

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001922.D
 Acq On : 10 Mar 2020 14:28
 Operator : SY/MD
 Sample : L1852-14RE
 Misc : 5.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 03:57:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	140058	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	252910	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	171185	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	40925	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	80530	53.86	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	107.72%	
35) Dibromofluoromethane	7.73	113	77286	55.96	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	111.92%	
50) Toluene-d8	10.18	98	295120	50.68	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.48	95	56985	28.14	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	56.28%	

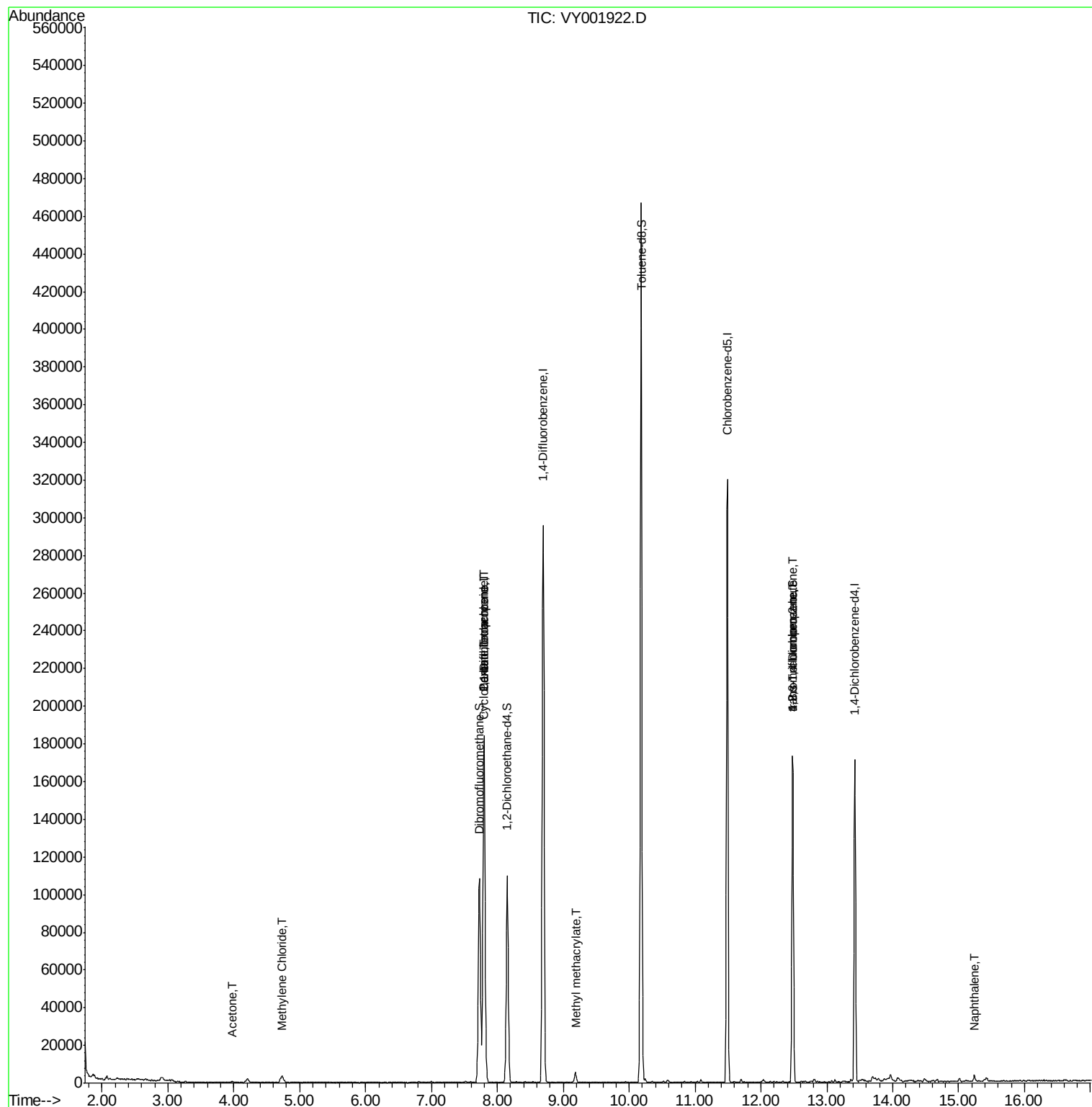
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.67	94	129	Below Cal	#	79
11) Tert butyl alcohol	4.95	59	45	Below Cal	#	74
16) Acetone	3.97	43	768	1.764	ug/l #	83
20) Methylene Chloride	4.73	84	2543	1.362	ug/l #	84
31) Cyclohexane	7.78	56	3887	1.183	ug/l #	23
36) 1,1-Dichloropropene	7.80	75	11844	4.867	ug/l #	49
38) Carbon Tetrachloride	7.80	117	14080	6.772	ug/l #	15
48) Methyl methacrylate	9.19	41	1301	1.095	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.78	63	66	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.48	75	28062	57.788	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	28062	116.729	ug/l #	17
95) Naphthalene	15.23	128	2399	1.324	ug/l #	94

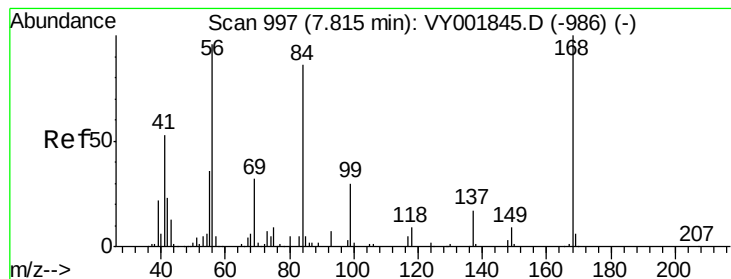
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
Data File : VY001922.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

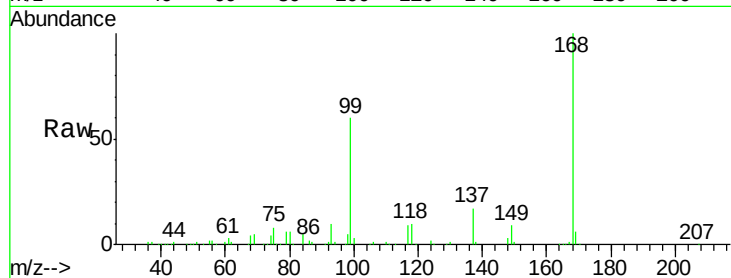
ClientSampleId :

Tot Ion:168 Resp: 140058

Ion Ratio Lower Upper

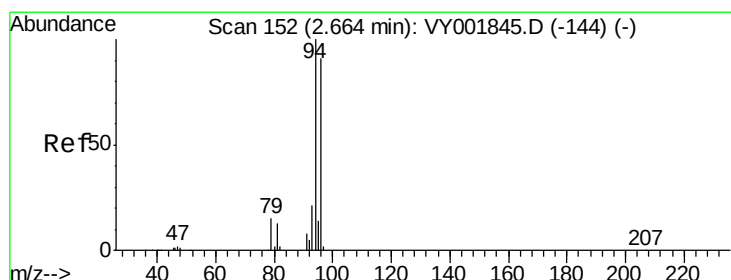
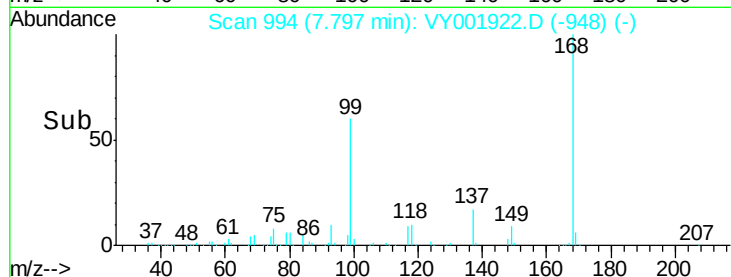
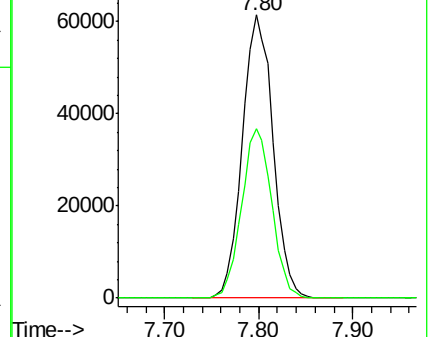
168 100

99 59.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001922.D

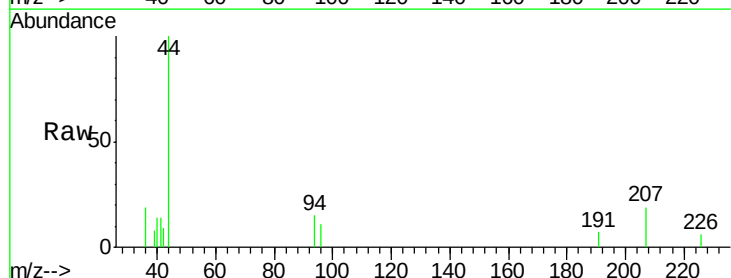
Acq: 10 Mar 2020 14:28

Tgt Ion: 94 Resp: 129

Ion Ratio Lower Upper

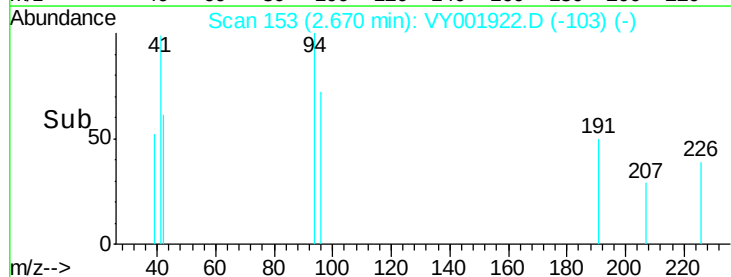
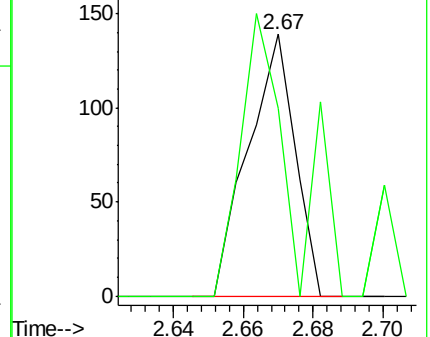
94 100

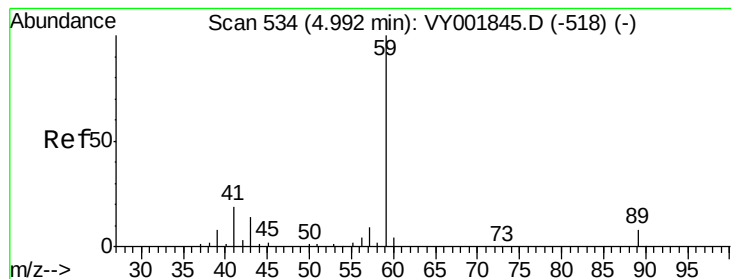
96 71.9 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001845.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VY001845.D (-144) (-)



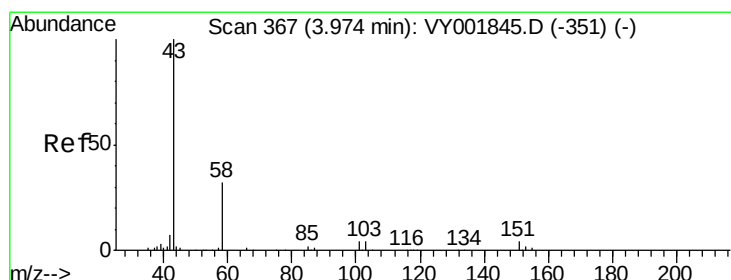
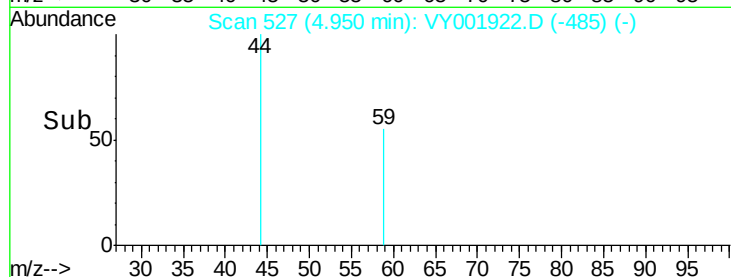
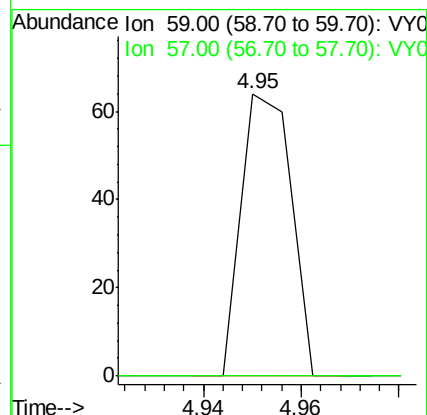
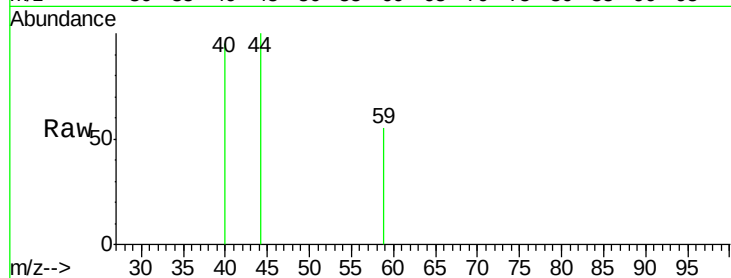


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.95 min Scan# 527
 Delta R.T. -0.04 min
 Lab File: VY001922.D
 Acq: 10 Mar 2020 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

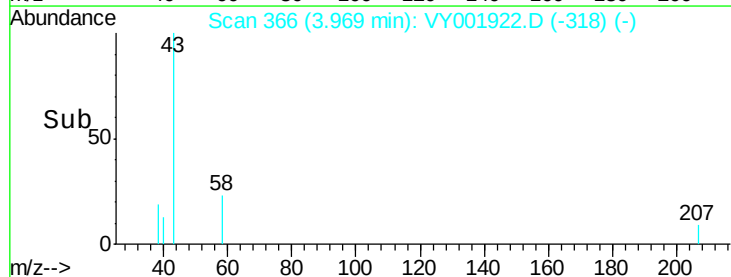
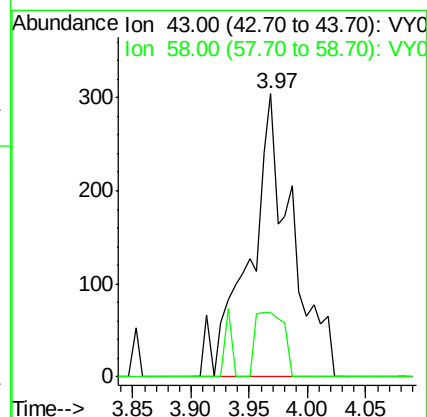
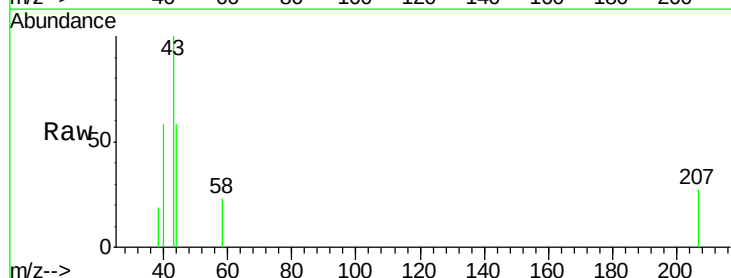
Tot Ion: 59 Resp: 45
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

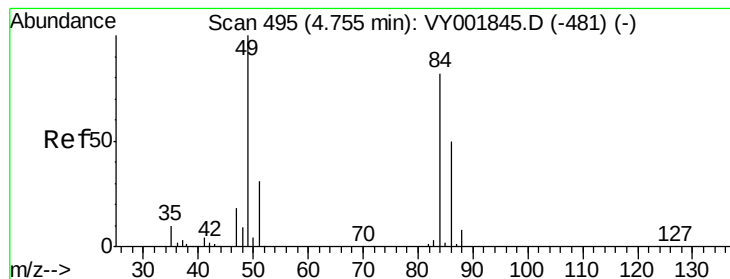


#16

Acetone
 Concen: 1.764 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY001922.D
 Acq: 10 Mar 2020 14:28

Tgt Ion: 43 Resp: 768
 Ion Ratio Lower Upper
 43 100
 58 22.7 25.9 38.9#





#20

Methvlene Chloride

Concen: 1.362 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 2543

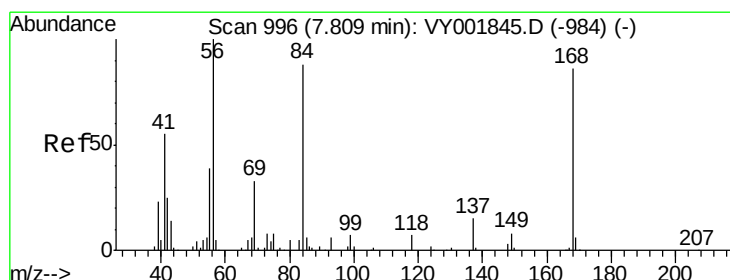
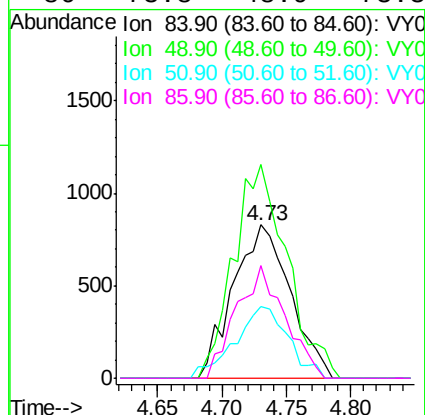
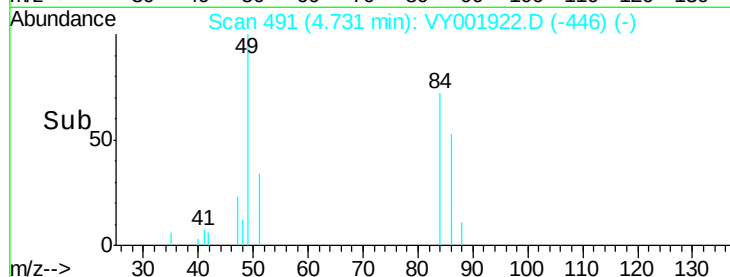
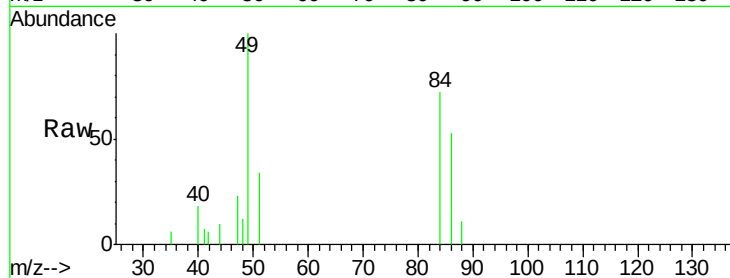
Ion Ratio Lower Upper

84 100

49 139.5 98.2 147.2

51 47.1 30.2 45.2#

86 73.8 48.9 73.3#



#31

Cyclohexane

Concen: 1.183 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

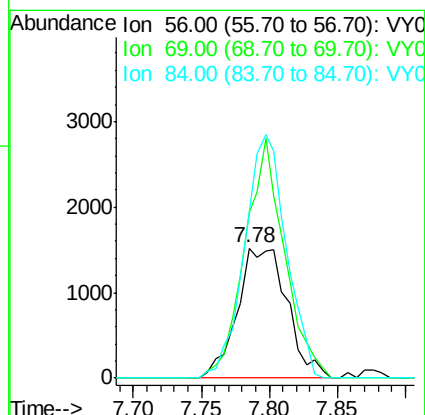
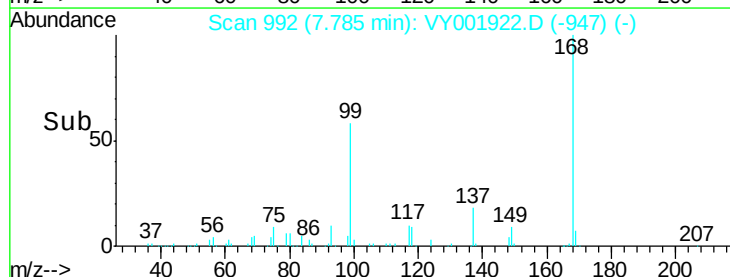
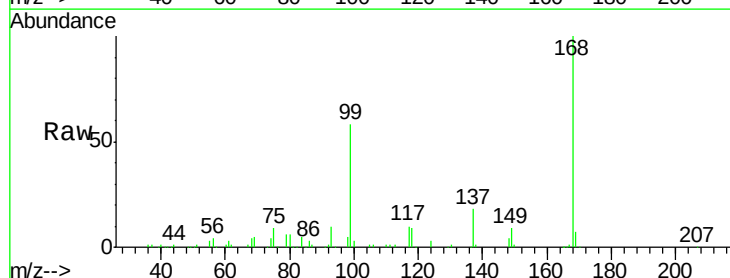
Tgt Ion: 56 Resp: 3887

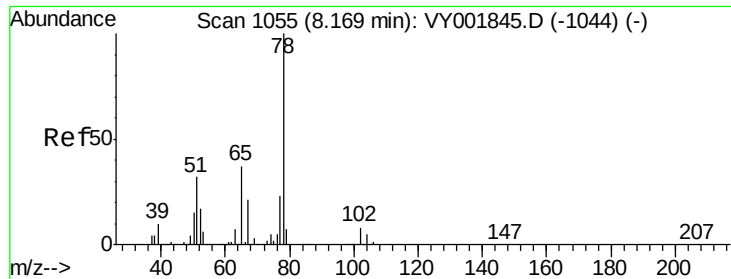
Ion Ratio Lower Upper

56 100

69 127.2 26.7 40.1#

84 128.1 70.4 105.6#

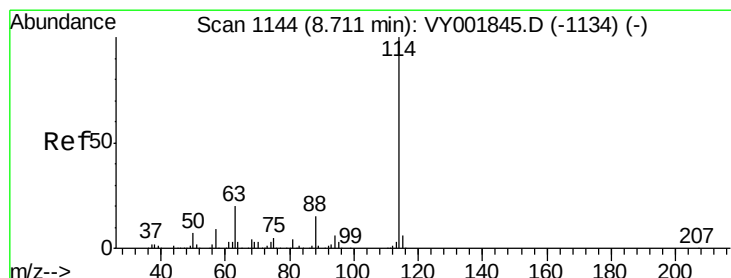
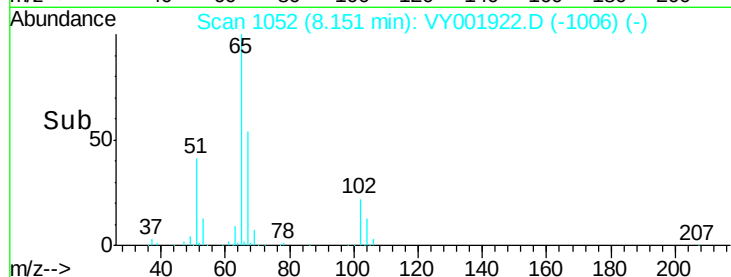
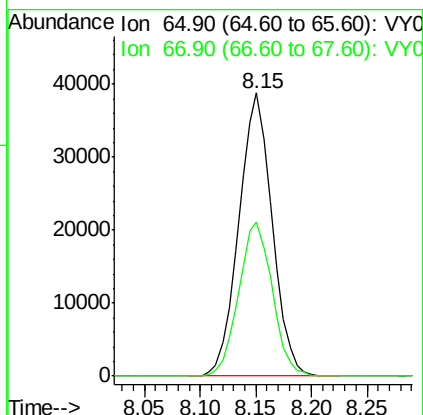
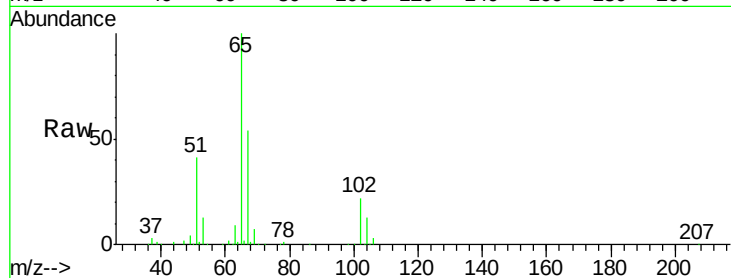




#33
 1,2-Dichloroethane-d4
 Concen: 53.859 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001922.D
 Acq: 10 Mar 2020 14:28

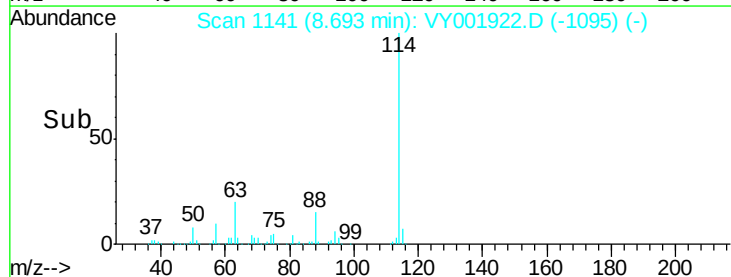
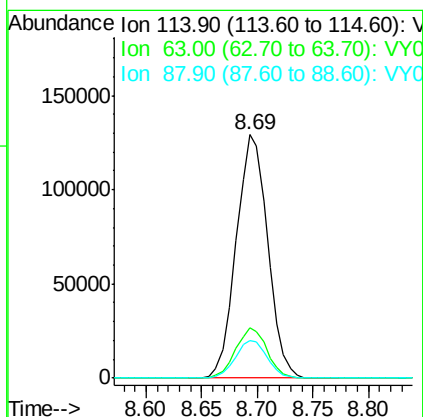
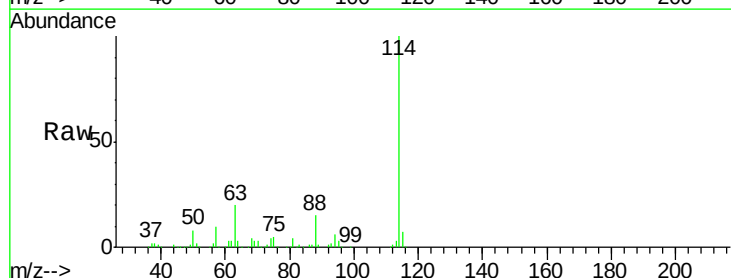
Instrument :
 MSVOA_Y
 ClientSampleId :

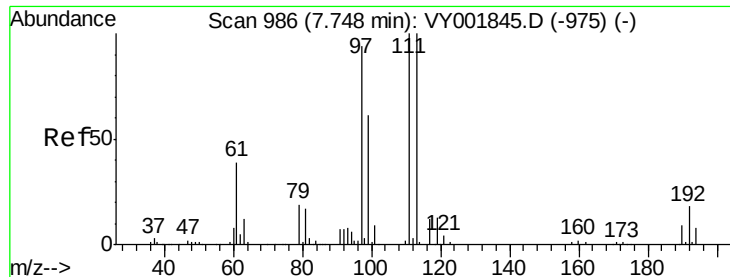
Tot Ion: 65 Resp: 80530
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001922.D
 Acq: 10 Mar 2020 14:28

Tgt Ion: 114 Resp: 252910
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 55.964 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

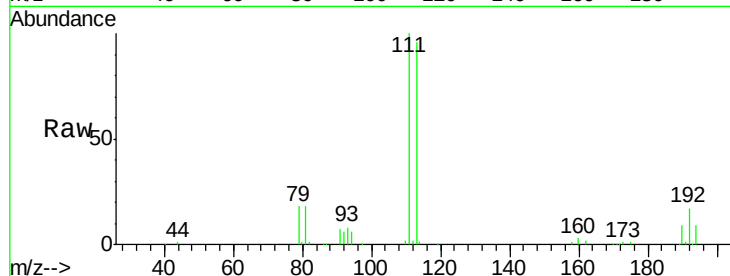
Tot Ion:113 Resp: 77286

Ion Ratio Lower Upper

113 100

111 105.4 81.8 122.8

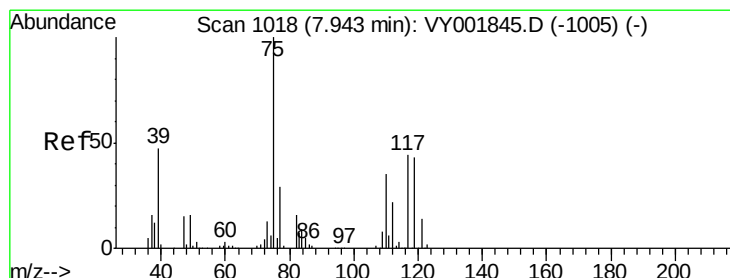
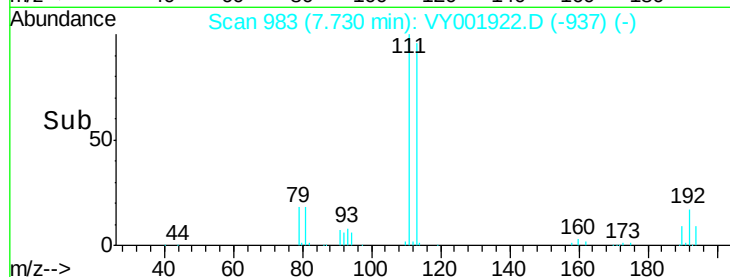
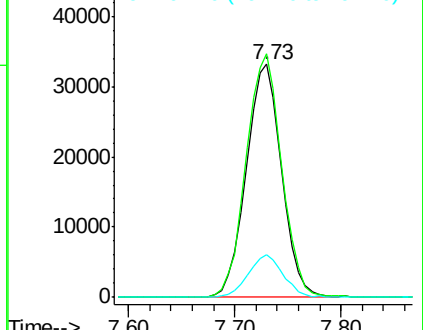
192 18.2 14.2 21.2



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: 4.867 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.15 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

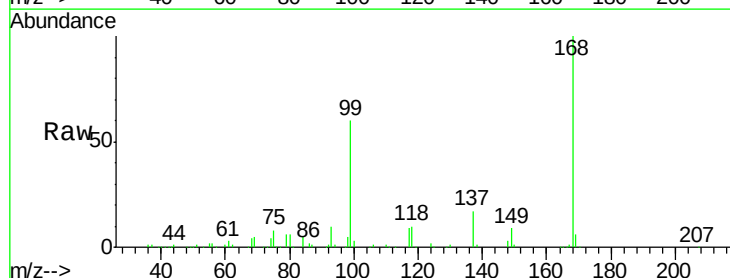
Tgt Ion: 75 Resp: 11844

Ion Ratio Lower Upper

75 100

110 7.9 17.4 52.2#

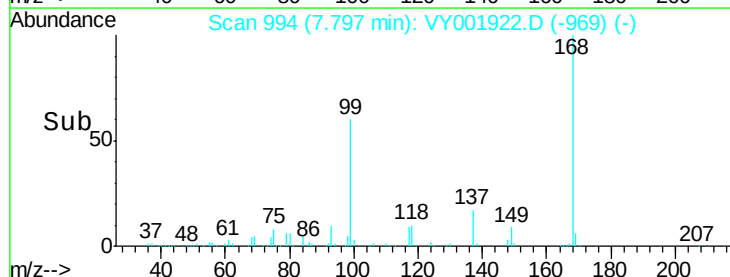
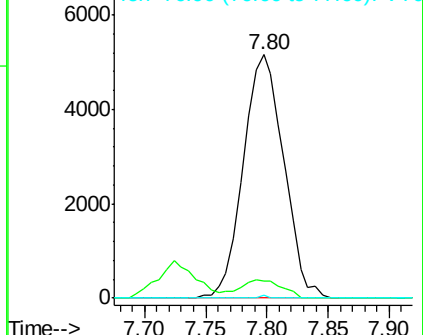
77 0.2 24.2 36.2#

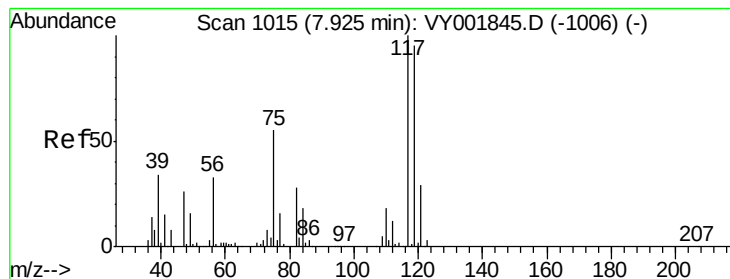


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.772 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

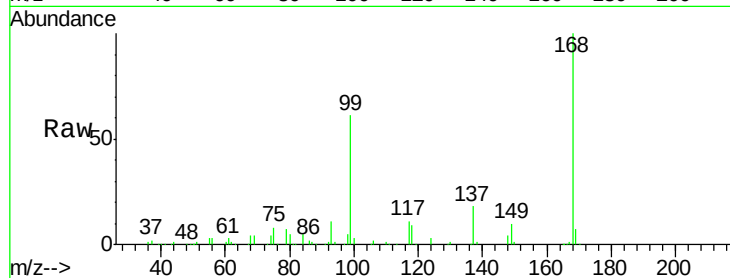
Tot Ion:117 Resp: 14080

Ion Ratio Lower Upper

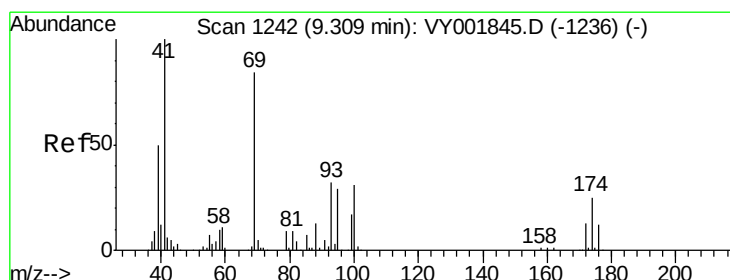
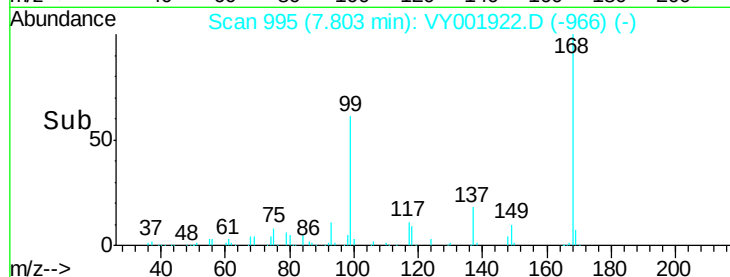
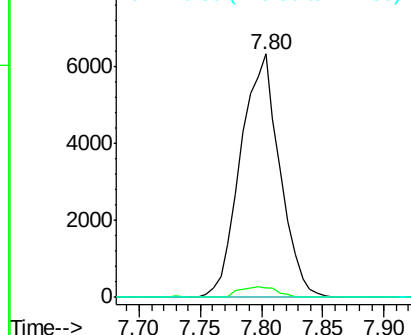
117 100

119 4.0 76.3 114.5#

121 0.0 23.5 35.3#



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



#48

Methyl methacrylate

Concen: 1.095 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. -0.12 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

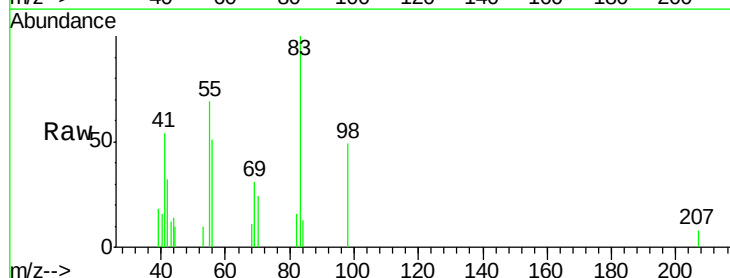
Tgt Ion: 41 Resp: 1301

Ion Ratio Lower Upper

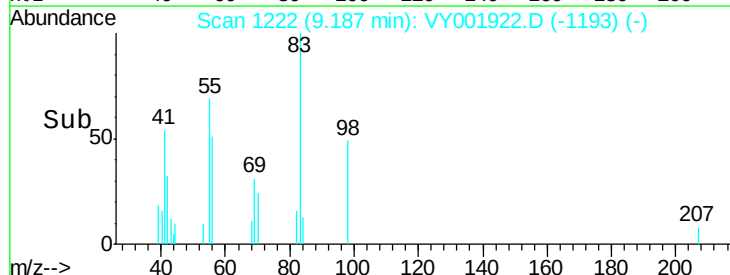
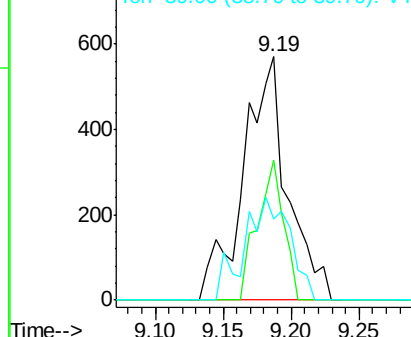
41 100

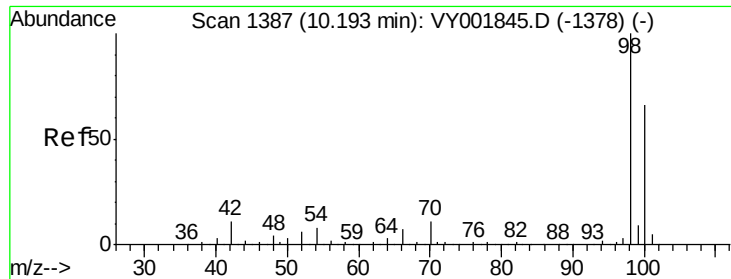
69 34.2 69.0 103.6#

39 43.0 39.1 58.7



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#50

Toluene-d8

Concen: 50.678 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

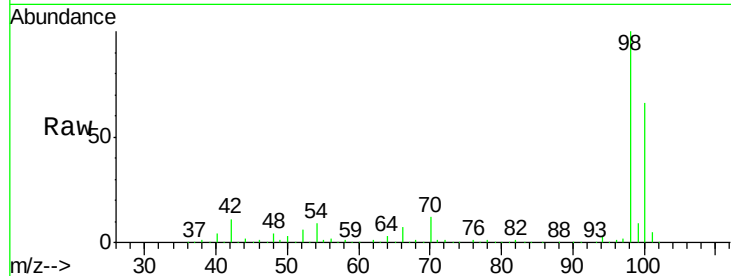
ClientSampled :

Tot Ion: 98 Resp: 295120

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

200000

150000

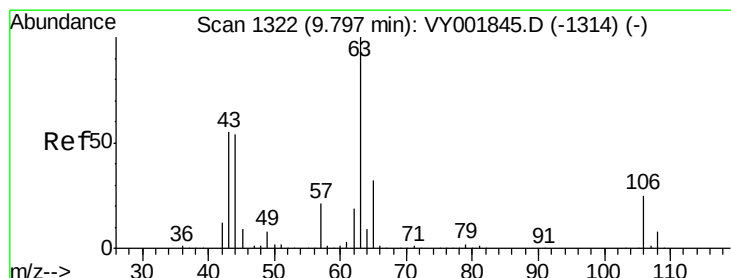
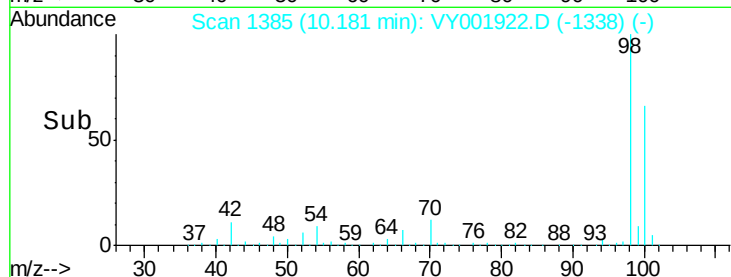
100000

50000

0

10.10 10.20 10.30

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY001922.D

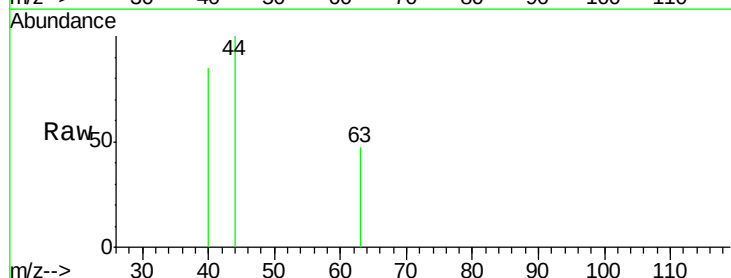
Acq: 10 Mar 2020 14:28

Tgt Ion: 63 Resp: 66

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

80

60

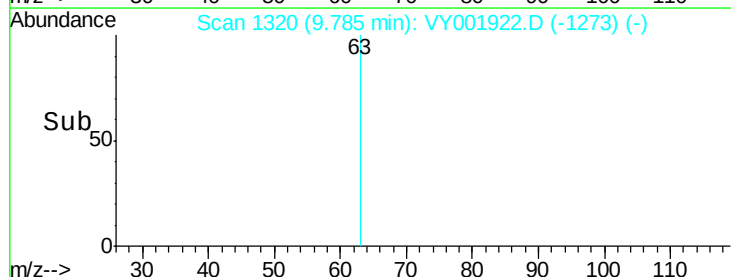
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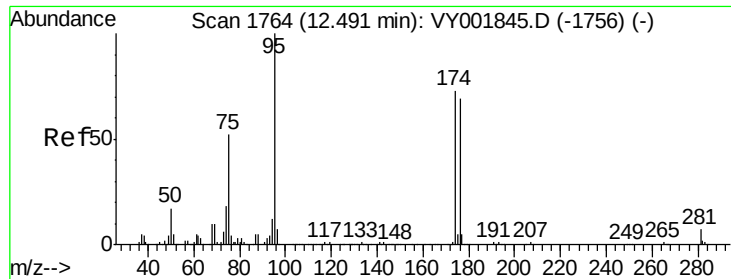
20

0

9.76 9.78 9.80

Time-->

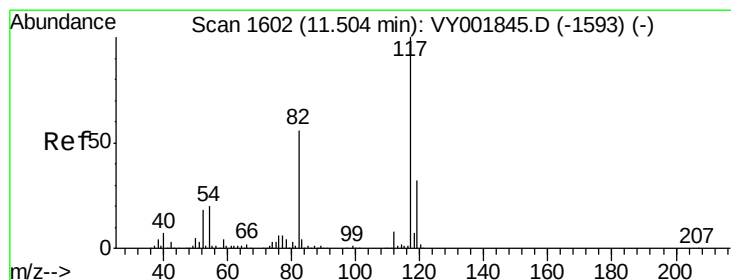
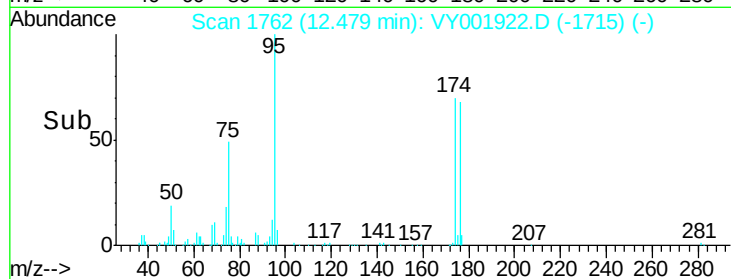
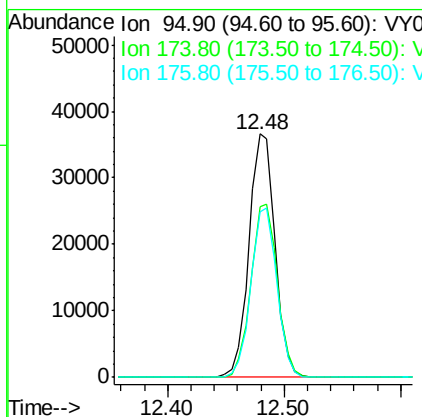
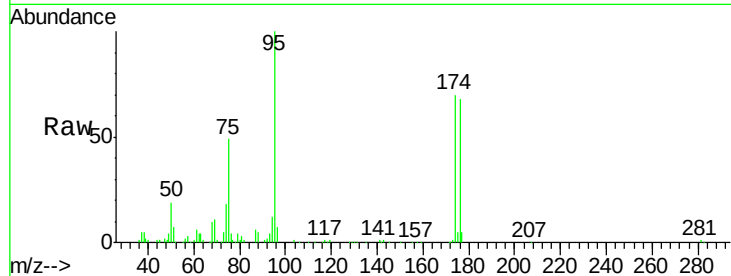




#62
 4-Bromofluorobenzene
 Concen: 28.142 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY001922.D
 Acq: 10 Mar 2020 14:28

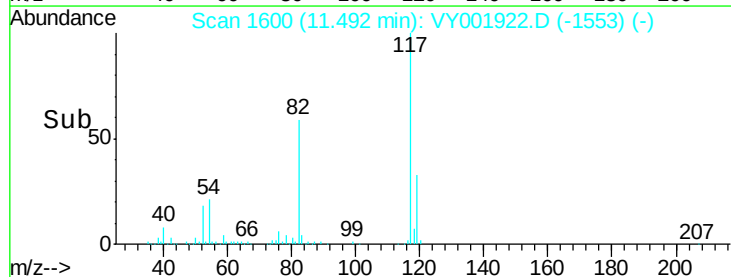
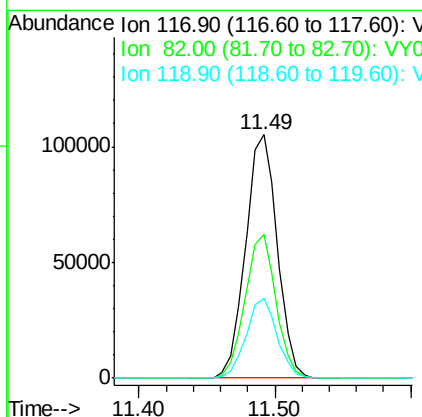
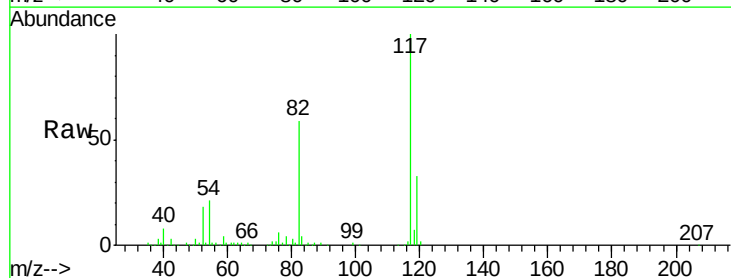
Instrument :
 MSVOA_Y
 ClientSampleId :

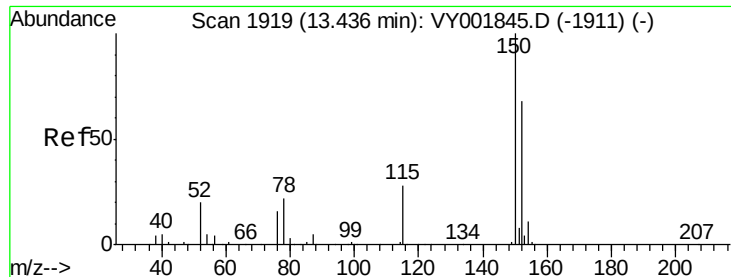
Tot Ion	95	Resp	56985
Ion Ratio	Lower	Upper	
95	100		
174	72.6	0.0	145.0
176	69.5	0.0	137.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VY001922.D
 Acq: 10 Mar 2020 14:28

Tgt Ion	117	Resp	171185
Ion Ratio	Lower	Upper	
117	100		
82	58.8	44.5	66.7
119	32.9	25.7	38.5



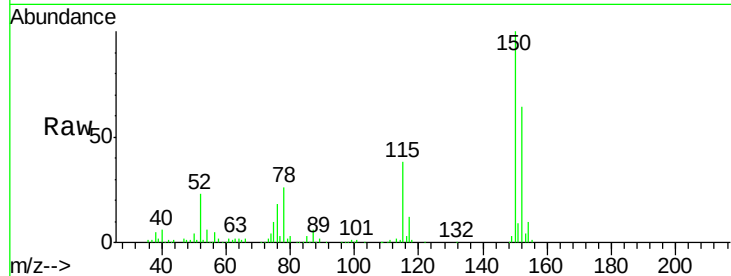


#72

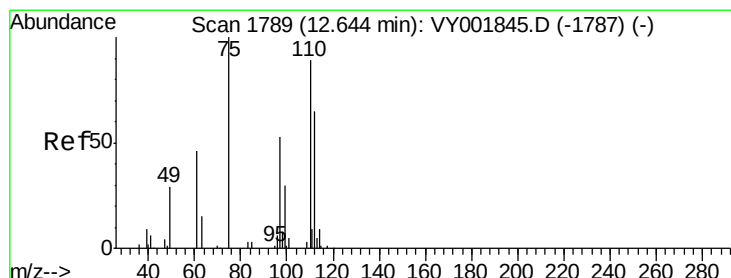
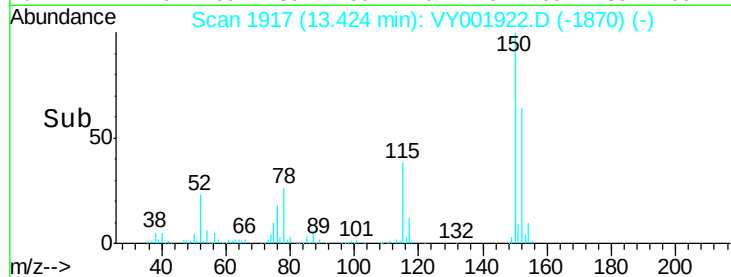
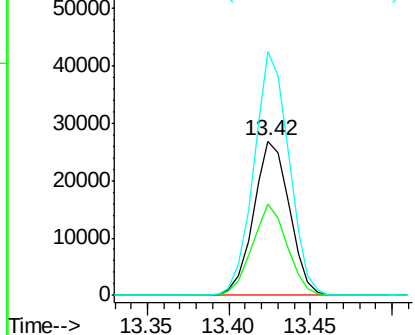
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 40925
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 155.1 0.0 340.6



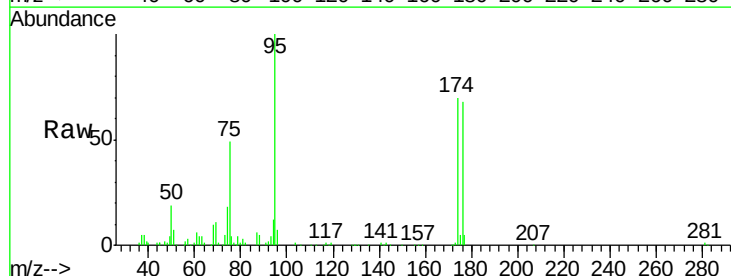
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



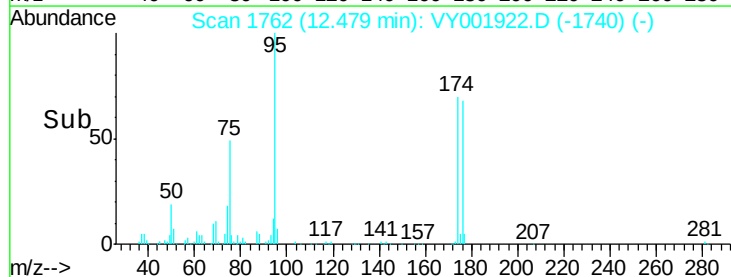
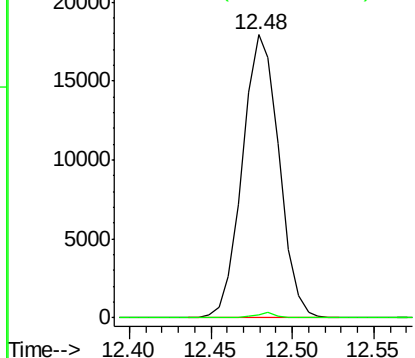
#76

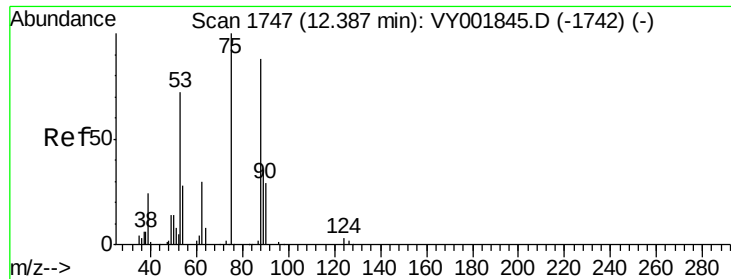
1,2,3-Trichloropropane
Concen: 57.788 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion: 75 Resp: 28062
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 116.729 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

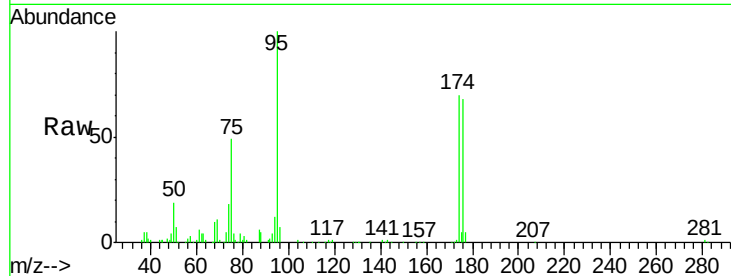
Tot Ion: 75 Resp: 28062

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

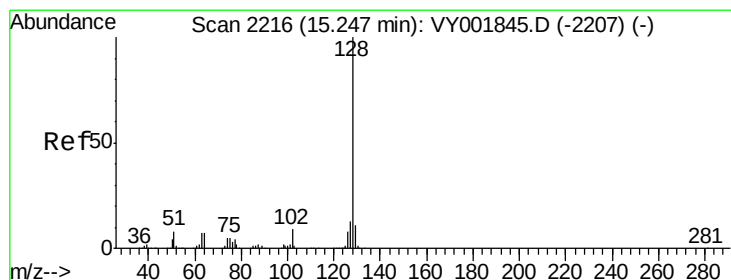
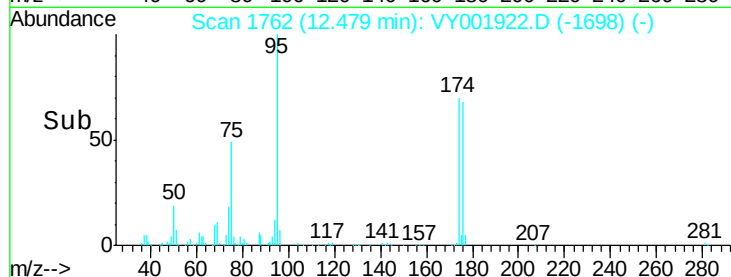
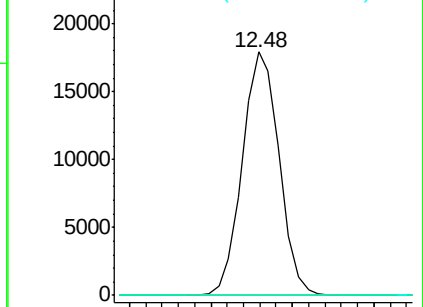
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VY001922.D (-1698) (-)

Ion 53.00 (52.70 to 53.70): VY001922.D (-1698) (-)

Ion 88.90 (88.60 to 89.60): VY001922.D (-1698) (-)



#95

Naphthalene

Concen: 1.324 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.01 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

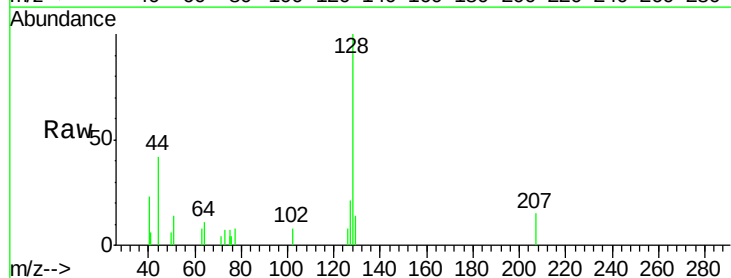
Tgt Ion: 128 Resp: 2399

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 15.7 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VY001922.D (-2167) (-)

Ion 127.00 (126.70 to 127.70): VY001922.D (-2167) (-)

Ion 129.00 (128.70 to 129.70): VY001922.D (-2167) (-)

