

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001887.D
 Acq On : 05 Mar 2020 17:12
 Operator : SY/MD
 Sample : L1778-26RE
 Misc : 6.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 06 04:39:25 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	7.82	168	129218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	247509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	195087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	63353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	80577	58.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.82%	
35) Dibromofluoromethane	7.74	113	71923	53.22	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	106.44%	
50) Toluene-d8	10.19	98	284136	49.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.49	95	77819	39.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.54%	

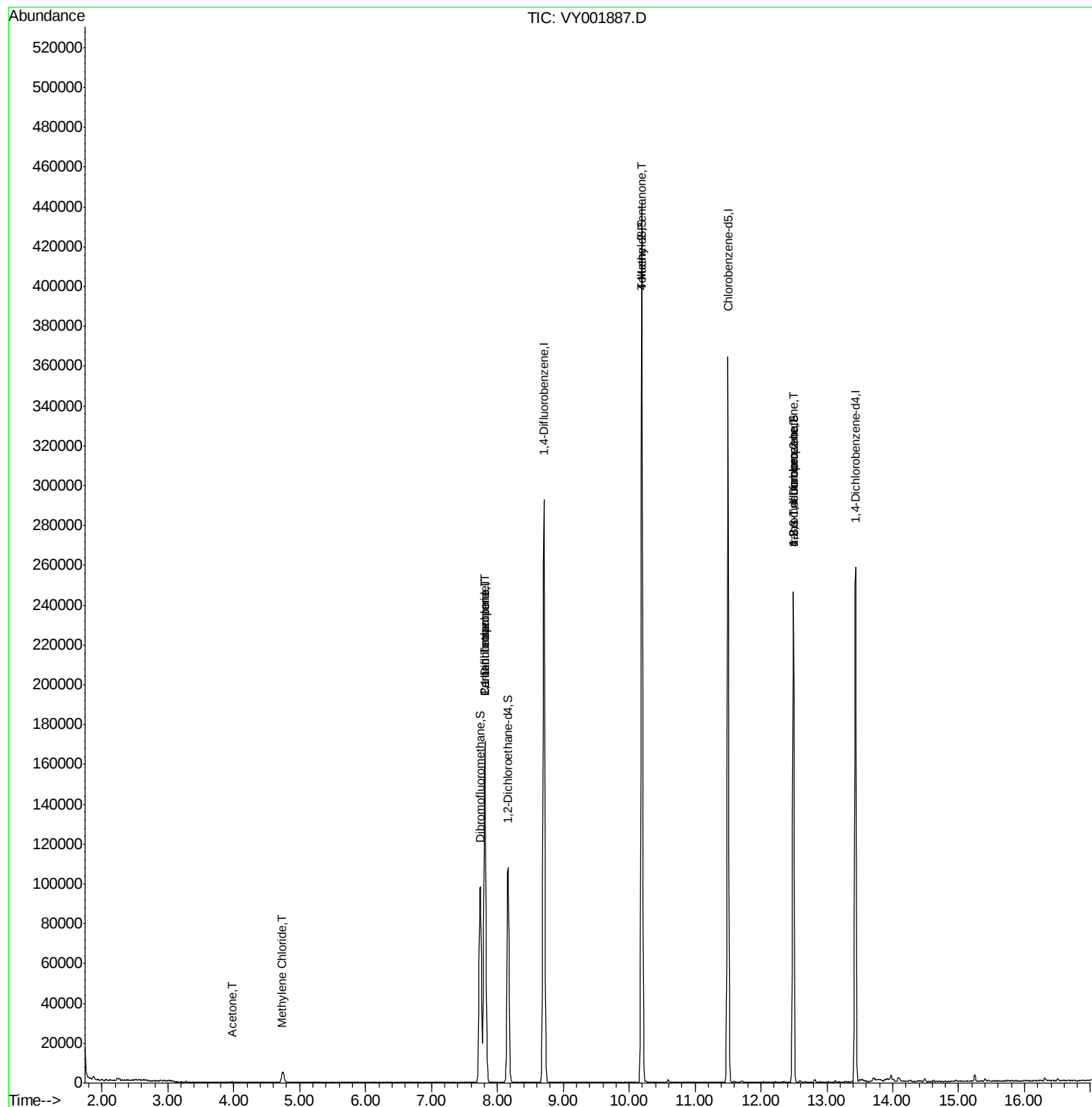
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.93	59	20	Below Cal	#	74
16) Acetone	3.96	43	630	1.568	ug/l #	42
20) Methylene Chloride	4.73	84	1946	1.130	ug/l #	88
36) 1,1-Dichloropropene	7.81	75	11016	4.625	ug/l #	49
38) Carbon Tetrachloride	7.82	117	13768	6.767	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1517	1.124	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.64	63	23	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.49	75	40095	53.337	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	40095	107.739	ug/l #	17

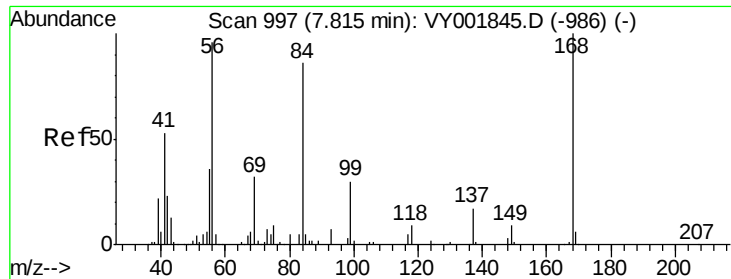
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
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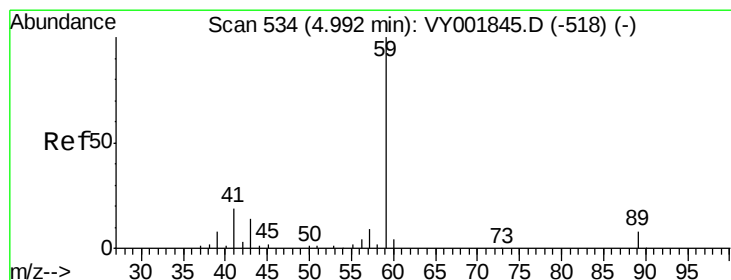
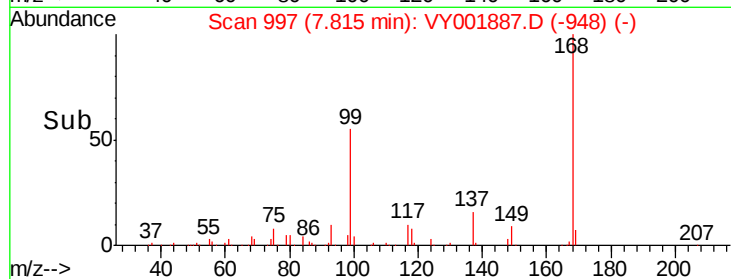
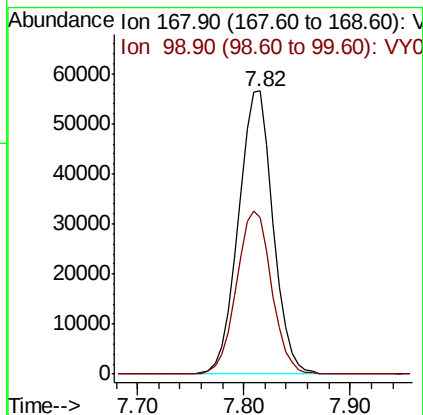
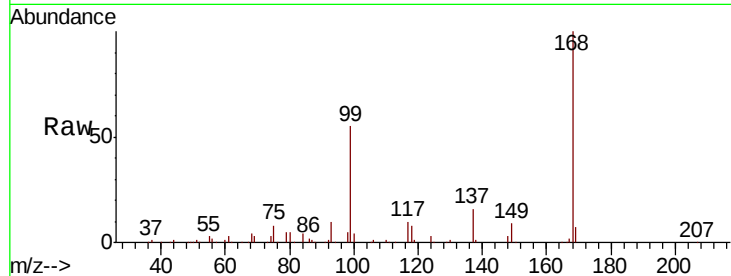


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VY001887.D
 Acq: 05 Mar 2020 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :

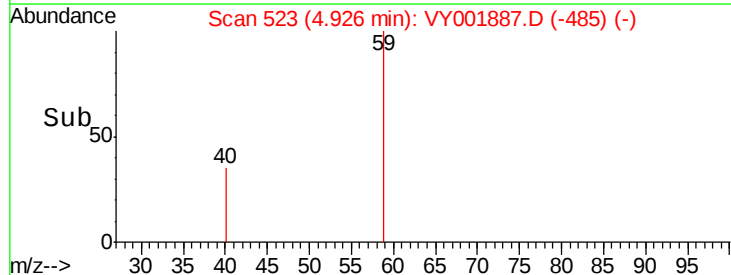
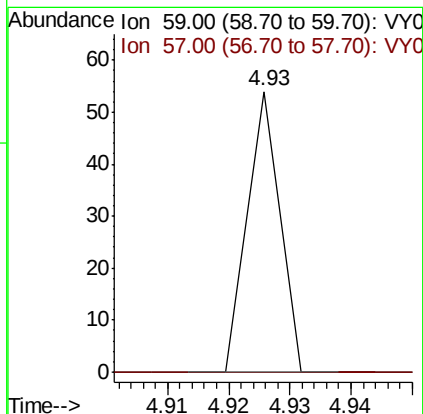
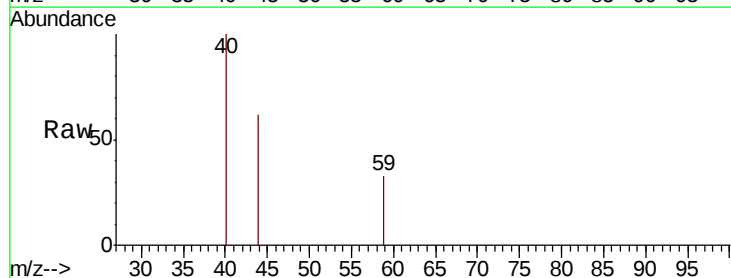
Tot Ion:168 Resp: 129218
 Ion Ratio Lower Upper
 168 100
 99 55.4 46.7 70.1

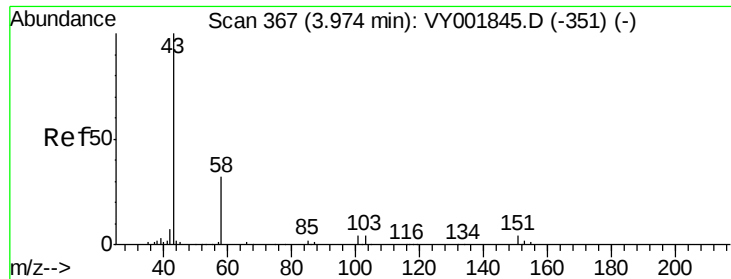


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.93 min Scan# 523
 Delta R.T. -0.07 min
 Lab File: VY001887.D
 Acq: 05 Mar 2020 17:12

Tgt Ion: 59 Resp: 20
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#





#16

Acetone

Concen: 1.568 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001887.D

Acq: 05 Mar 2020 17:12

Instrument :

MSVOA_Y

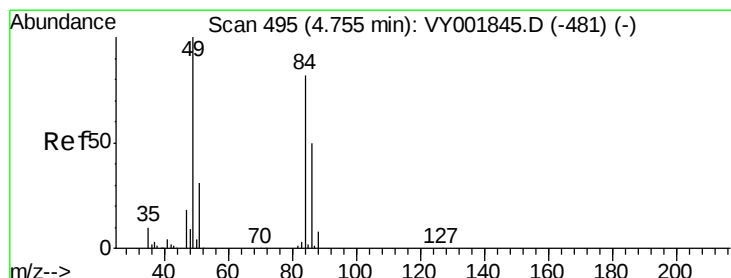
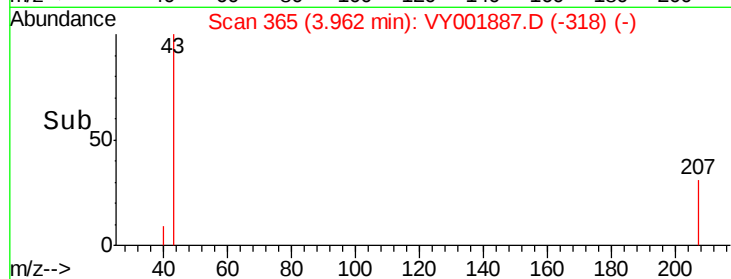
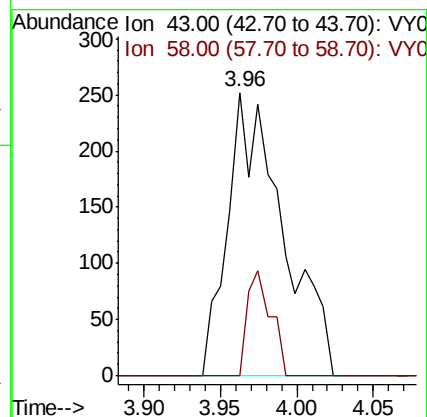
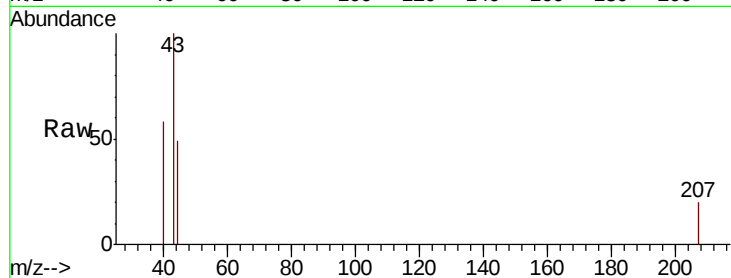
ClientSampled :

Tot Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



#20

Methylene Chloride

Concen: 1.130 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.02 min

Lab File: VY001887.D

Acq: 05 Mar 2020 17:12

Tgt Ion: 84 Resp: 1946

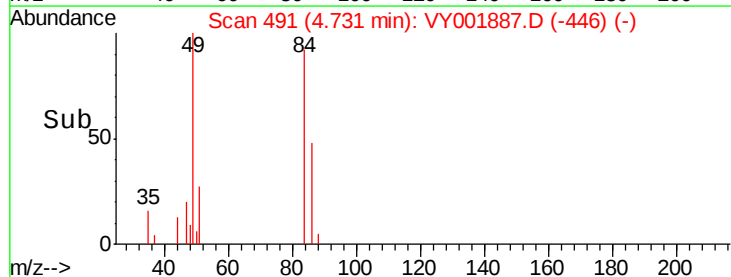
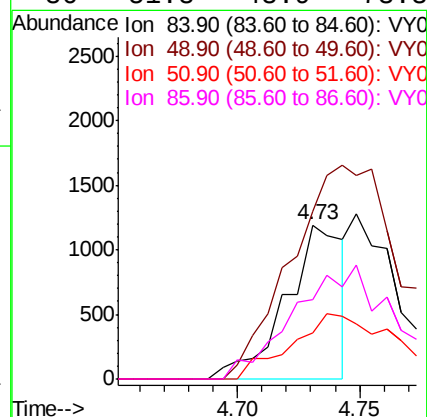
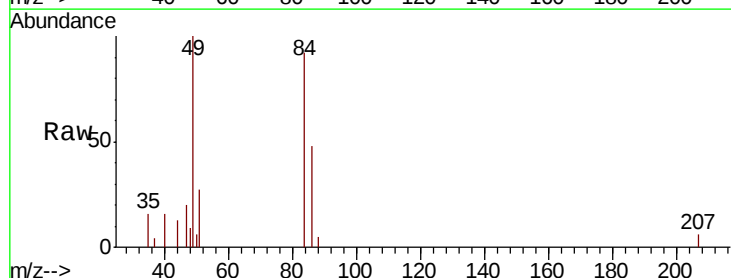
Ion Ratio Lower Upper

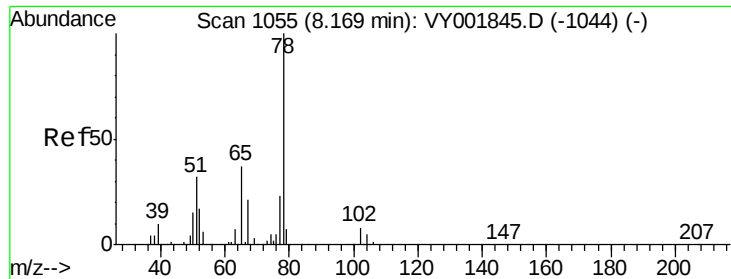
84 100

49 108.9 98.2 147.2

51 29.6 30.2 45.2#

86 51.8 48.9 73.3

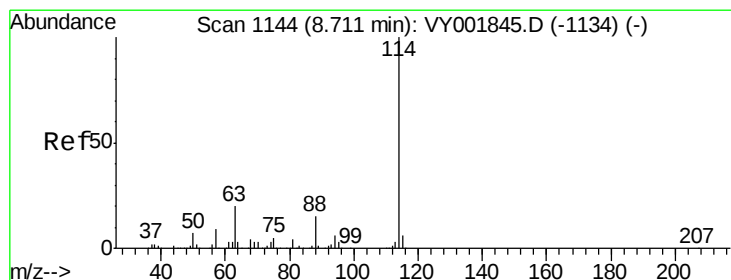
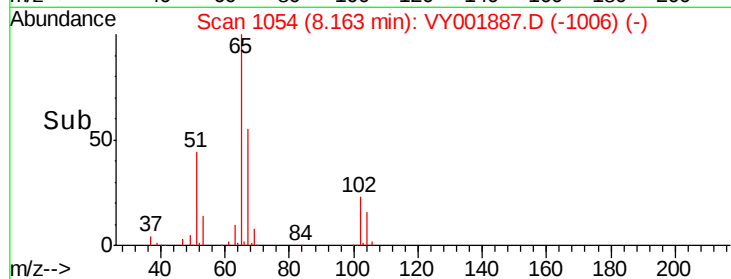
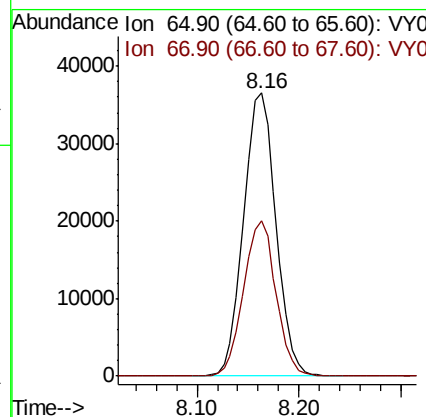
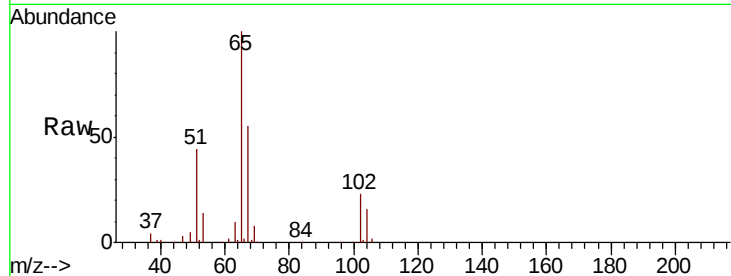




#33
 1,2-Dichloroethane-d4
 Concen: 58.411 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001887.D
 Acq: 05 Mar 2020 17:12

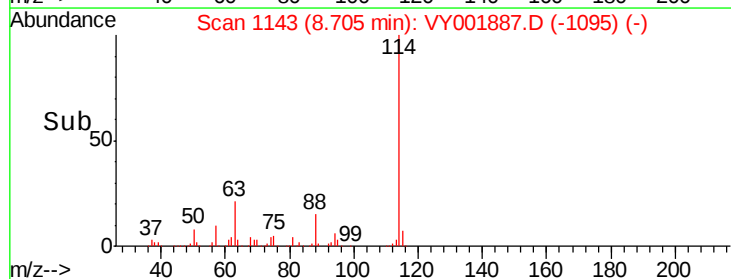
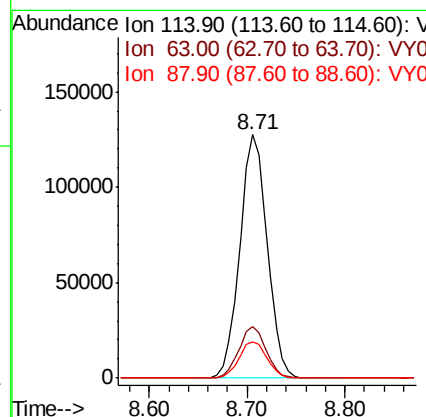
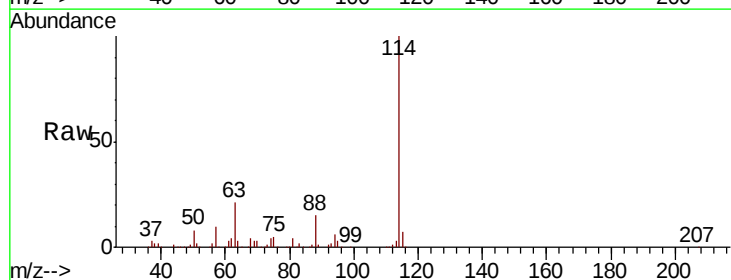
Instrument :
 MSVOA_Y
 ClientSampleId :

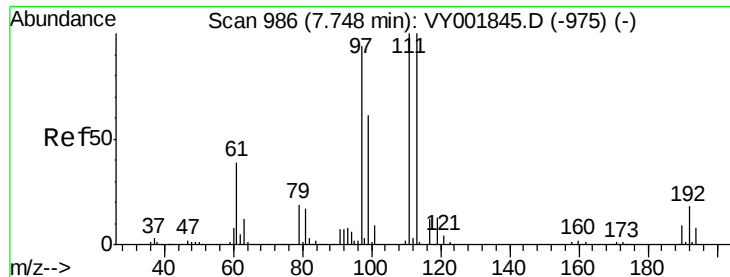
Tot Ion: 65 Resp: 80577
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001887.D
 Acq: 05 Mar 2020 17:12

Tgt Ion: 114 Resp: 247509
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.4
 88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.217 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001887.D

Acq: 05 Mar 2020 17:12

Instrument :

MSVOA_Y

ClientSampleId :

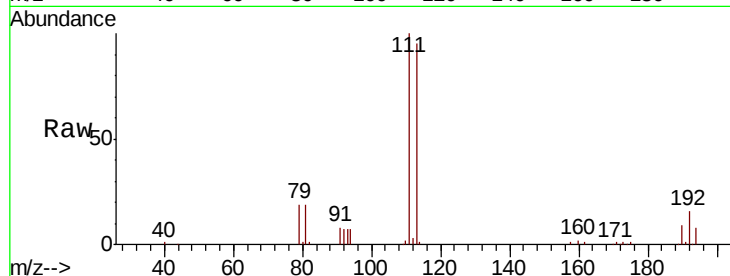
Tot Ion:113 Resp: 71923

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

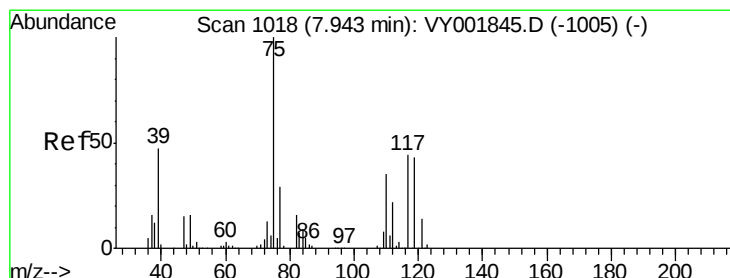
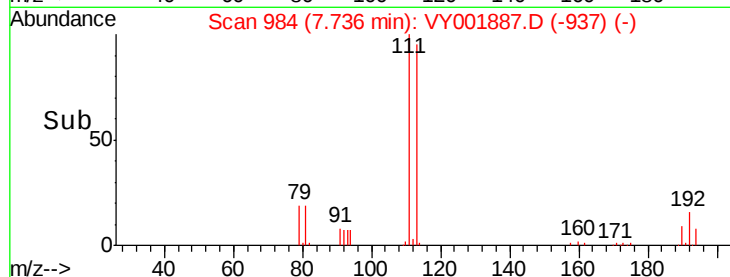
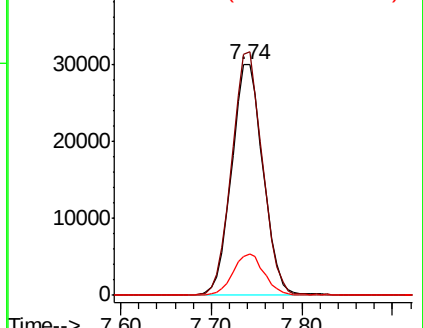
192 17.5 14.2 21.2



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: 4.625 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001887.D

Acq: 05 Mar 2020 17:12

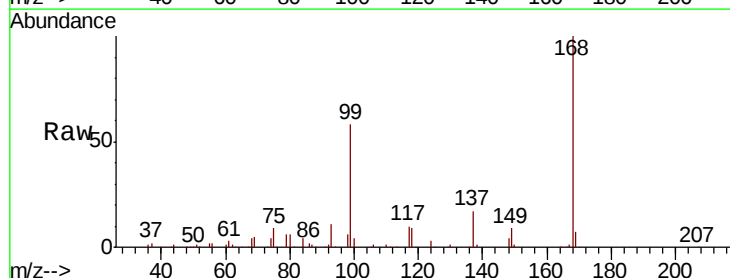
Tgt Ion: 75 Resp: 11016

Ion Ratio Lower Upper

75 100

110 8.1 17.4 52.2#

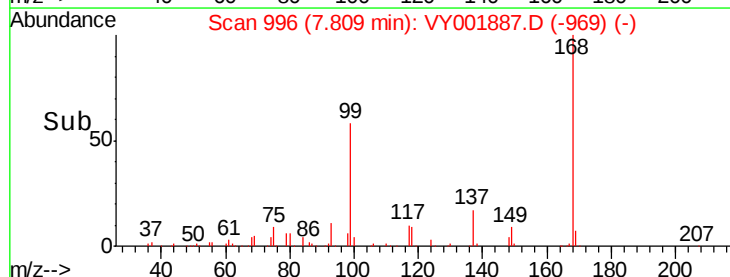
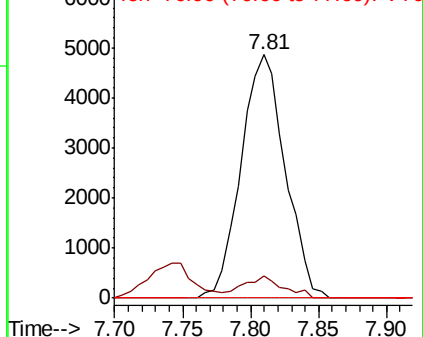
77 0.0 24.2 36.2#

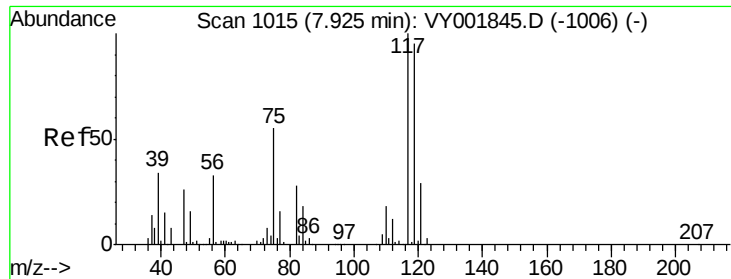


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

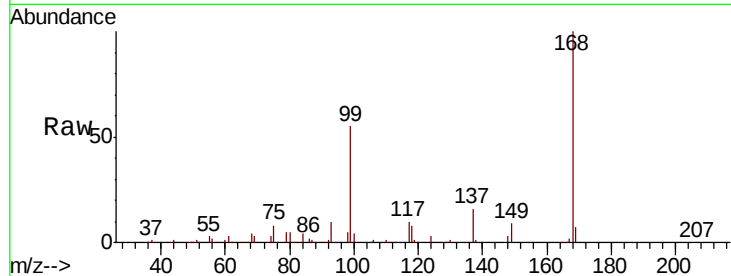




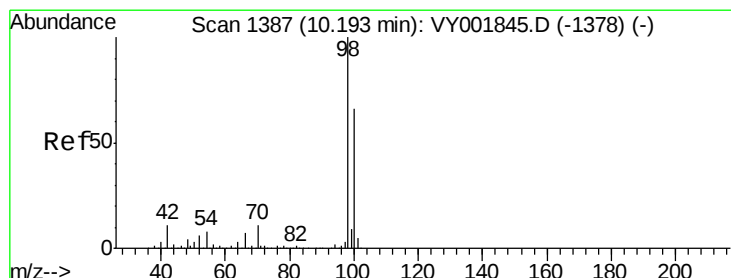
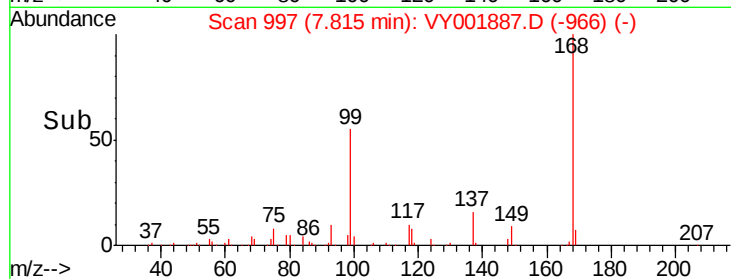
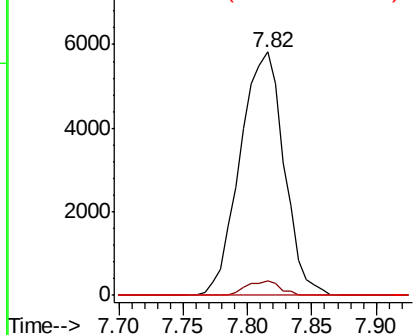
#38
Carbon Tetrachloride
Concen: 6.767 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001887.D
Acq: 05 Mar 2020 17:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 13768
Ion Ratio Lower Upper
117 100
119 6.1 76.3 114.5#
121 0.0 23.5 35.3#

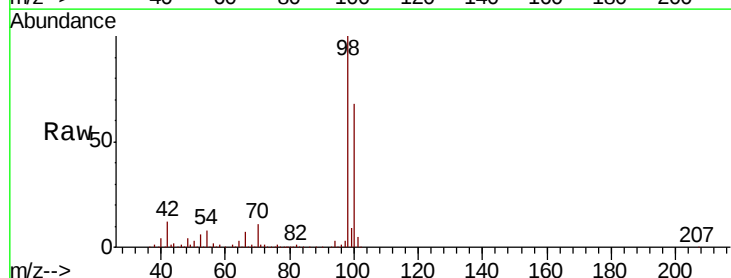


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

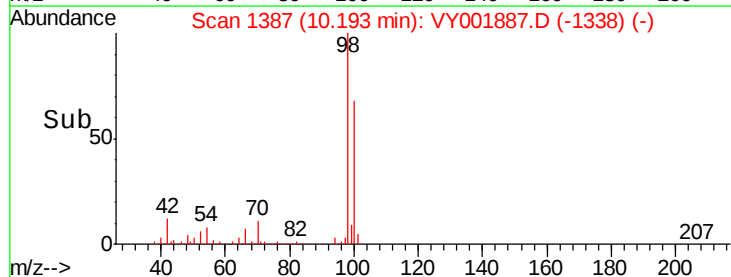
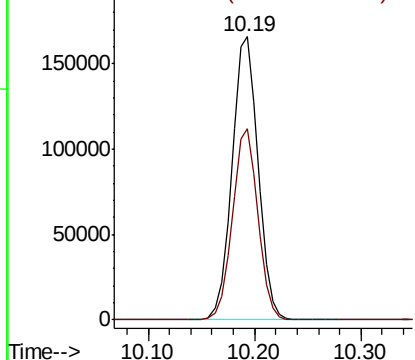


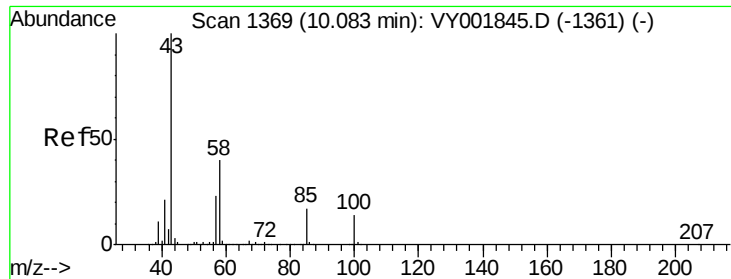
#50
Toluene-d8
Concen: 49.856 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001887.D
Acq: 05 Mar 2020 17:12

Tgt Ion: 98 Resp: 284136
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.124 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY001887.D

Acq: 05 Mar 2020 17:12

Instrument :

MSVOA_Y

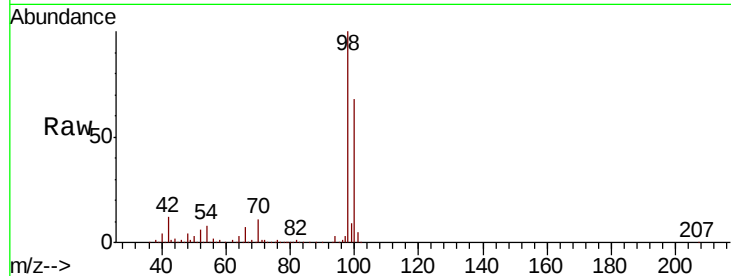
ClientSampled :

Tot Ion: 43 Resp: 1517

Ion Ratio Lower Upper

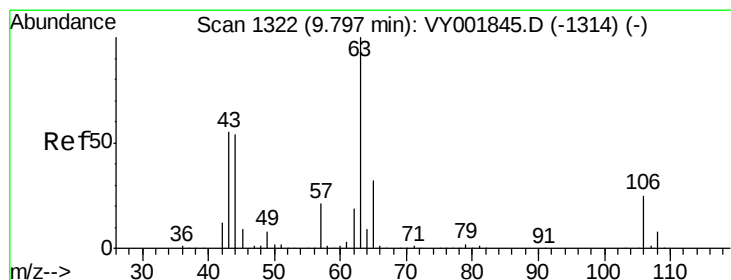
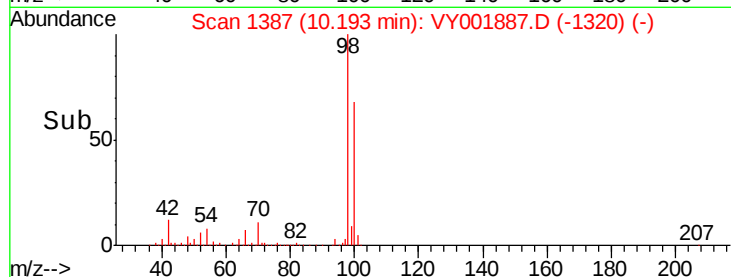
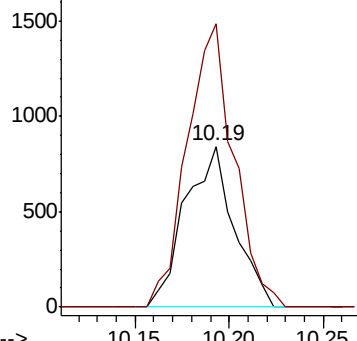
43 100

58 168.7 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.64 min Scan# 1297

Delta R.T. -0.15 min

Lab File: VY001887.D

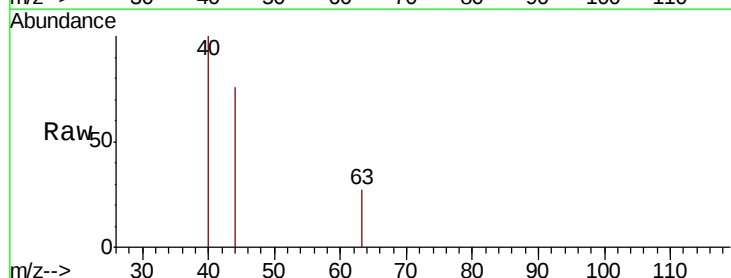
Acq: 05 Mar 2020 17:12

Tgt Ion: 63 Resp: 23

Ion Ratio Lower Upper

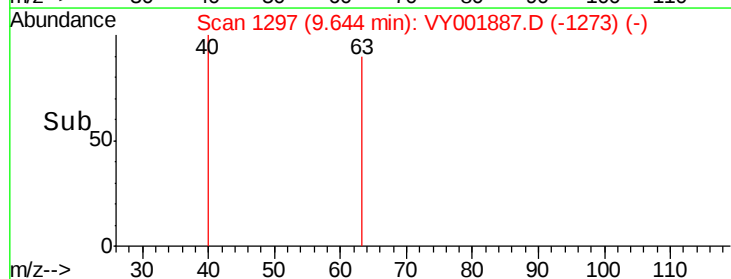
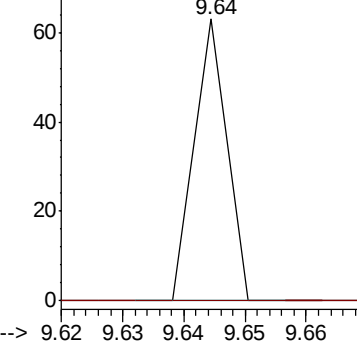
63 100

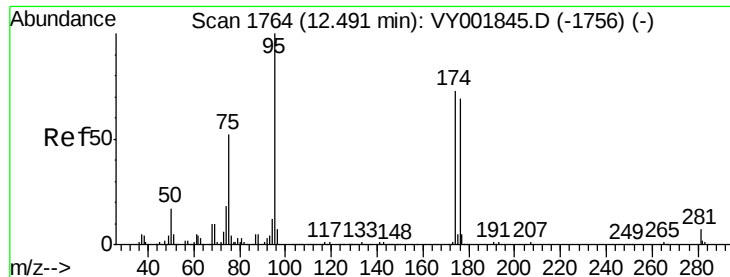
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

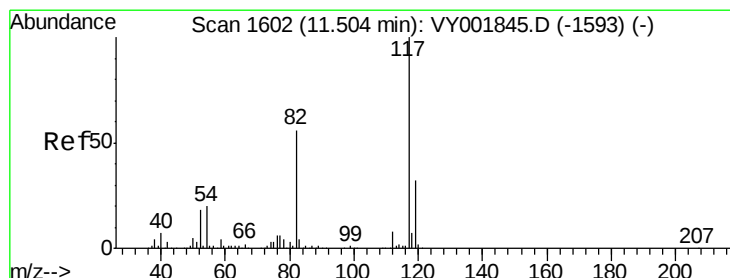
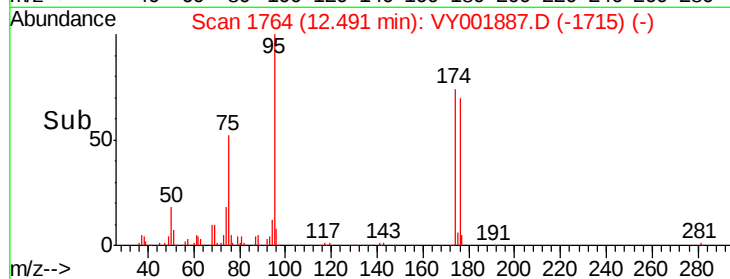
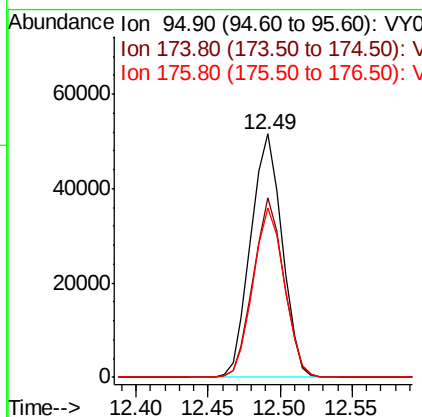
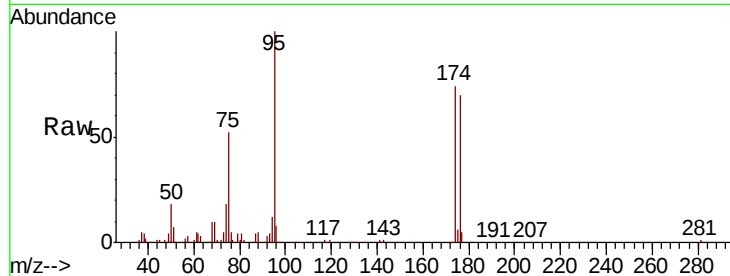




#62
4-Bromofluorobenzene
Concen: 39.270 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001887.D
Acq: 05 Mar 2020 17:12

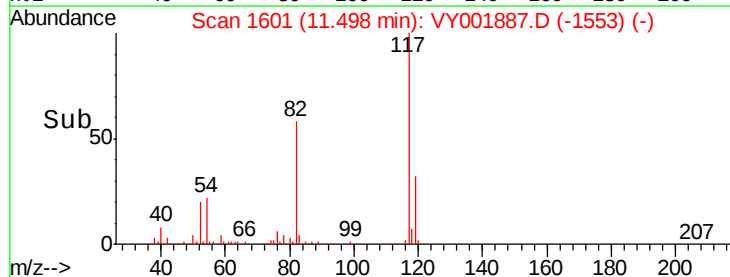
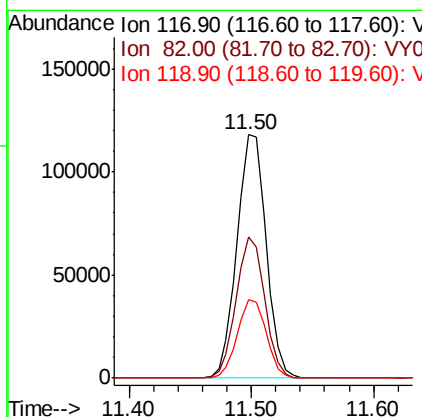
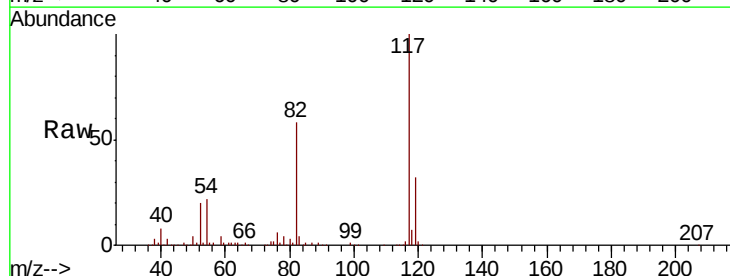
Instrument :
MSVOA_Y
ClientSampleId :

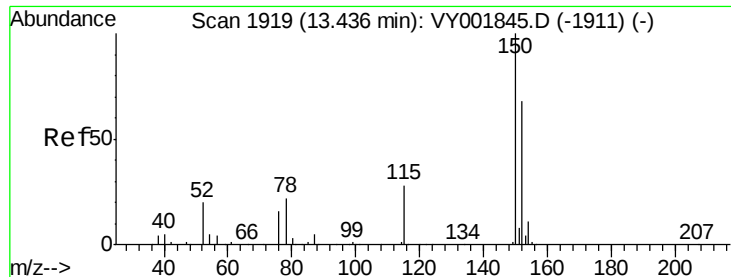
Tot Ion: 95 Resp: 77819
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.0
176 69.5 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001887.D
Acq: 05 Mar 2020 17:12

Tgt Ion: 117 Resp: 195087
Ion Ratio Lower Upper
117 100
82 58.1 44.5 66.7
119 32.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001887.D

Acq: 05 Mar 2020 17:12

Instrument :

MSVOA_Y

ClientSampleId :

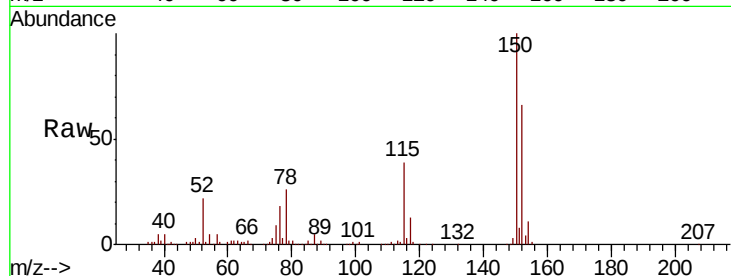
Tot Ion:152 Resp: 63353

Ion Ratio Lower Upper

152 100

115 61.0 29.9 89.7

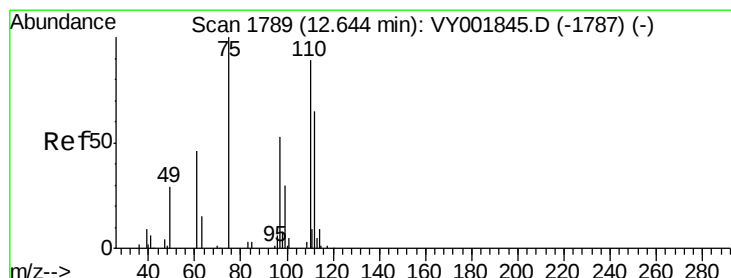
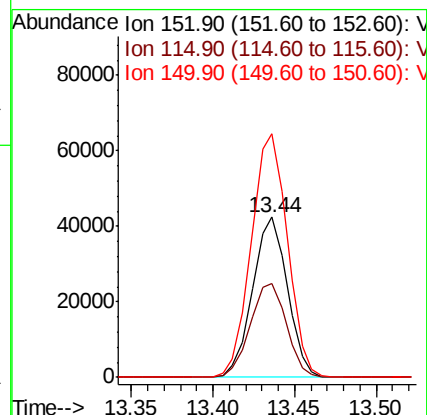
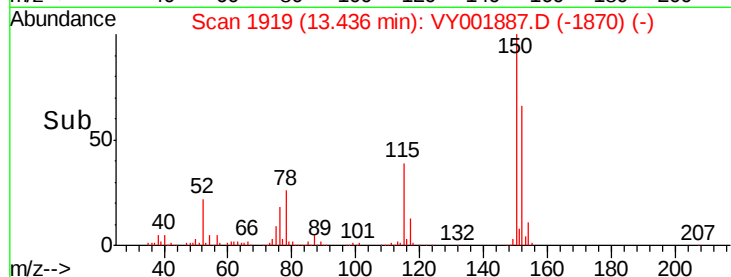
150 157.7 0.0 340.6



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: 53.337 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001887.D

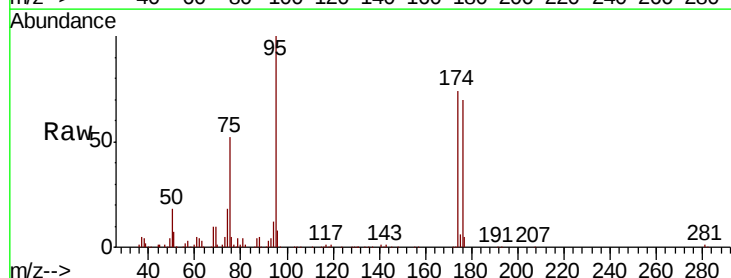
Acq: 05 Mar 2020 17:12

Tgt Ion: 75 Resp: 40095

Ion Ratio Lower Upper

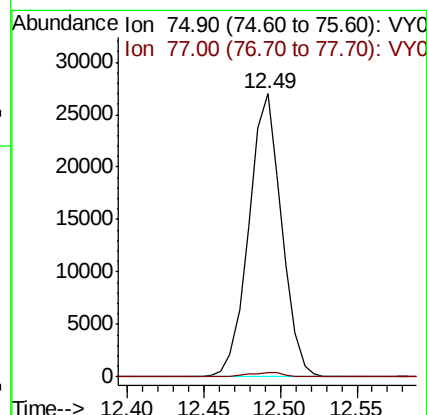
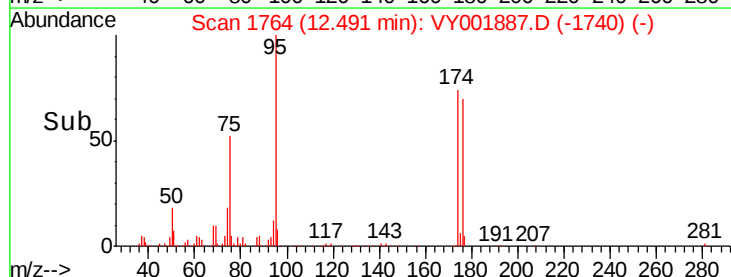
75 100

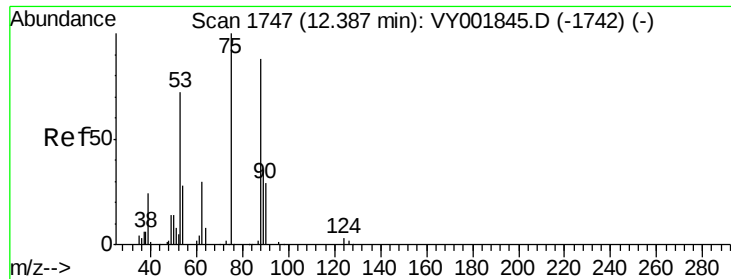
77 1.5 0.0 0.0#



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: 107.739 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001887.D
 Acq: 05 Mar 2020 17:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 40095
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.4 98.0#
 89 0.1 36.0 54.0#

