

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001740.D
 Acq On : 21 Feb 2020 14:20
 Operator : SY/MD
 Sample : L1623-05
 Misc : 8.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:42:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	162460	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	304021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	107522	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	100522	57.52	ug/l	0.00
Spiked Amount			Recovery	=	115.04%	
35) Dibromofluoromethane	7.75	113	86977	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	10.19	98	365715	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.49	95	119101	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	

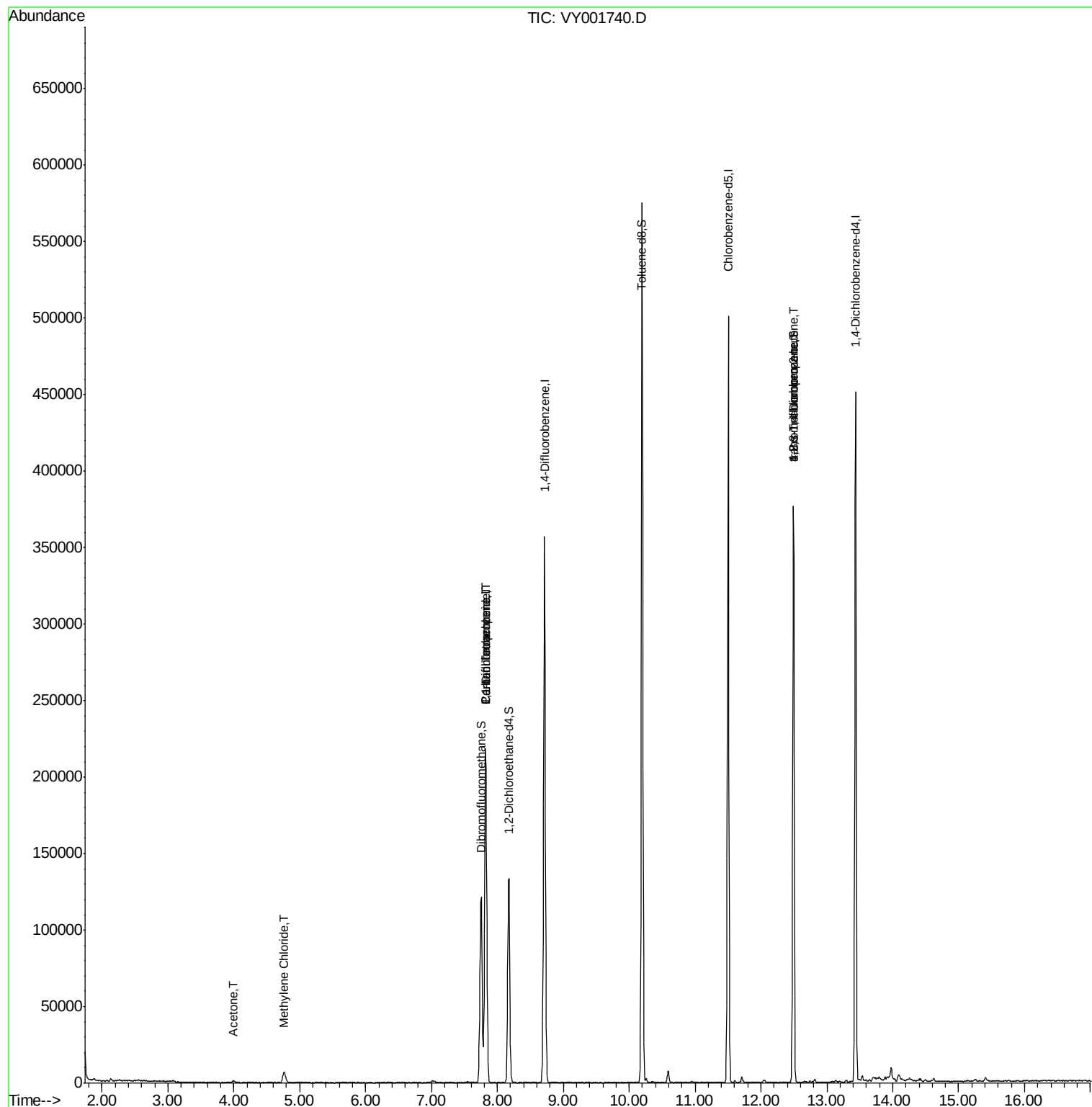
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.00	59	99	Below Cal	#	74
16) Acetone	3.99	43	2464	4.075	ug/l	93
20) Methylene Chloride	4.77	84	5283	2.460	ug/l #	91
36) 1,1-Dichloropropene	7.82	75	13705	4.719	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16438	6.444	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	61211	49.627	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61211	94.151	ug/l #	17

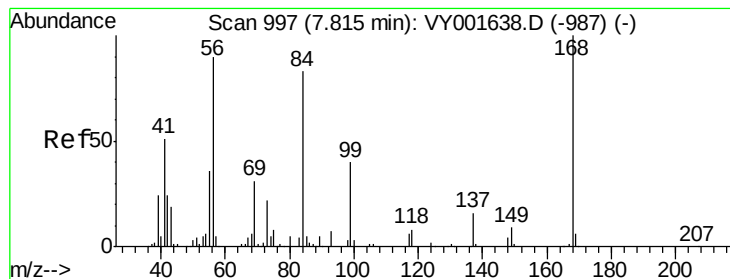
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001740.D

Acq: 21 Feb 2020 14:20

Instrument :

MSVOA_Y

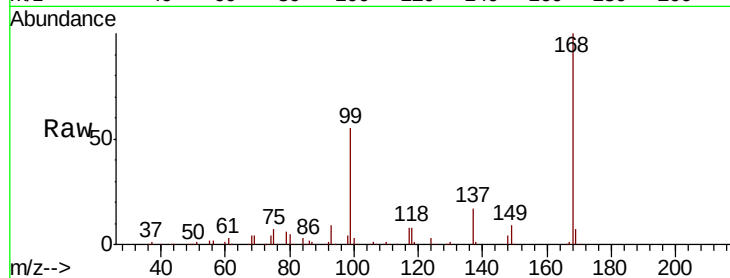
ClientSampled :

Tot Ion:168 Resp: 162460

Ion Ratio Lower Upper

168 100

99 54.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001740.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001740.D (-948) (-)

7.83

80000

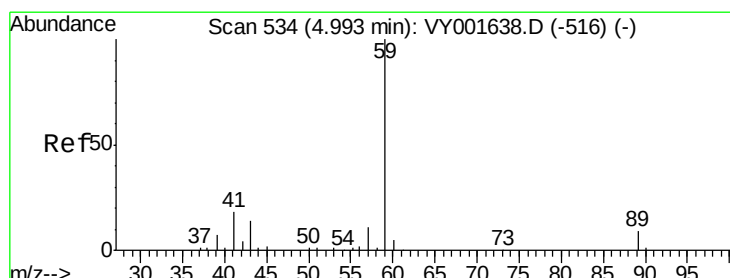
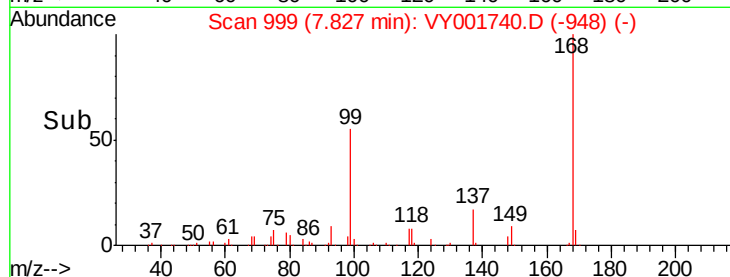
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 536

Delta R.T. 0.01 min

Lab File: VY001740.D

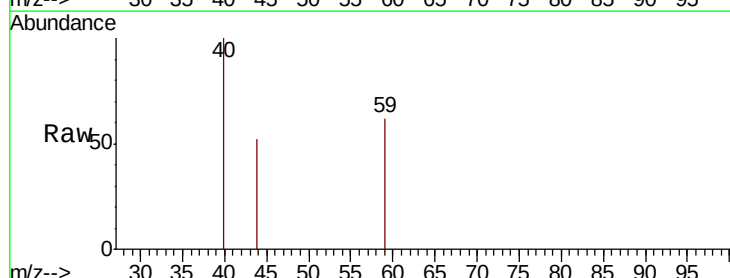
Acq: 21 Feb 2020 14:20

Tgt Ion: 59 Resp: 99

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001740.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001740.D (-485) (-)

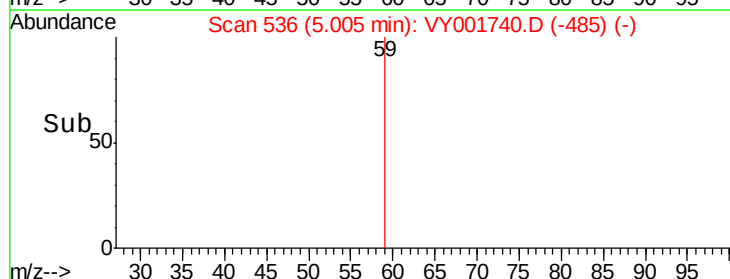
5.00

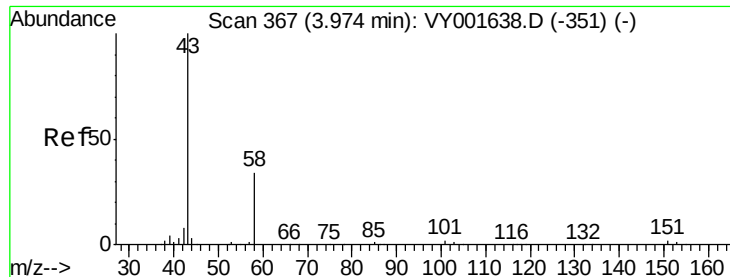
100

50

0

Time-->

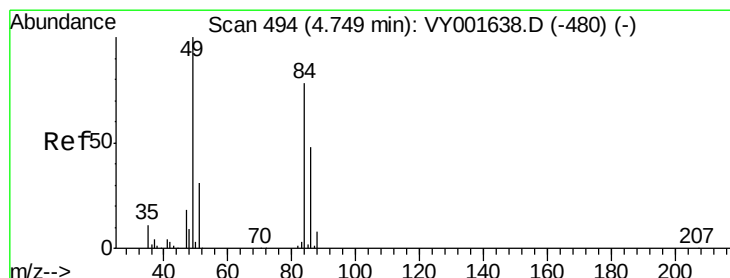
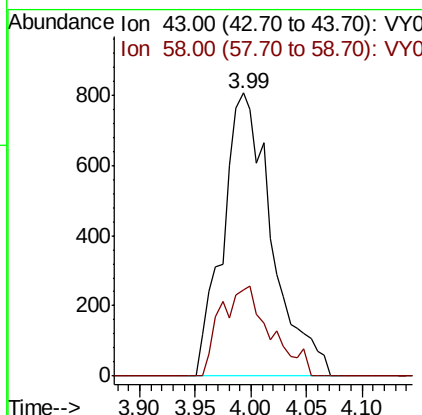
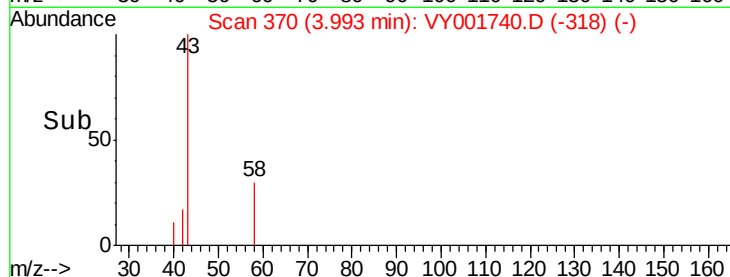
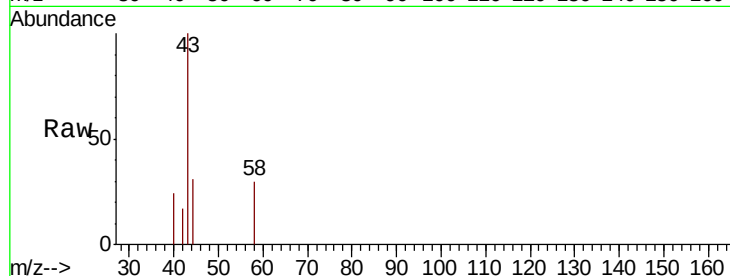




#16
Acetone
Concen: 4.075 ug/l
RT: 3.99 min Scan# 370
Delta R.T. 0.02 min
Lab File: VY001740.D
Acq: 21 Feb 2020 14:20

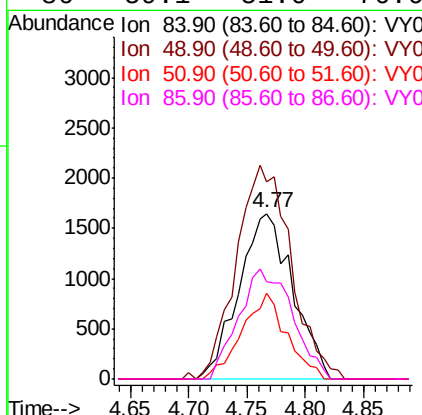
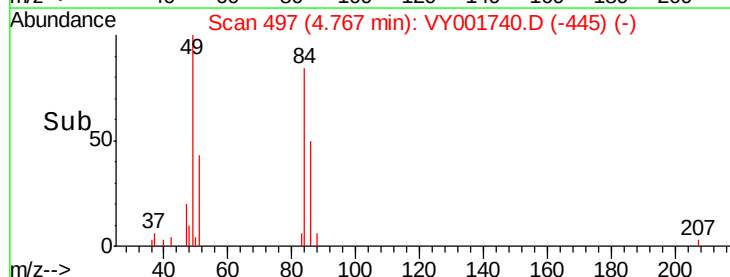
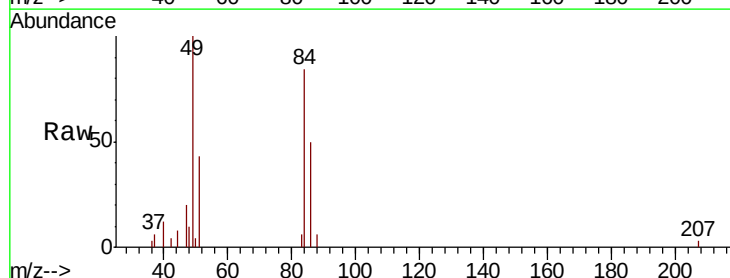
Instrument :
MSVOA_Y
ClientSampled :

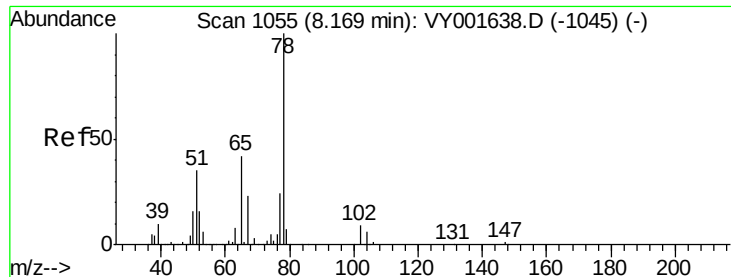
Tot Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
58 30.3 27.3 40.9



#20
Methylene Chloride
Concen: 2.460 ug/l
RT: 4.77 min Scan# 497
Delta R.T. 0.02 min
Lab File: VY001740.D
Acq: 21 Feb 2020 14:20

Tgt Ion: 84 Resp: 5283
Ion Ratio Lower Upper
84 100
49 115.5 99.2 148.8
51 51.8 31.5 47.3#
86 59.1 51.0 76.6

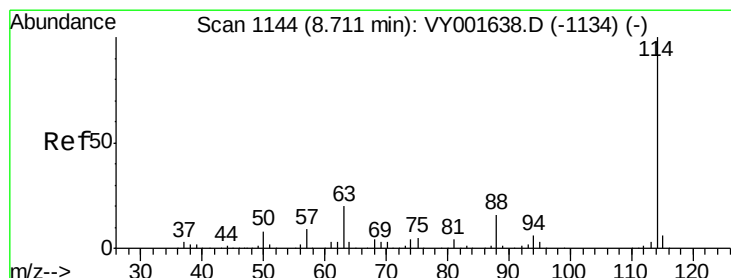
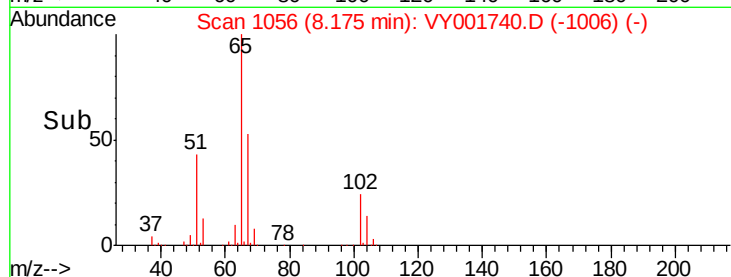
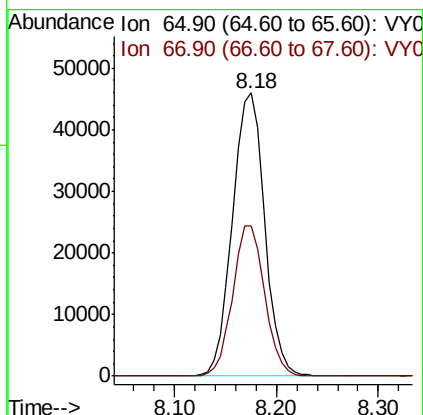
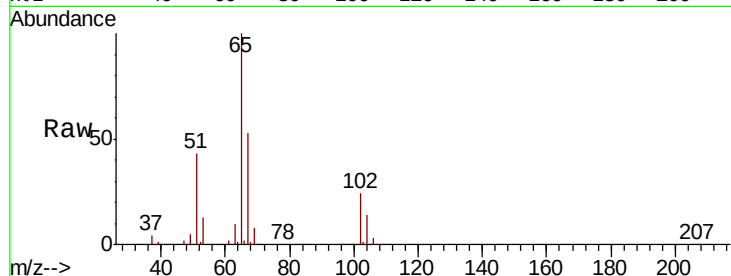




#33
 1,2-Dichloroethane-d4
 Concen: 57.524 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001740.D
 Acq: 21 Feb 2020 14:20

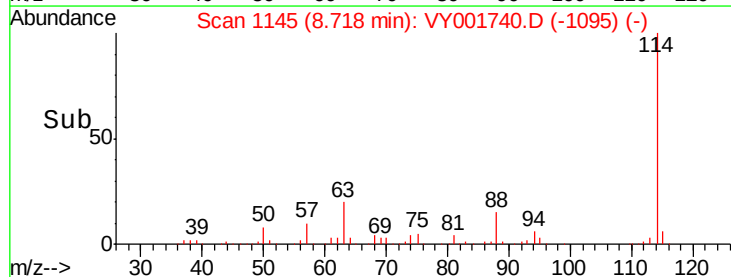
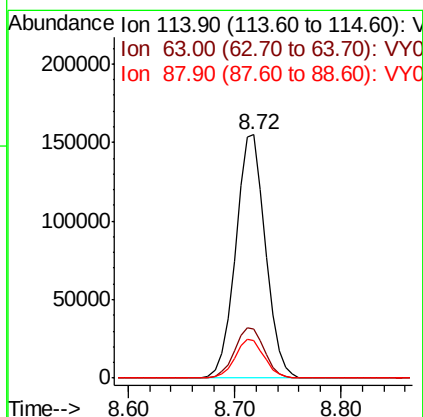
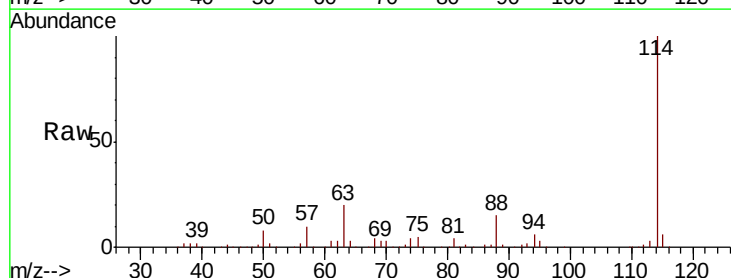
Instrument :
 MSVOA_Y
 ClientSampled :

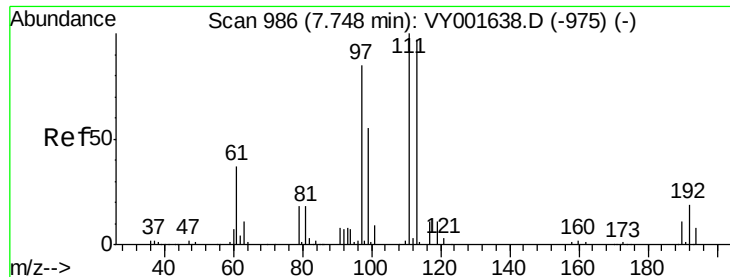
Tot Ion: 65 Resp: 100522
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001740.D
 Acq: 21 Feb 2020 14:20

Tgt Ion: 114 Resp: 304021
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.3 0.0 32.8

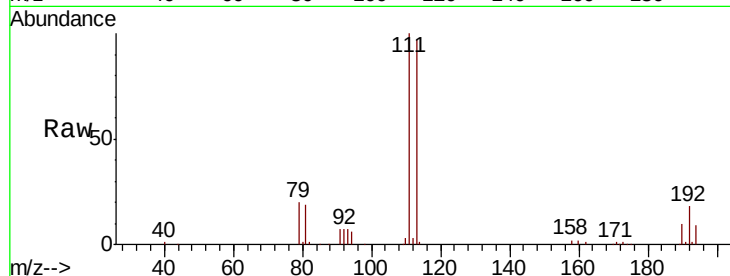




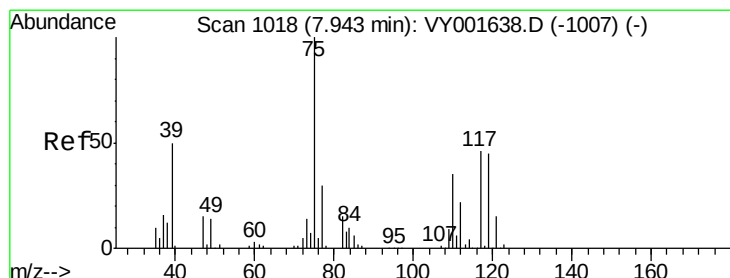
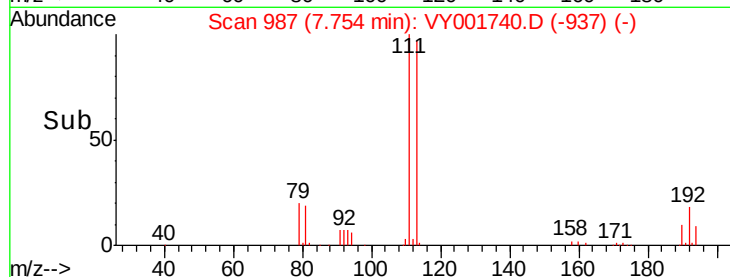
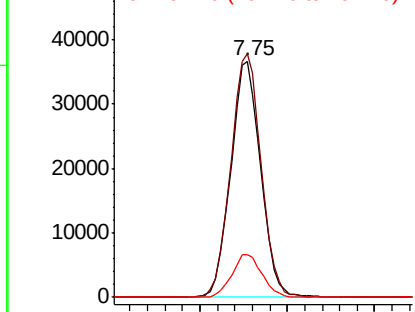
#35
 Dibromofluoromethane
 Concen: 49.950 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001740.D
 Acq: 21 Feb 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 86977
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.9 122.9
 192 18.4 14.3 21.5

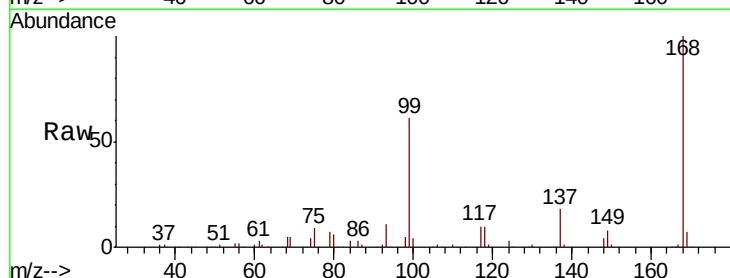


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

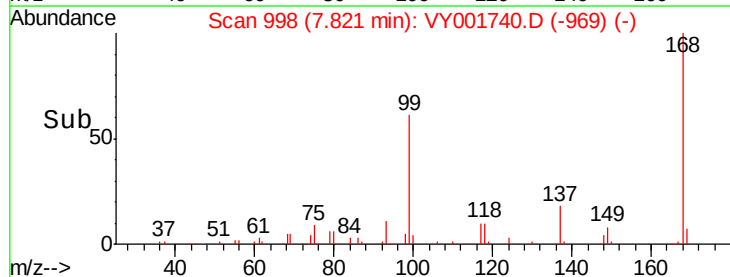
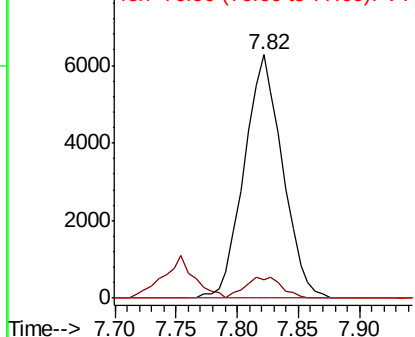


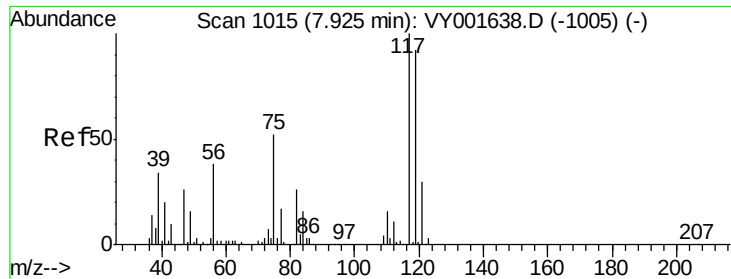
#36
 1,1-Dichloropropene
 Concen: 4.719 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001740.D
 Acq: 21 Feb 2020 14:20

Tgt Ion: 75 Resp: 13705
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.2 51.6#
 77 0.0 24.8 37.2#



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

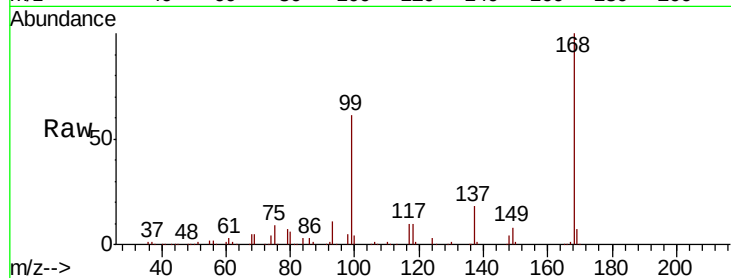




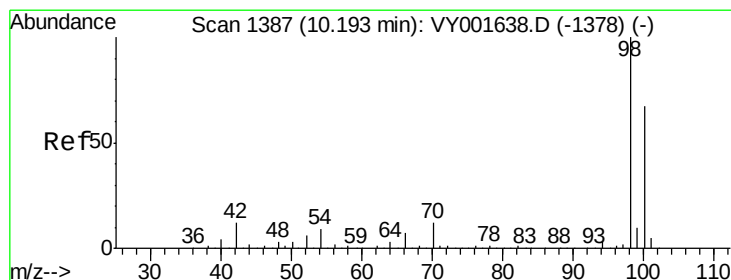
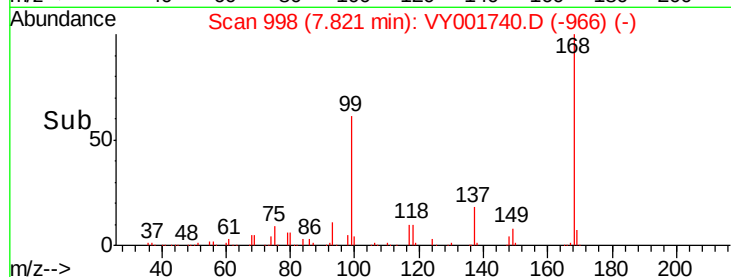
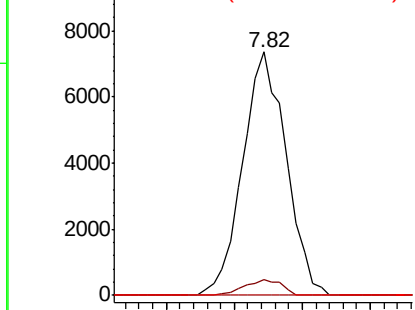
#38
Carbon Tetrachloride
Concen: 6.444 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001740.D
Acq: 21 Feb 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 16438
Ion Ratio Lower Upper
117 100
119 6.4 74.8 112.2#
121 0.0 23.8 35.6#

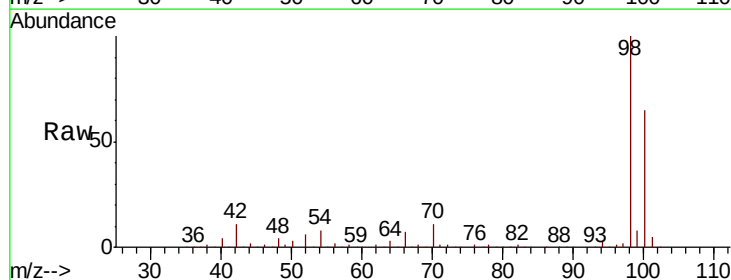


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

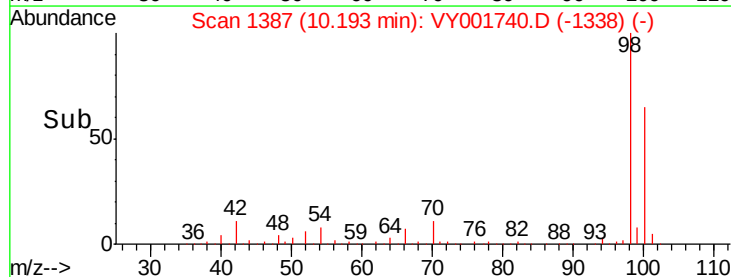
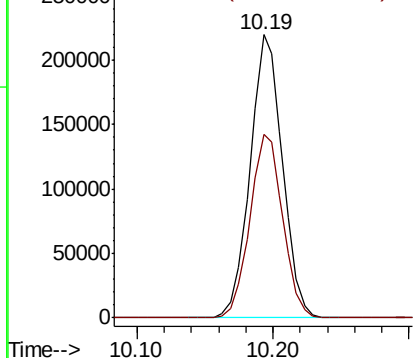


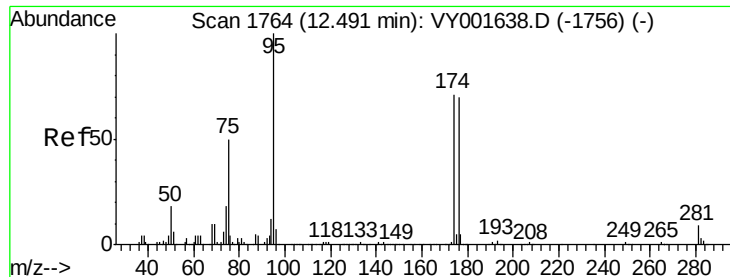
#50
Toluene-d8
Concen: 53.609 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001740.D
Acq: 21 Feb 2020 14:20

Tgt Ion: 98 Resp: 365715
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

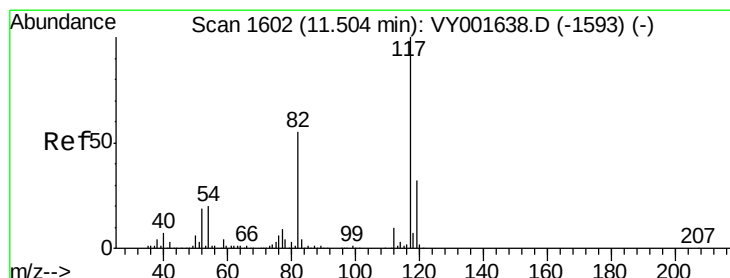
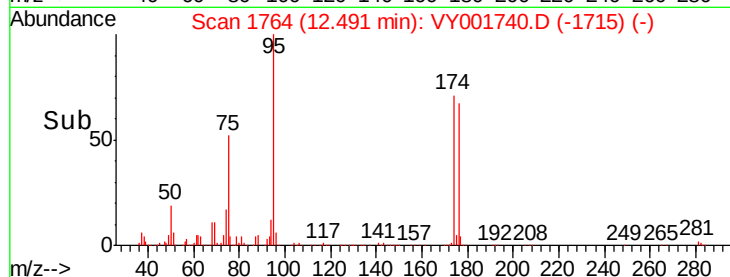
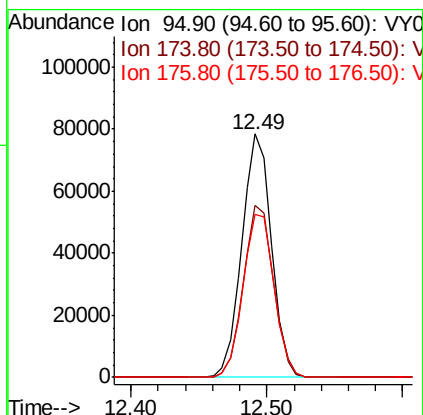
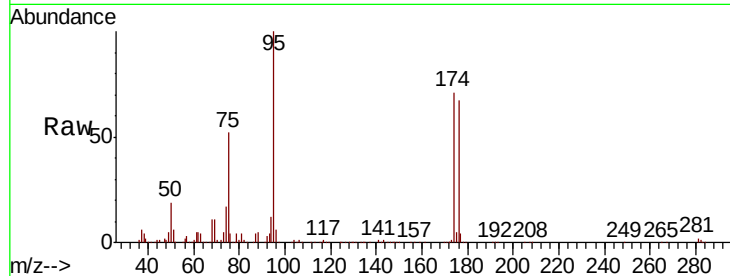




#62
4-Bromofluorobenzene
Concen: 44.940 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001740.D
Acq: 21 Feb 2020 14:20

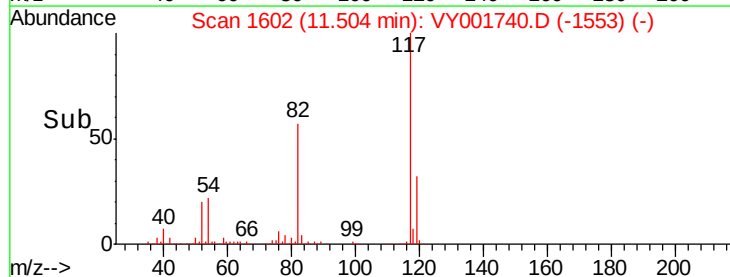
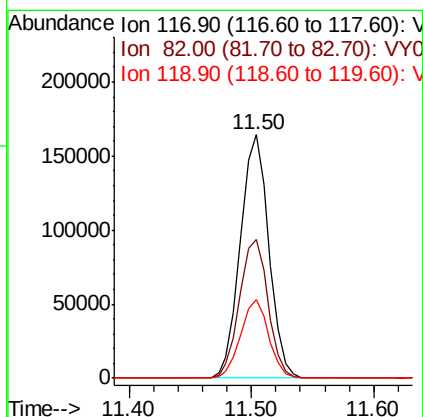
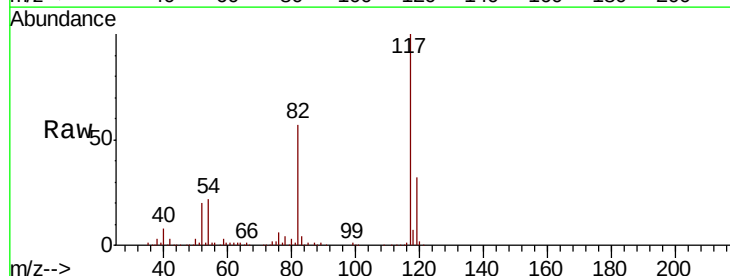
Instrument :
MSVOA_Y
ClientSampled :

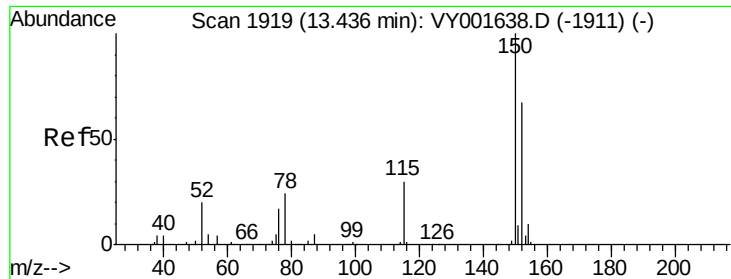
Tot Ion	95	Resp	119101
Ion Ratio	100		
Lower			
Upper			
174	72.3	0.0	138.4
176	70.6	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001740.D
Acq: 21 Feb 2020 14:20

Tgt Ion	117	Resp	264729
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	57.0	45.5	68.3
119	32.5	25.8	38.6



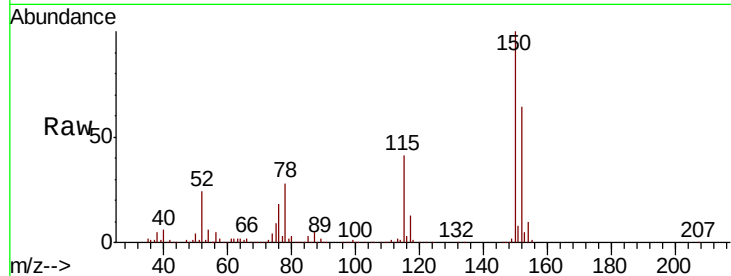


#72

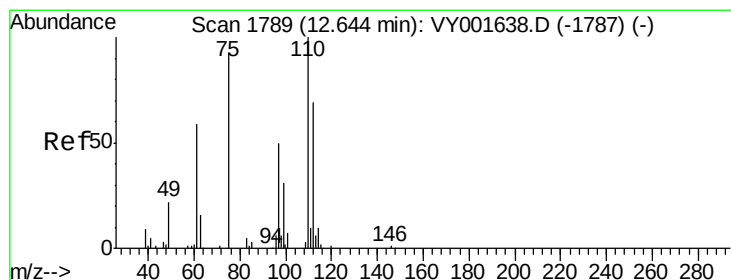
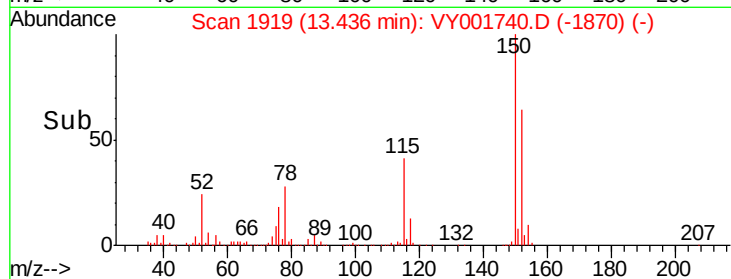
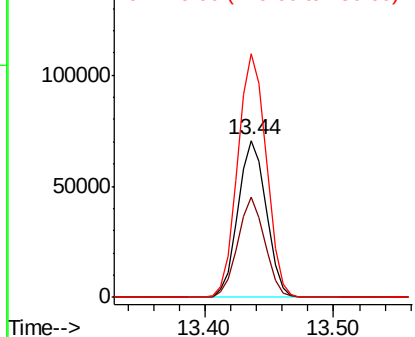
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001740.D
Acq: 21 Feb 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 107522
Ion Ratio Lower Upper
152 100
115 61.1 31.4 94.2
150 156.8 0.0 407.2



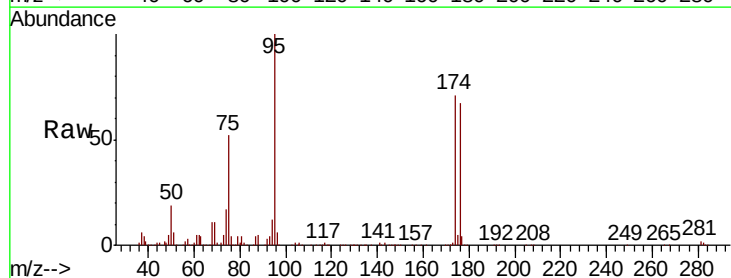
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



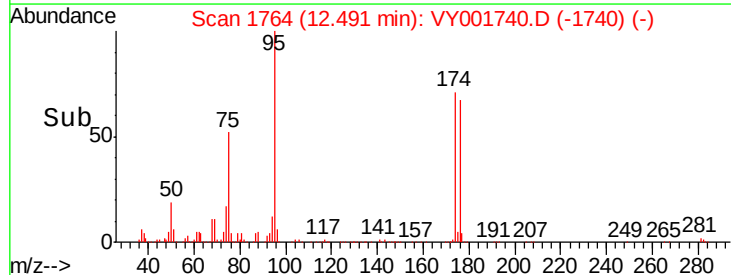
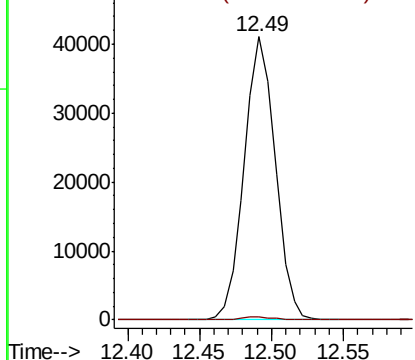
#76

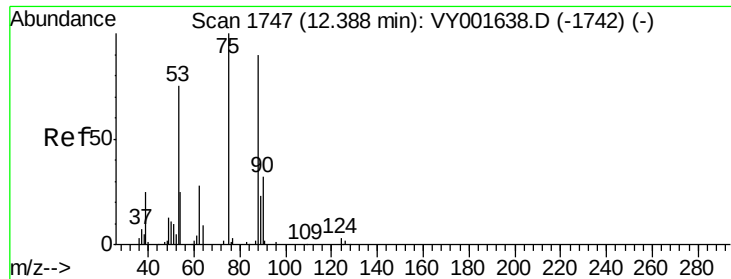
1,2,3-Trichloropropane
Concen: 49.627 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001740.D
Acq: 21 Feb 2020 14:20

Tgt Ion: 75 Resp: 61211
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: 94.151 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001740.D

Acq: 21 Feb 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

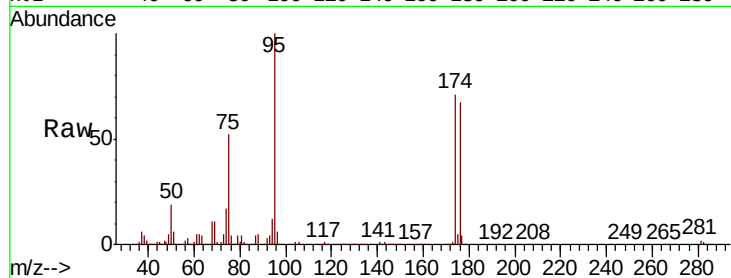
Tot Ion: 75 Resp: 61211

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

