

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001309.D
 Acq On : 20 Jan 2020 20:20
 Operator : SY/MD
 Sample : L1181-02
 Misc : 6.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:04:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	184579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	335397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	309434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	145252	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	105582	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
35) Dibromofluoromethane	7.75	113	97503	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
50) Toluene-d8	10.20	98	393276	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.50	95	147296	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	

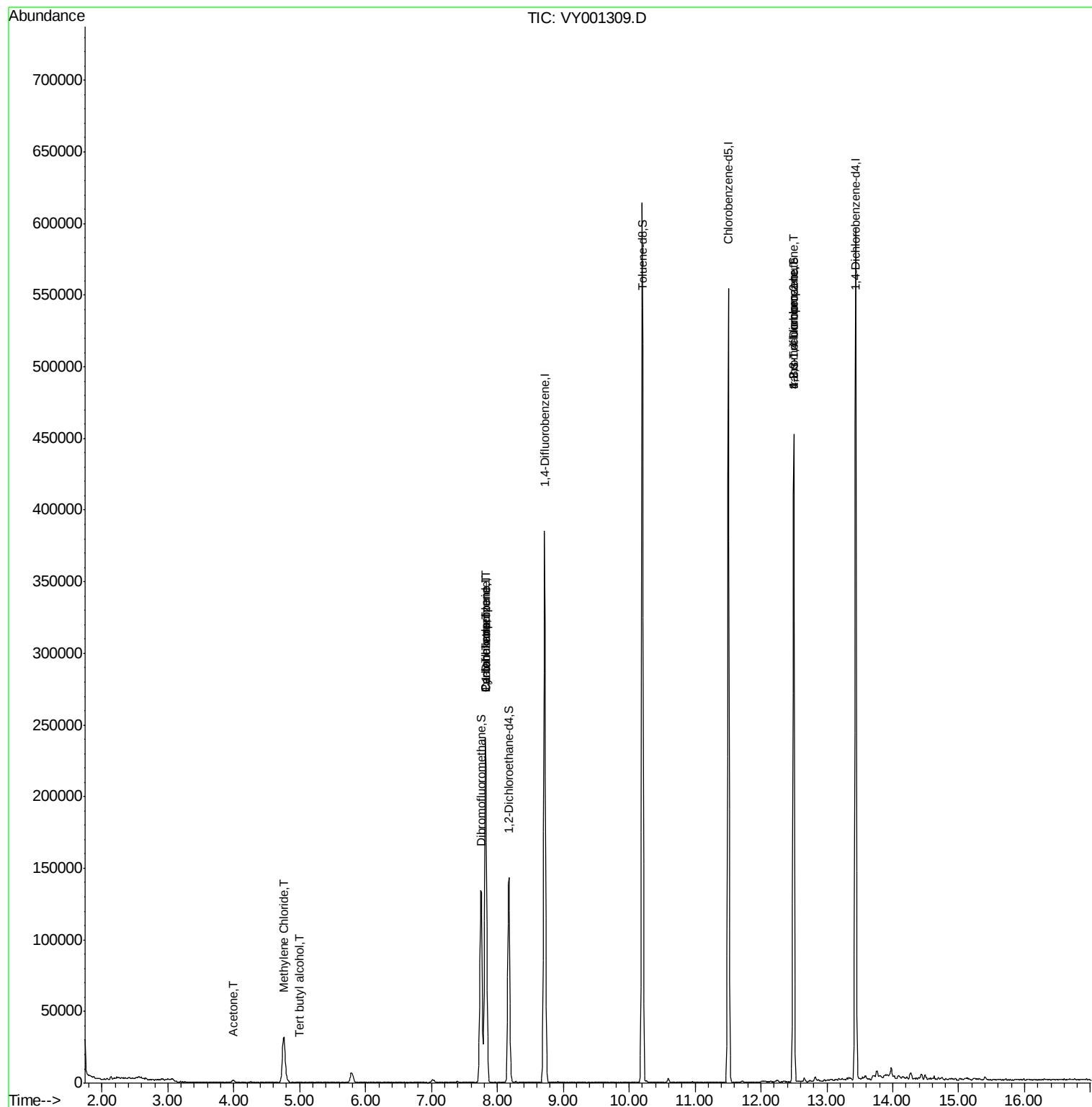
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	248	1.264	ug/l #	73
16) Acetone	4.00	43	2932	6.476	ug/l	95
20) Methylene Chloride	4.76	84	24646	6.923	ug/l	94
31) Cyclohexane	7.82	56	4039	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	14121	4.619	ug/l #	48
38) Carbon Tetrachloride	7.82	117	18000	6.425	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	72896	46.880	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	72896	79.499	ug/l #	6

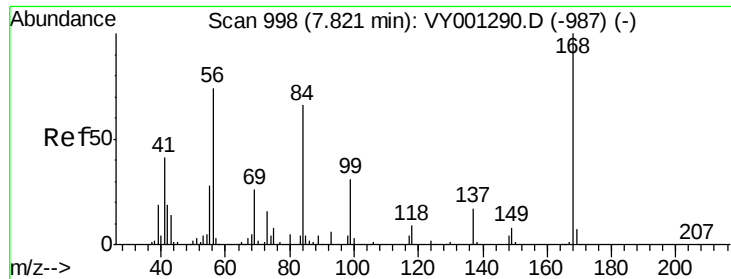
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001309.D

Acq: 20 Jan 2020 20:20

Instrument :

MSVOA_Y

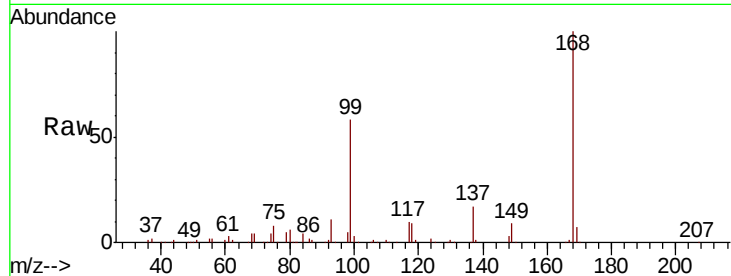
ClientSampleId :

Tot Ion:168 Resp: 184579

Ion Ratio Lower Upper

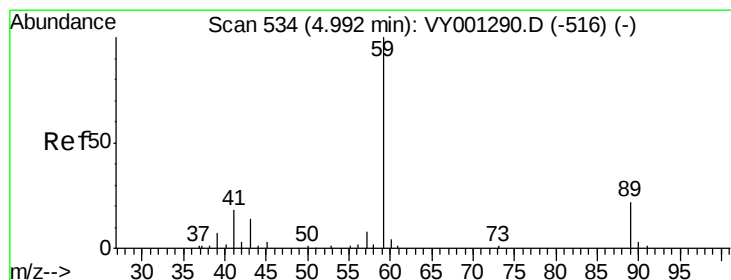
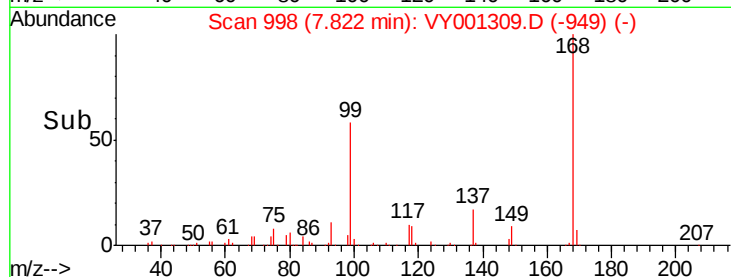
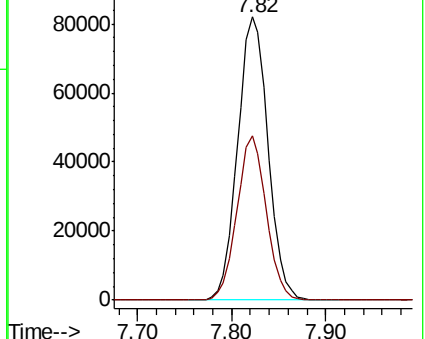
168 100

99 57.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)



#11

Tert butyl alcohol

Concen: 1.264 ug/l

RT: 4.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: VY001309.D

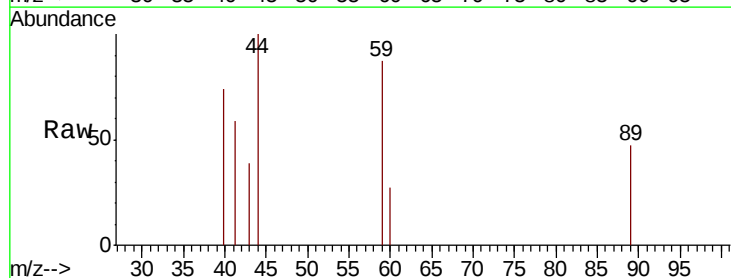
Acq: 20 Jan 2020 20:20

Tgt Ion: 59 Resp: 248

Ion Ratio Lower Upper

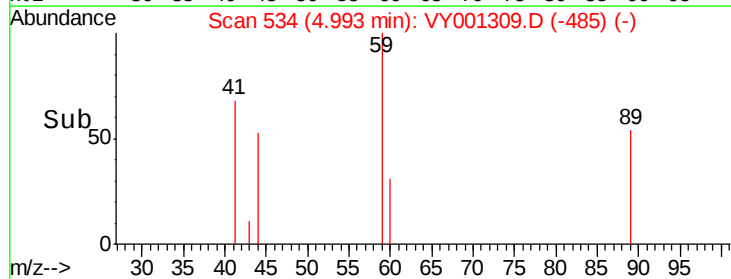
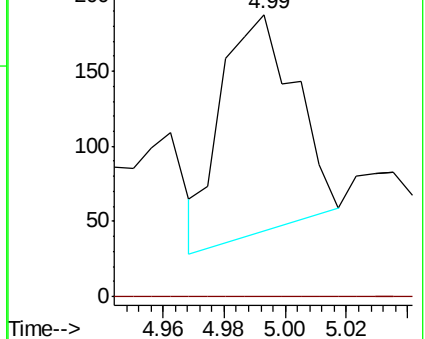
59 100

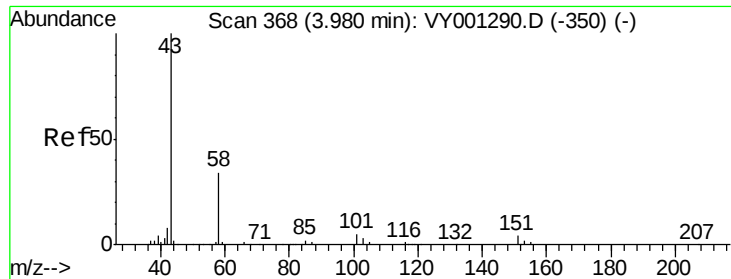
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001290.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001290.D (-516) (-)





#16

Acetone

Concen: 6.476 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.02 min

Lab File: VY001309.D

Acq: 20 Jan 2020 20:20

Instrument :

MSVOA_Y

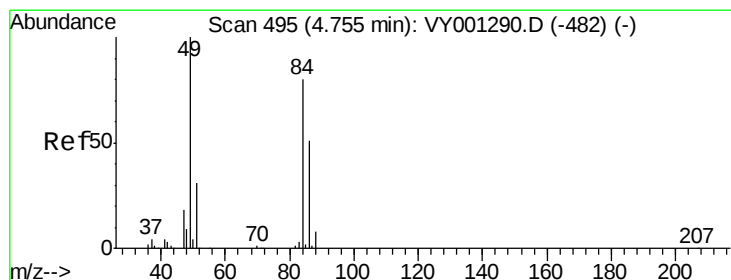
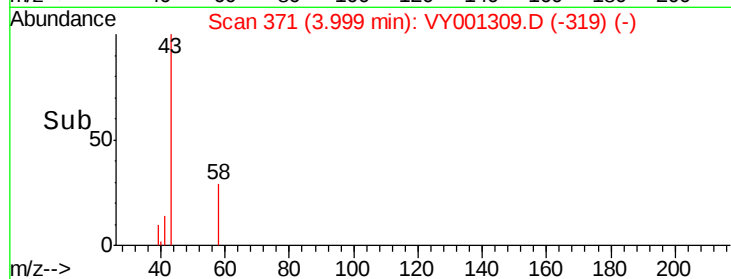
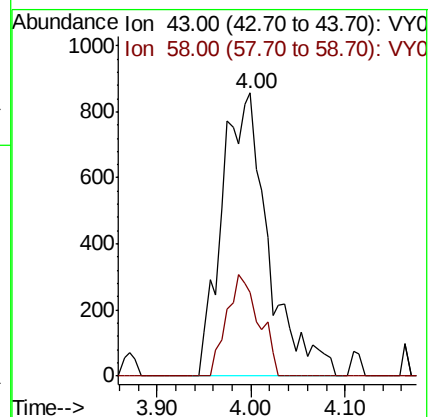
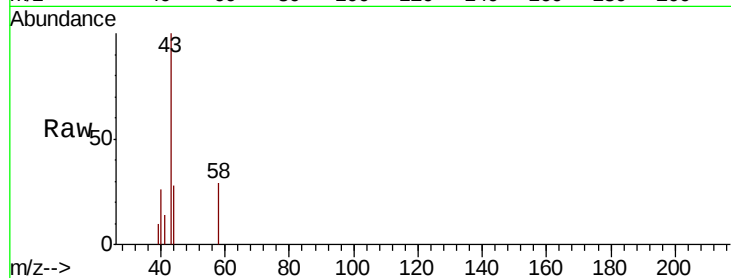
ClientSampleId :

Tot Ion: 43 Resp: 2932

Ion Ratio Lower Upper

43 100

58 29.4 25.8 38.6



#20

Methylene Chloride

Concen: 6.923 ug/l

RT: 4.76 min Scan# 495

Delta R.T. 0.00 min

Lab File: VY001309.D

Acq: 20 Jan 2020 20:20

Tgt Ion: 84 Resp: 24646

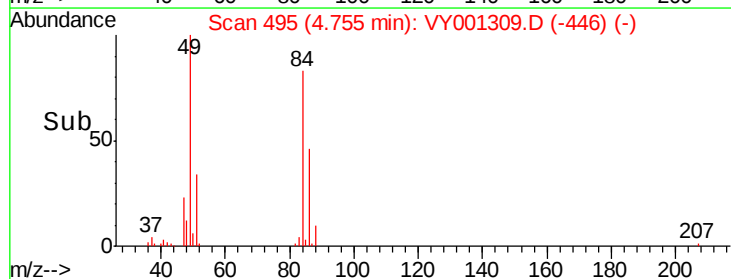
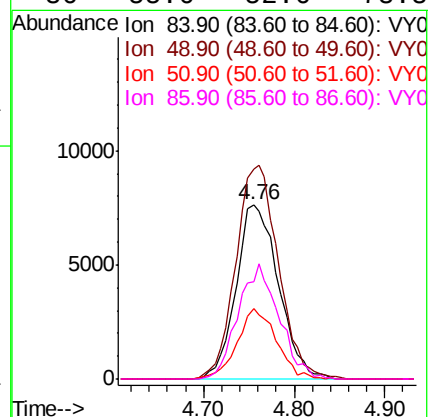
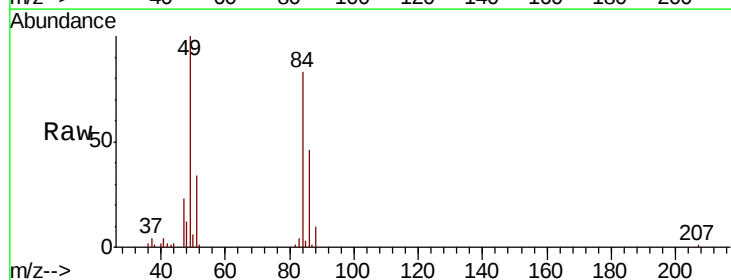
Ion Ratio Lower Upper

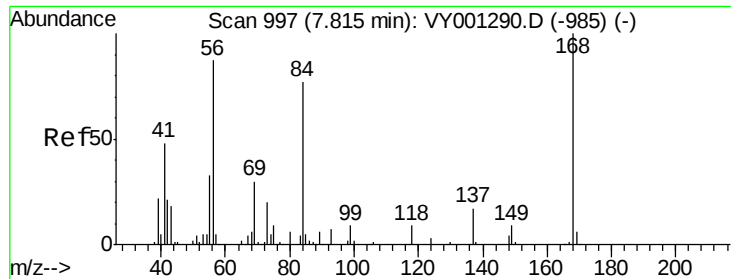
84 100

49 120.7 93.8 140.6

51 40.6 29.9 44.9

86 55.6 52.6 78.8

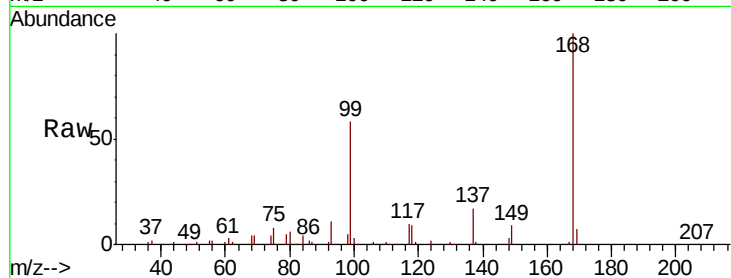




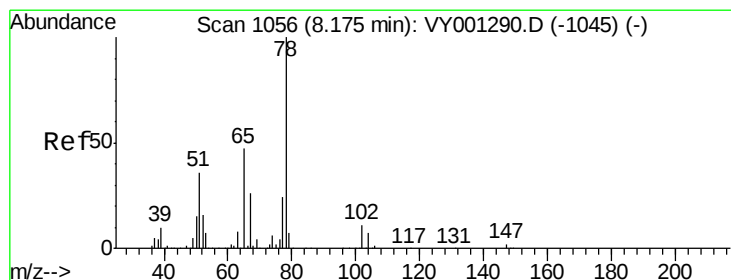
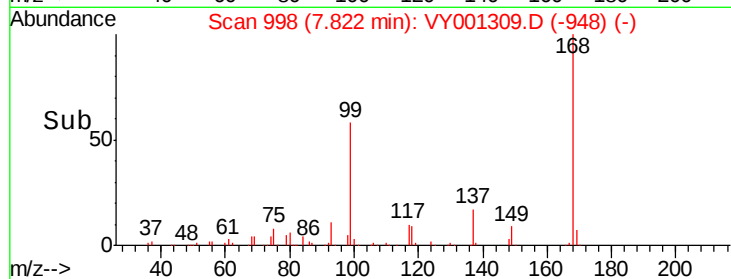
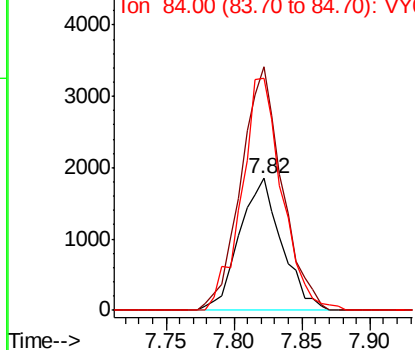
#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001309.D
Acq: 20 Jan 2020 20:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 4039
Ion Ratio Lower Upper
56 100
69 184.9 27.8 41.8#
84 176.0 68.9 103.3#

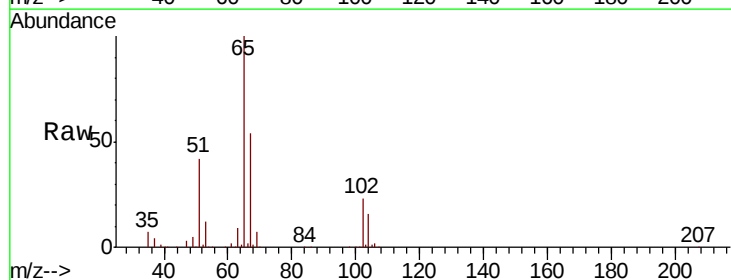


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

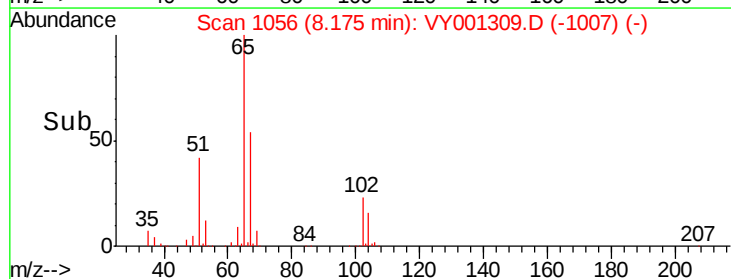
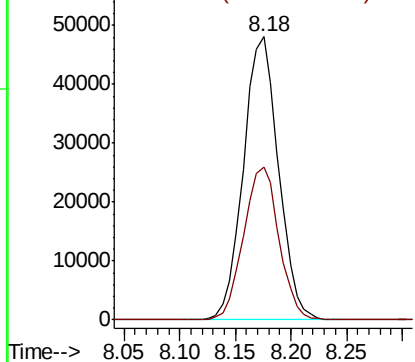


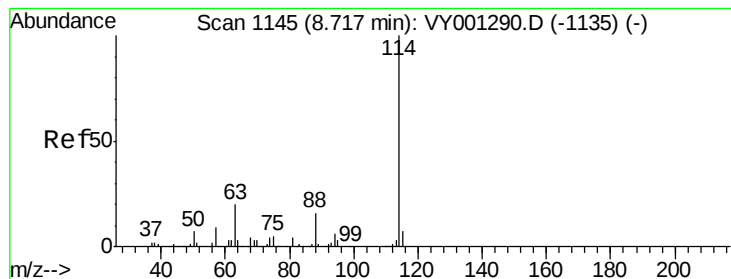
#33
1,2-Dichloroethane-d4
Concen: 54.159 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY001309.D
Acq: 20 Jan 2020 20:20

Tgt Ion: 65 Resp: 105582
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VY001309.D

Acq: 20 Jan 2020 20:20

Instrument :

MSVOA_Y

ClientSampleId :

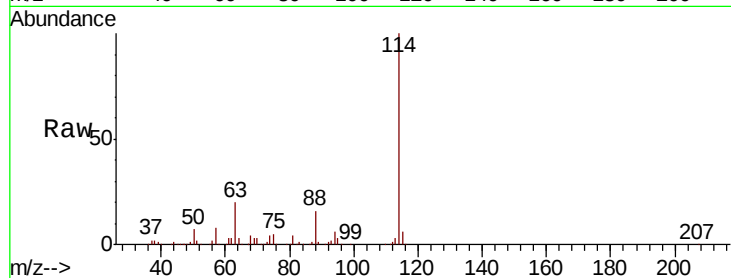
Tot Ion:114 Resp: 335397

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

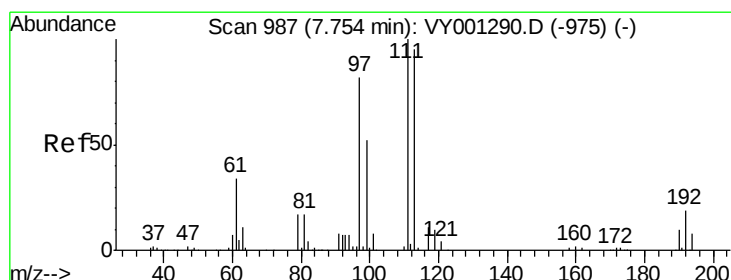
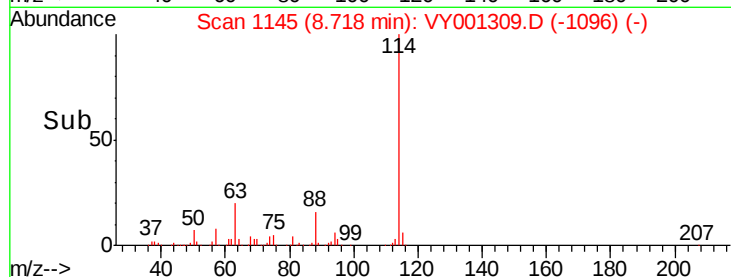
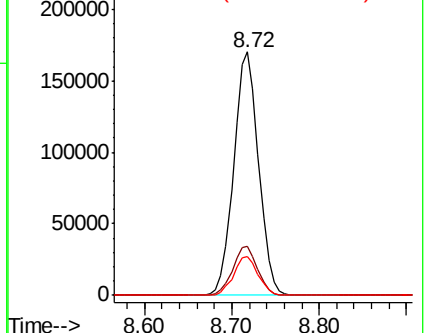
88 16.0 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 49.652 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.01 min

Lab File: VY001309.D

Acq: 20 Jan 2020 20:20

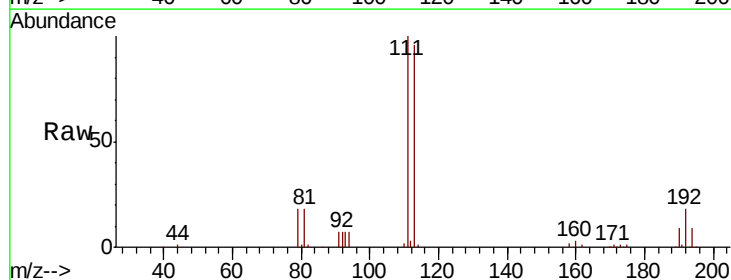
Tgt Ion:113 Resp: 97503

Ion Ratio Lower Upper

113 100

111 105.2 82.9 124.3

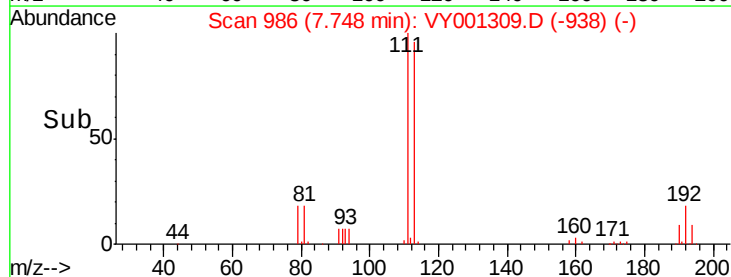
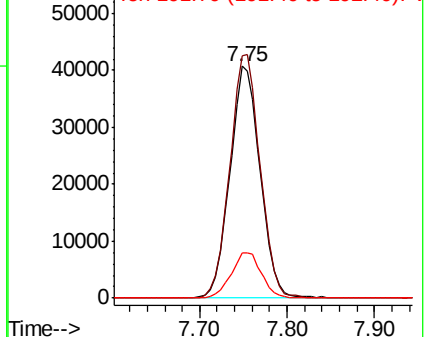
192 19.7 15.4 23.2

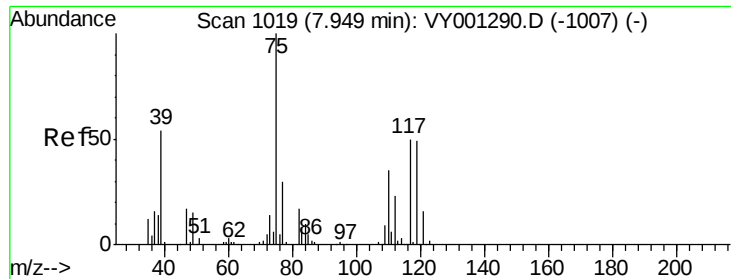


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

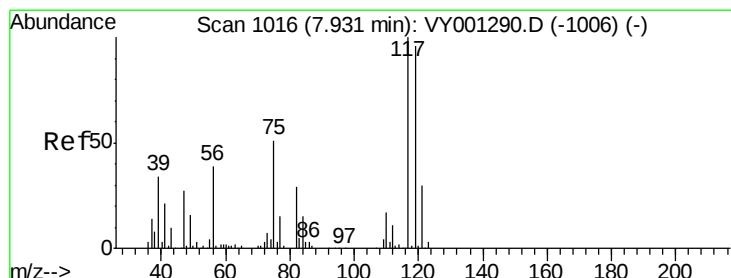
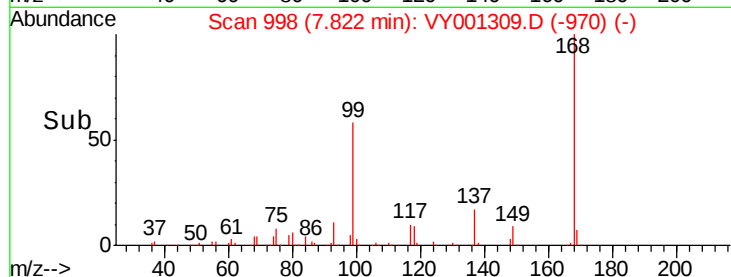
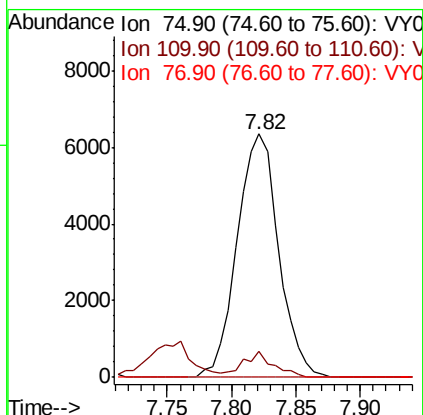
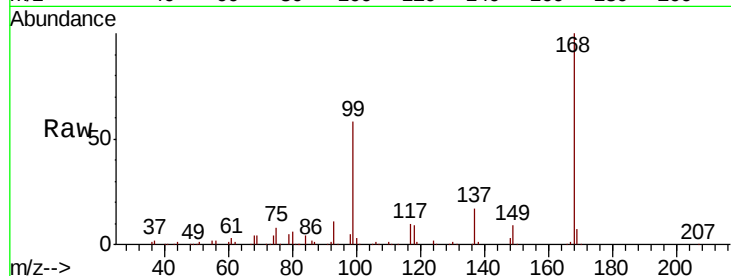




#36
 1,1-Dichloropropene
 Concen: 4.619 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.13 min
 Lab File: VY001309.D
 Acq: 20 Jan 2020 20:20

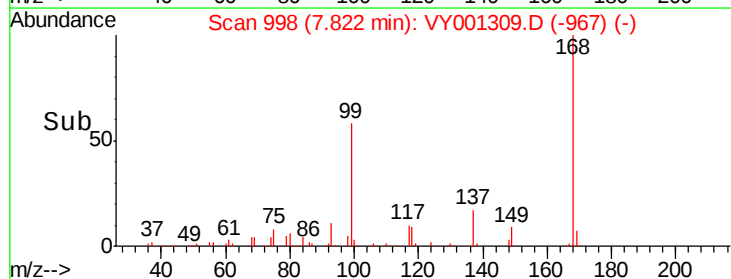
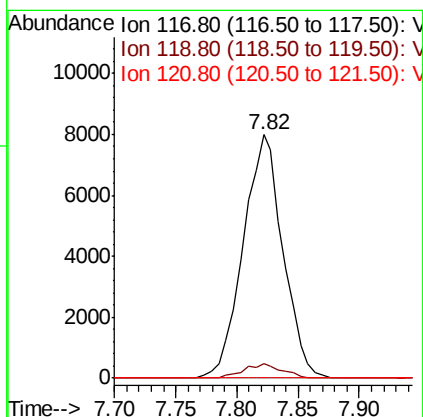
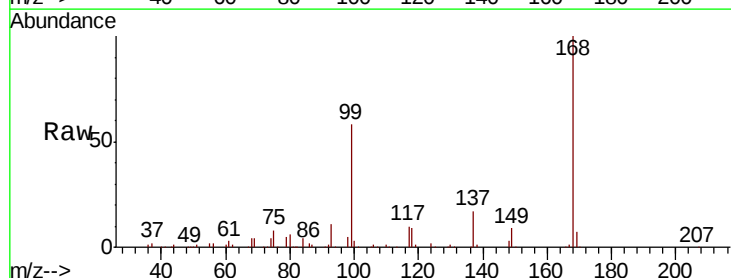
Instrument :
 MSVOA_Y
 ClientSampleId :

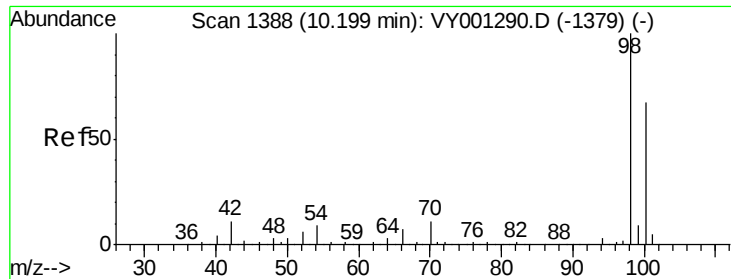
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.3	54.8#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.425 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.11 min
 Lab File: VY001309.D
 Acq: 20 Jan 2020 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	78.3	117.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 51.975 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VY001309.D

Acq: 20 Jan 2020 20:20

Instrument :

MSVOA_Y

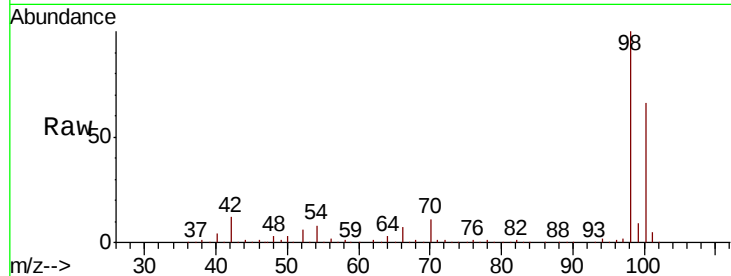
ClientSampleId :

Tot Ion: 98 Resp: 393276

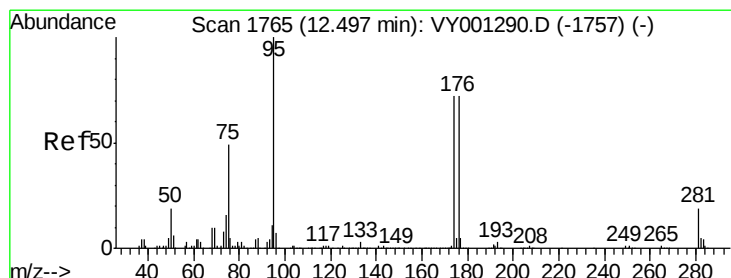
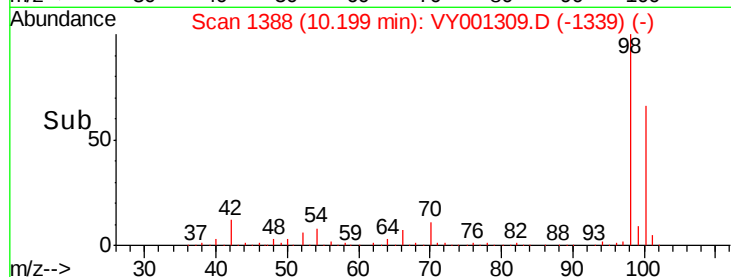
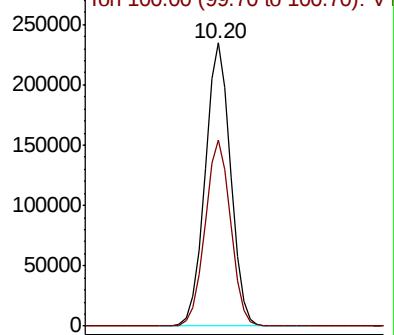
Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001290.D (-1379) (-)



#62

4-Bromofluorobenzene

Concen: 47.615 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VY001309.D

Acq: 20 Jan 2020 20:20

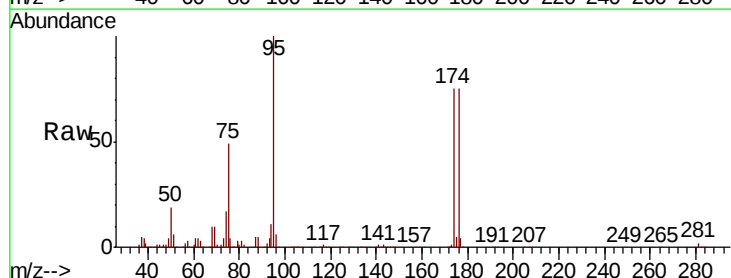
Tgt Ion: 95 Resp: 147296

Ion Ratio Lower Upper

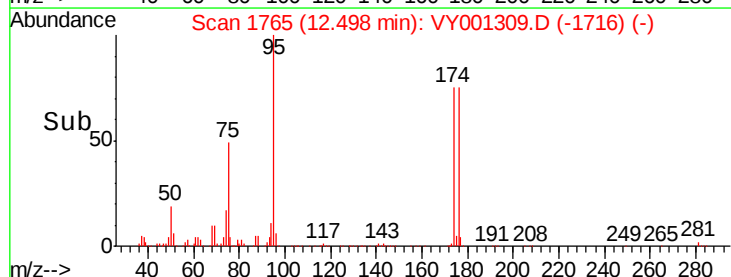
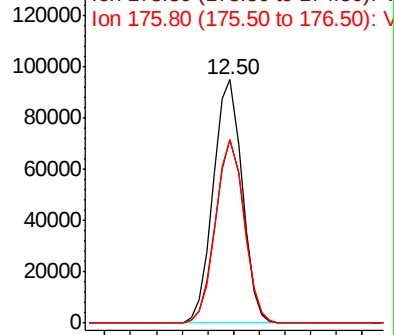
95 100

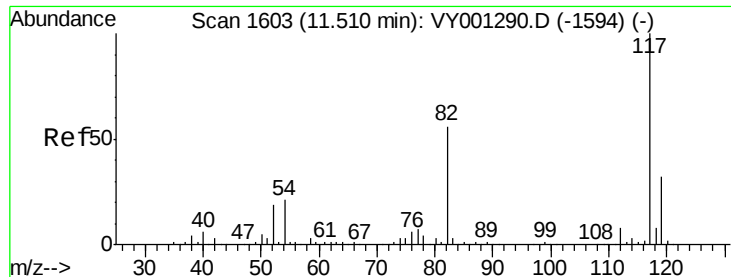
174 74.9 0.0 143.2

176 74.4 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001290.D (-1757) (-)

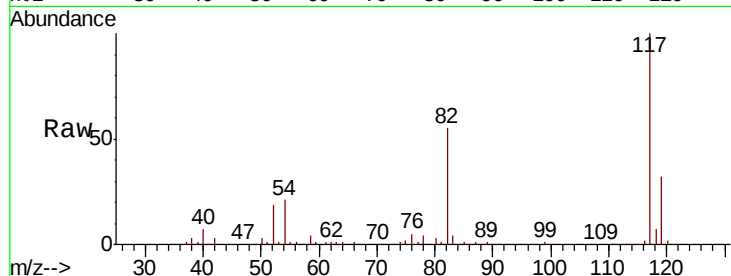




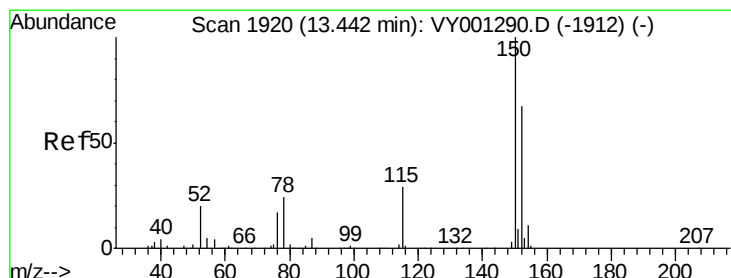
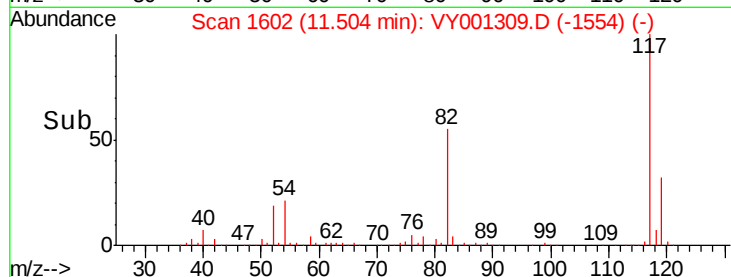
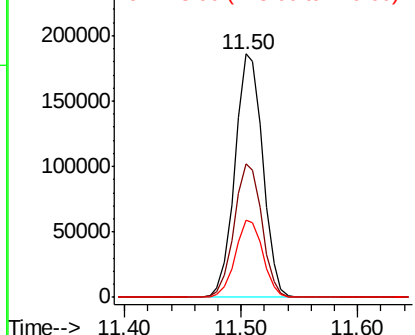
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001309.D
Acq: 20 Jan 2020 20:20

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 309434
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 31.6 25.7 38.5

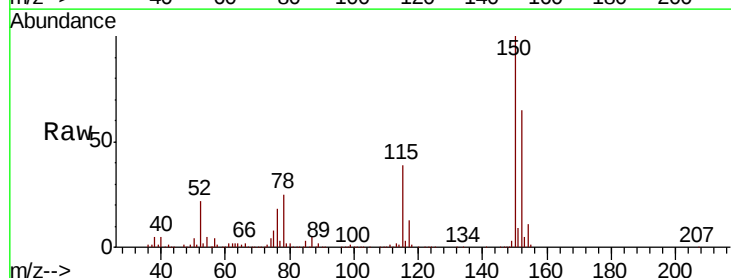


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

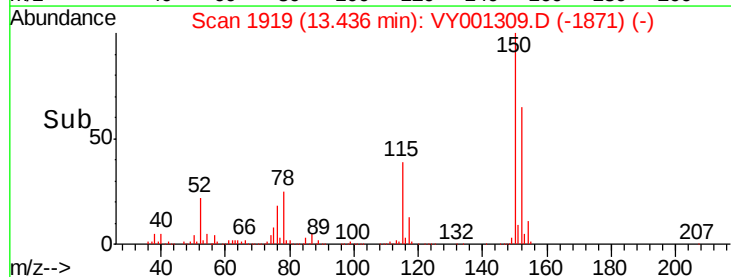
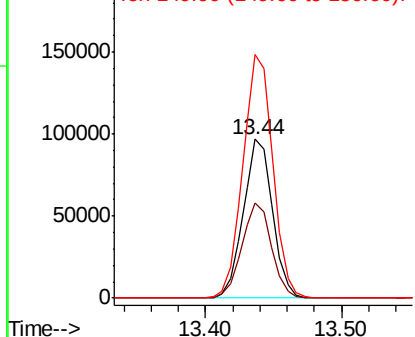


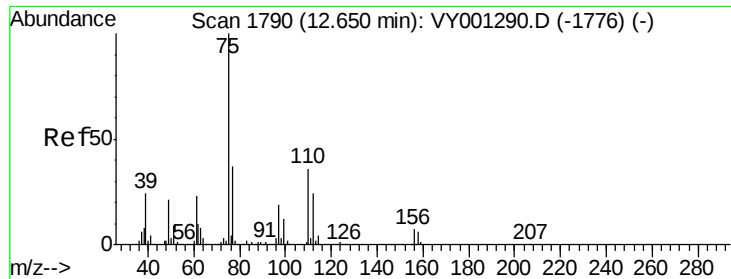
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001309.D
Acq: 20 Jan 2020 20:20

Tgt Ion:152 Resp: 145252
Ion Ratio Lower Upper
152 100
115 60.4 30.9 92.5
150 156.6 0.0 346.8



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



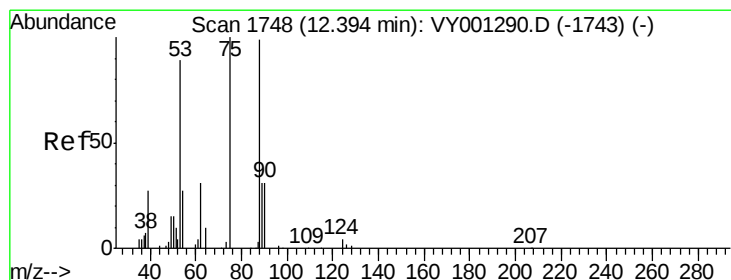
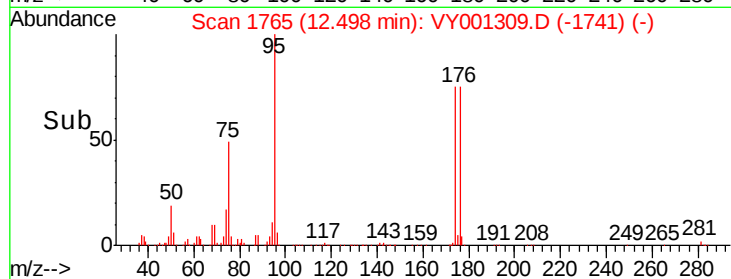
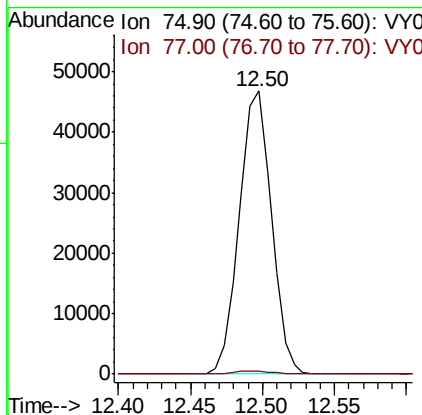
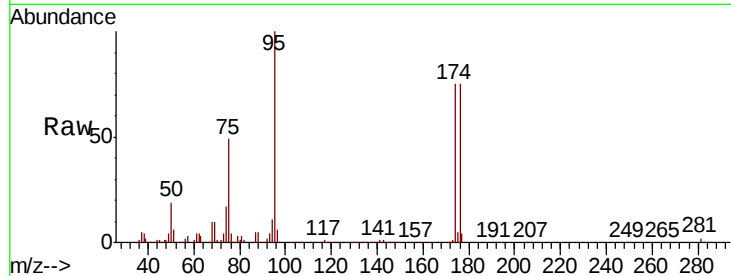


#76

1,2,3-Trichloropropane
Concen: 46.880 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. -0.15 min
Lab File: VY001309.D
Acq: 20 Jan 2020 20:20

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 75 Resp: 72896
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 79.499 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.10 min
Lab File: VY001309.D
Acq: 20 Jan 2020 20:20

Tgt Ion: 75 Resp: 72896
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.2#
89 0.0 0.0 0.0#

