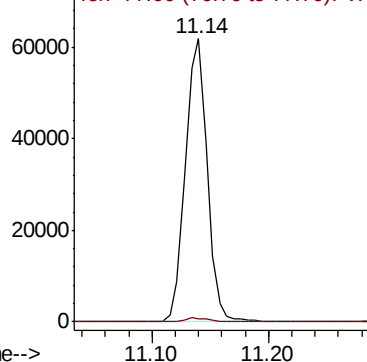
75 100

77 1.4 21.4 64.3#

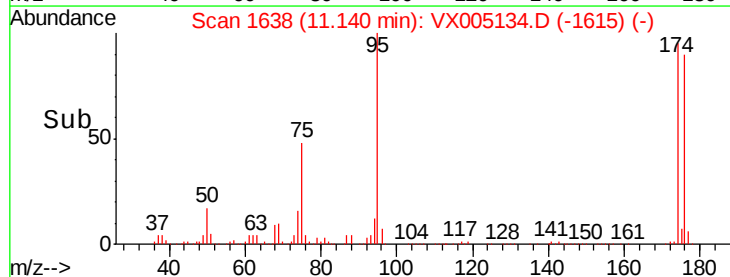


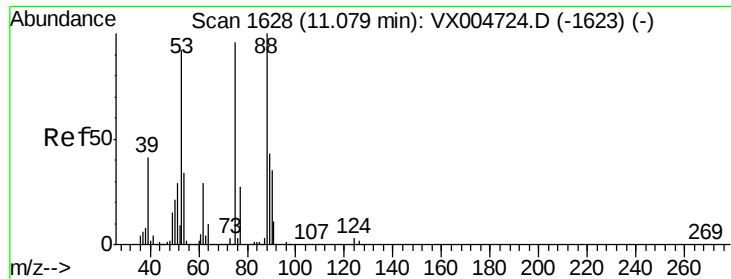
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 55.812 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005134.D

Acq: 08 Oct 2018 18:16

Instrument :

MSVOA_X

ClientSampleId :

RE-125D2-2018001

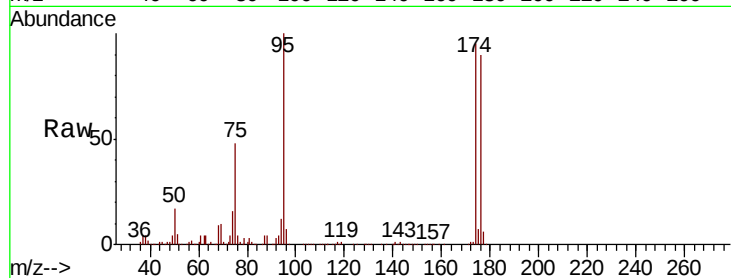
Tot Ion: 75 Resp: 80473

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.4#

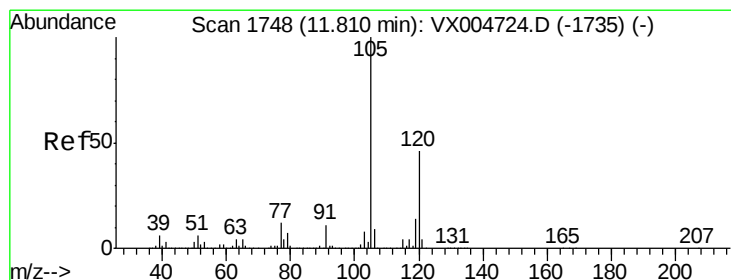
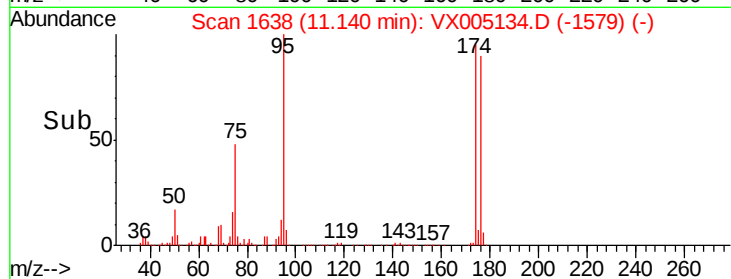
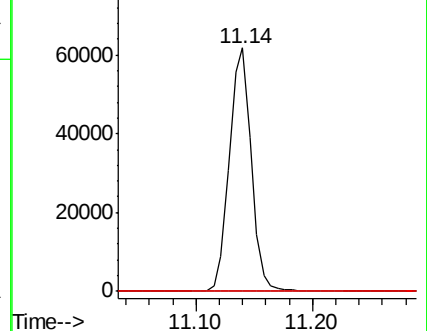
89 0.0 37.1 55.7#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.219 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX005134.D

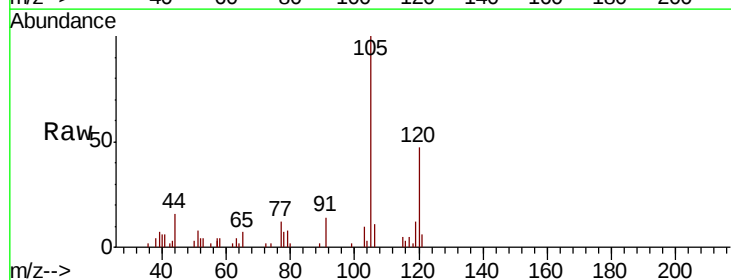
Acq: 08 Oct 2018 18:16

Tgt Ion: 105 Resp: 4331

Ion Ratio Lower Upper

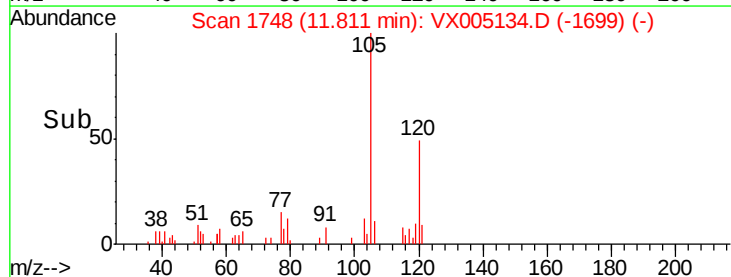
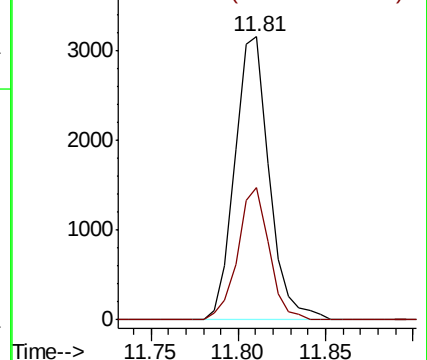
105 100

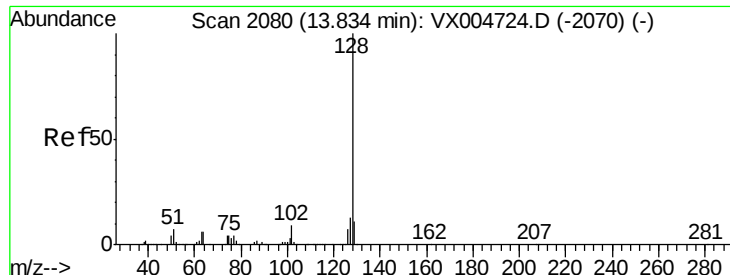
120 42.8 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

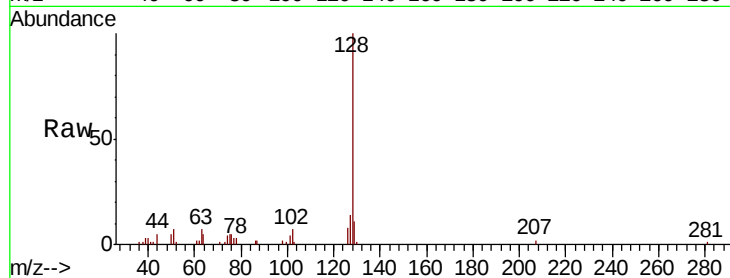




#95
Naphthalene
Concen: 1.292 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005134.D
Acq: 08 Oct 2018 18:16

Instrument :
MSVOA_X
ClientSampleId :
RE-125D2-2018001

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.4	15.6
129	11.3	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

