

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003567.D
 Acq On : 20 Nov 2020 15:04
 Operator : SY/MD
 Sample : L4839-01
 Misc : 8.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:51:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	115229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	243772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	225222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	100987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	83817	70.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.10%
35) Dibromofluoromethane	7.72	113	82687	51.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.20%
50) Toluene-d8	10.17	98	296382	47.57	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.14%
62) 4-Bromofluorobenzene	12.48	95	91186	46.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.22%

Target Compounds

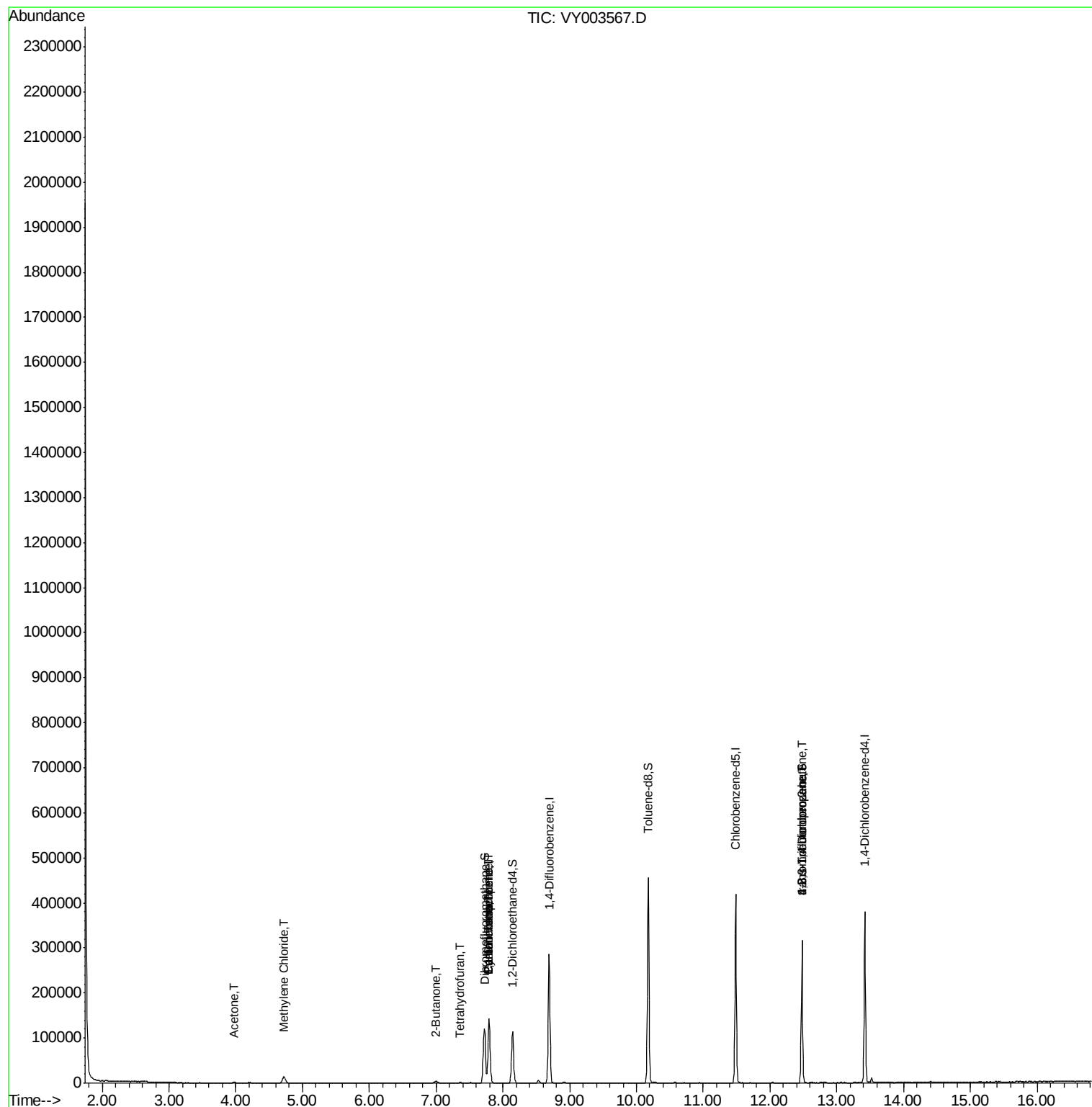
					Qvalue	
16) Acetone	3.97	43	2539	6.356	ug/l #	86
20) Methylene Chloride	4.72	84	10310	2.472	ug/l #	94
25) 2-Butanone	7.00	43	654	1.262	ug/l #	50
29) Tetrahydrofuran	7.35	42	722	2.659	ug/l #	77
31) Cyclohexane	7.79	56	2811	1.625	ug/l #	40
36) 1,1-Dichloropropene	7.79	75	8349	3.479	ug/l #	44
38) Carbon Tetrachloride	7.79	117	10463	4.706	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	47163	48.172	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	47163	76.579	ug/l #	14

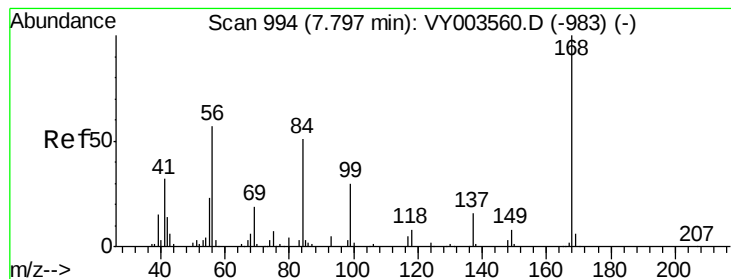
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
Data File : VY003567.D
Acq On : 20 Nov 2020 15:04
Operator : SY/MD
Sample : L4839-01
Misc : 8.14G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 21 01:51:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003567.D

Acq: 20 Nov 2020 15:04

Instrument :

MSVOA_Y

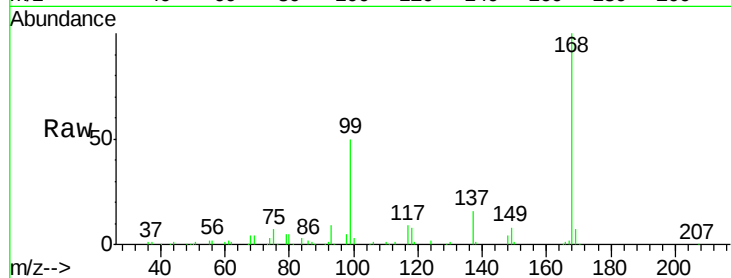
ClientSampleId :

Tot Ion:168 Resp: 115229

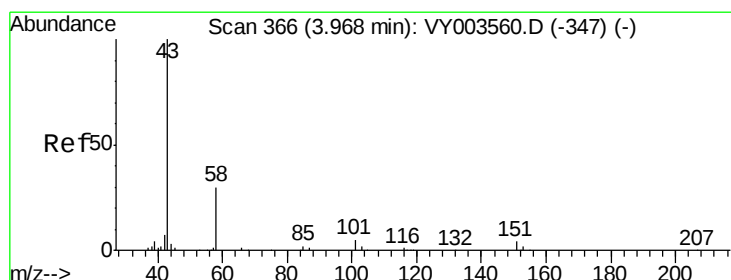
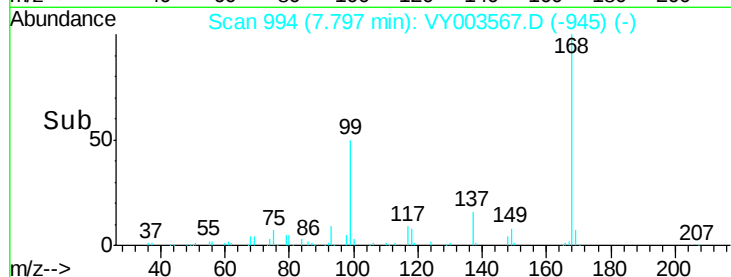
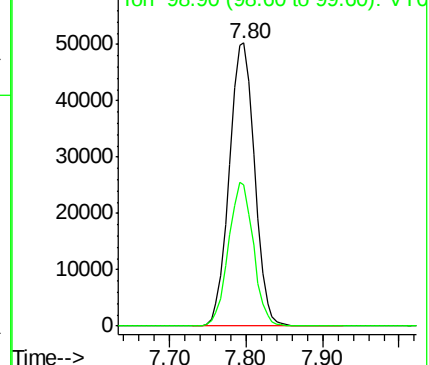
Ion Ratio Lower Upper

168 100

99 49.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003567.D (-945) (-)



#16

Acetone

Concen: 6.356 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY003567.D

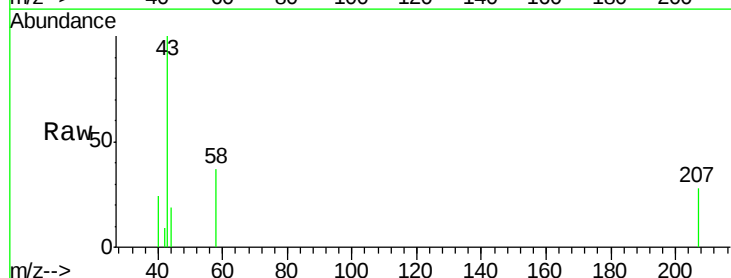
Acq: 20 Nov 2020 15:04

Tgt Ion: 43 Resp: 2539

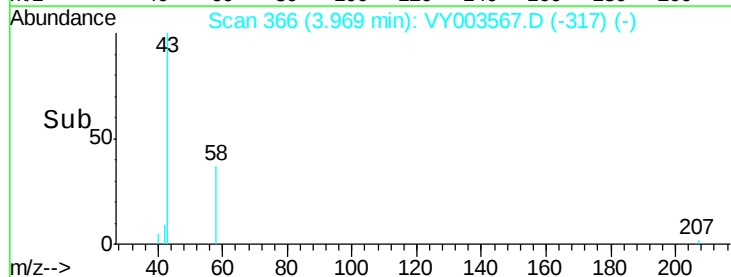
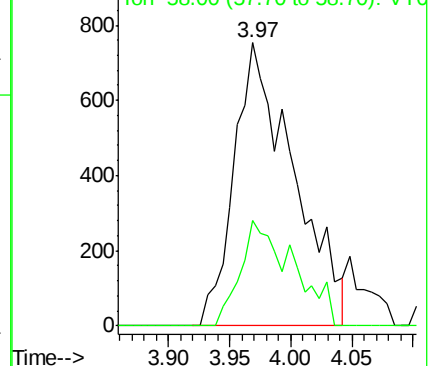
Ion Ratio Lower Upper

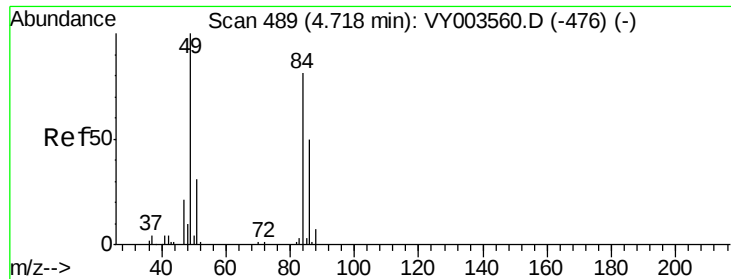
43 100

58 37.2 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY003567.D (-317) (-)

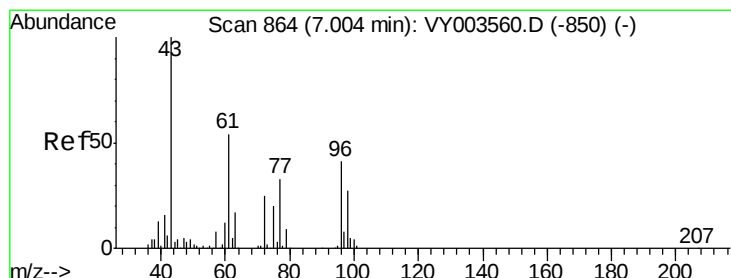
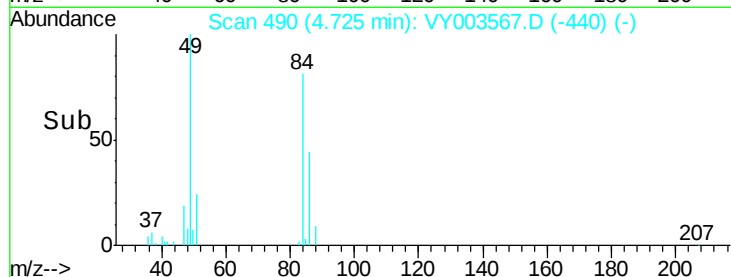
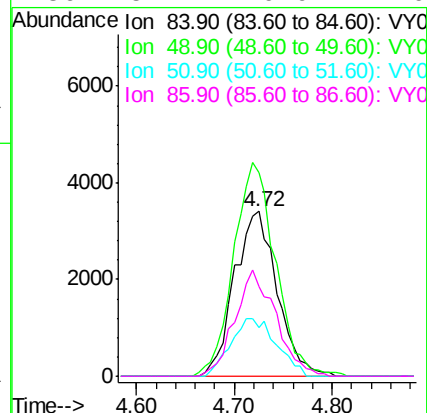
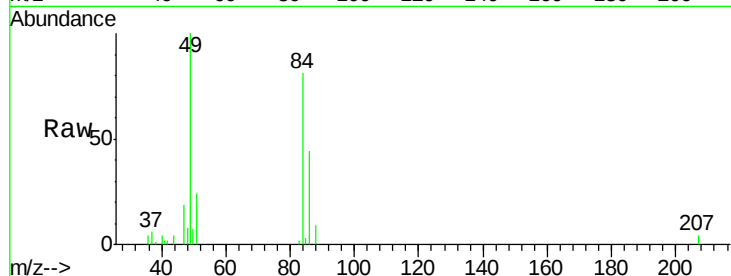




#20
Methvlene Chloride
Concen: 2.472 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

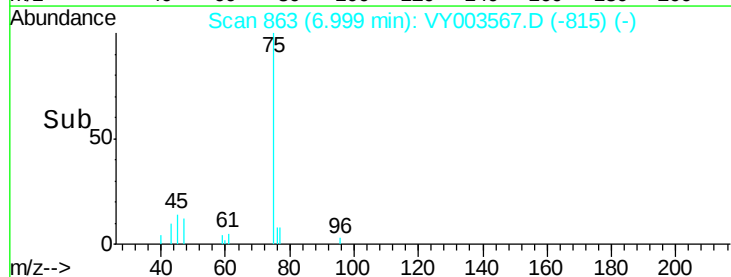
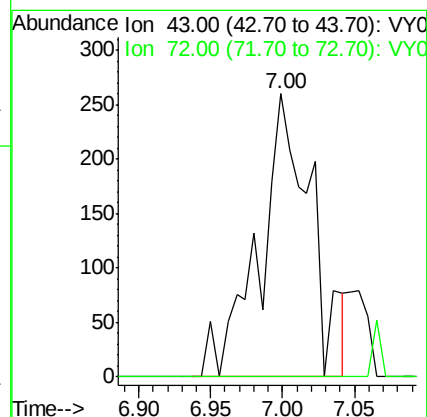
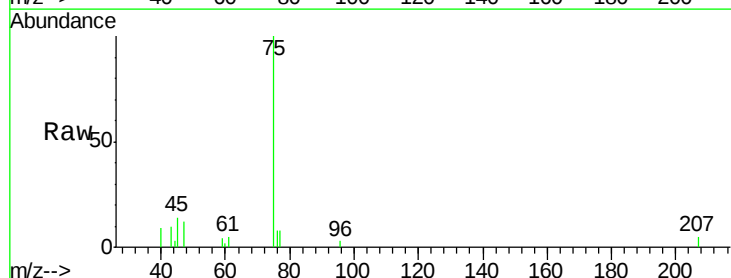
Instrument :
MSVOA_Y
ClientSampleId :

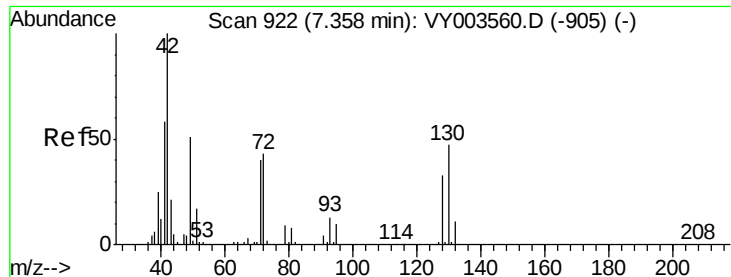
Tot Ion: 84 Resp: 10310
Ion Ratio Lower Upper
84 100
49 123.2 99.0 148.6
51 29.6 30.5 45.7#
86 54.4 49.9 74.9



#25
2-Butanone
Concen: 1.262 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#

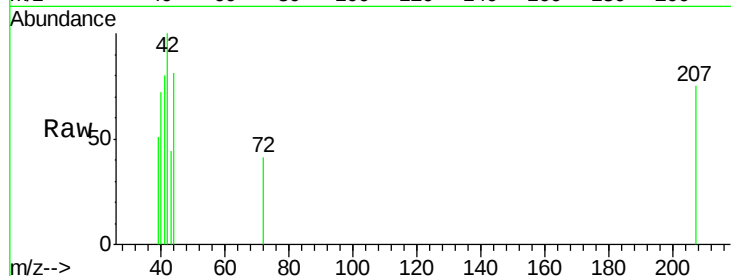




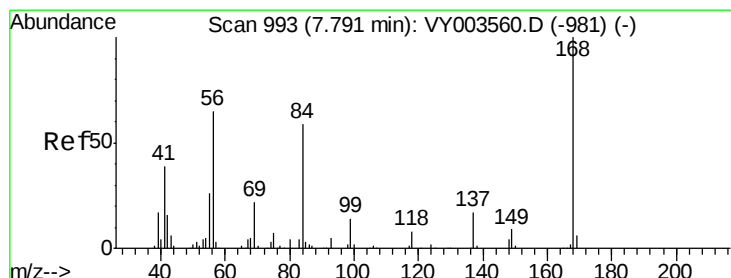
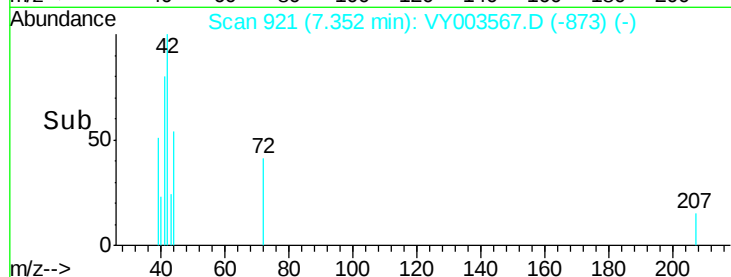
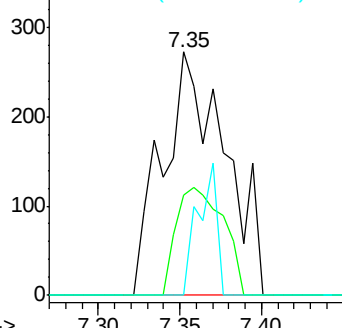
#29
Tetrahydrofuran
Concen: 2.659 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 722
Ion Ratio Lower Upper
42 100
72 33.5 32.6 49.0
71 16.8 30.2 45.2#

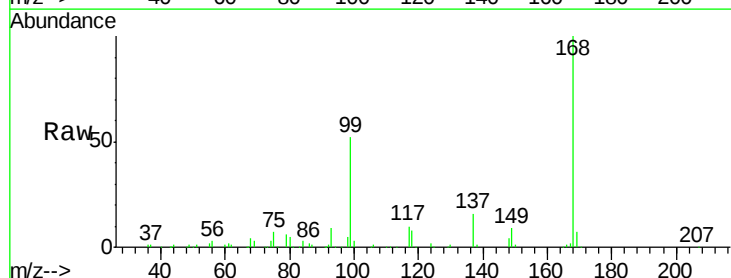


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

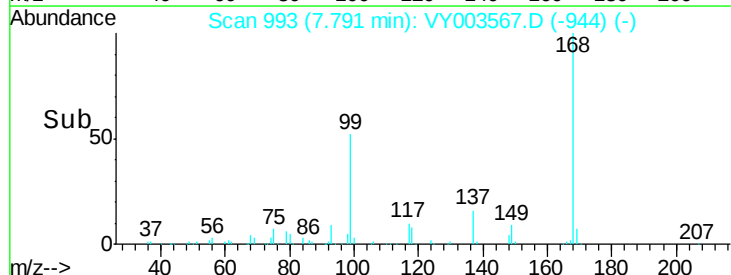
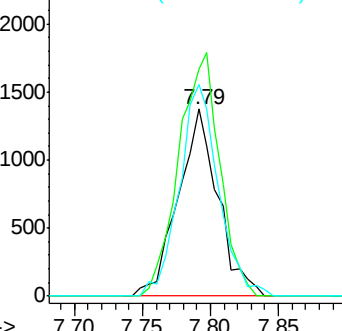


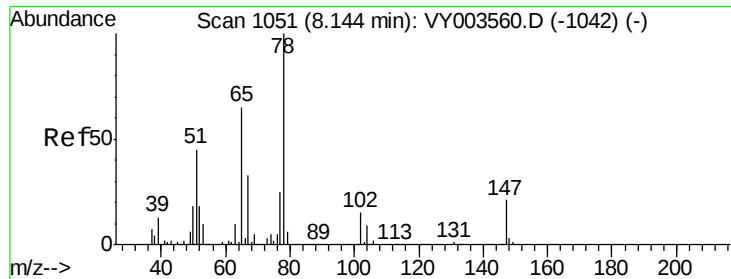
#31
Cyclohexane
Concen: 1.625 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

Tgt Ion: 56 Resp: 2811
Ion Ratio Lower Upper
56 100
69 121.4 27.0 40.6#
84 112.7 71.8 107.6#



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

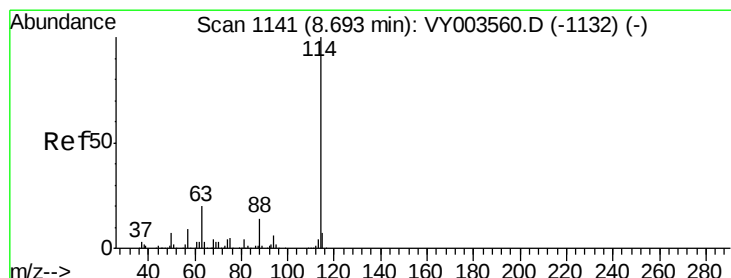
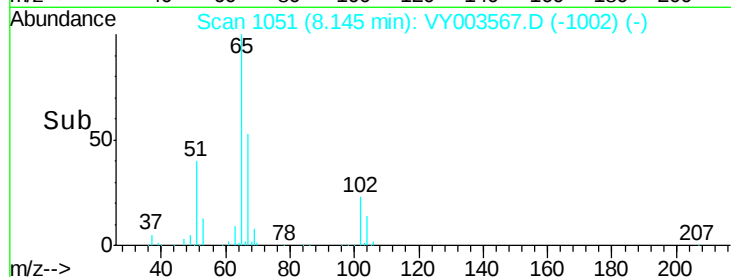
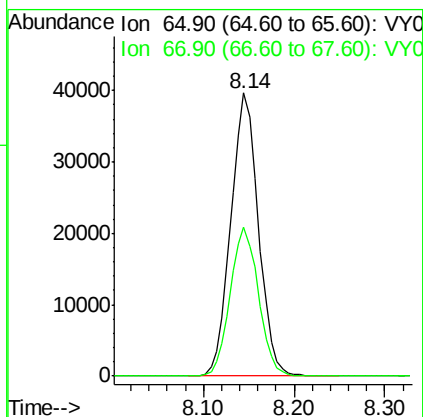
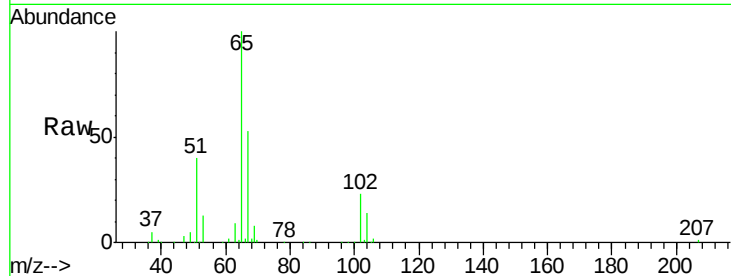




#33
 1,2-Dichloroethane-d4
 Concen: 70.055 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003567.D
 Acq: 20 Nov 2020 15:04

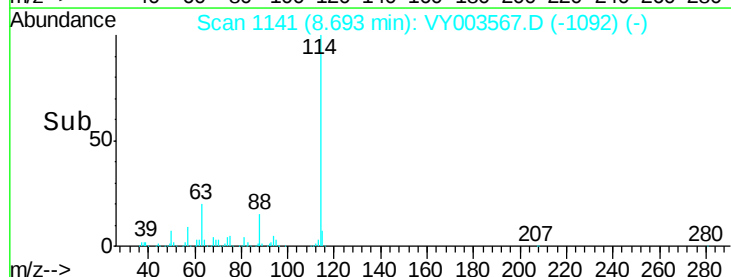
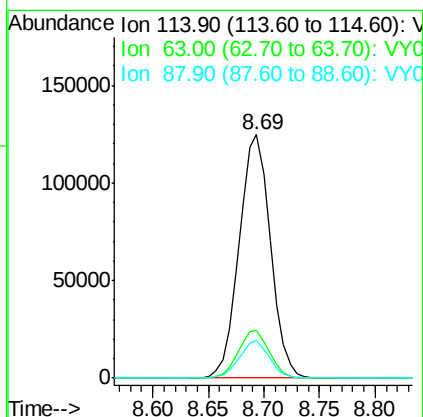
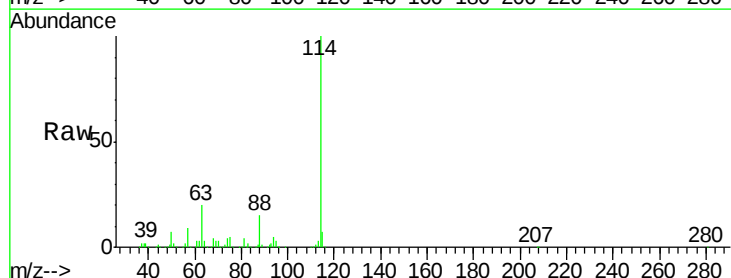
Instrument :
 MSVOA_Y
 ClientSampleId :

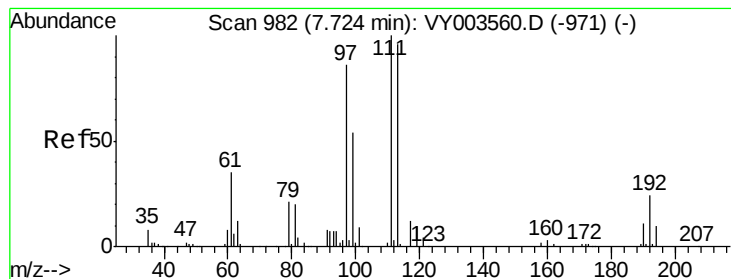
Tot Ion: 65 Resp: 83817
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003567.D
 Acq: 20 Nov 2020 15:04

Tgt Ion: 114 Resp: 243772
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.602 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003567.D

Acq: 20 Nov 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

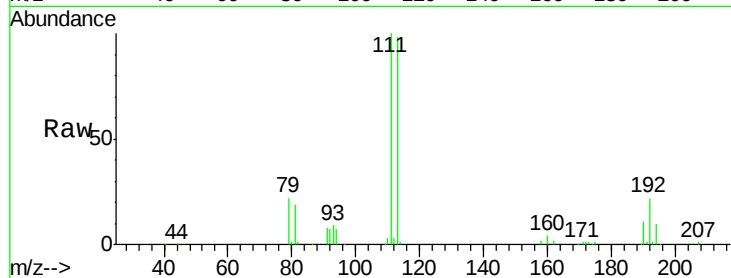
Tot Ion:113 Resp: 82687

Ion Ratio Lower Upper

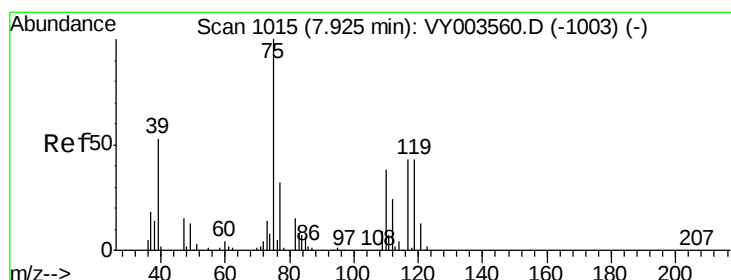
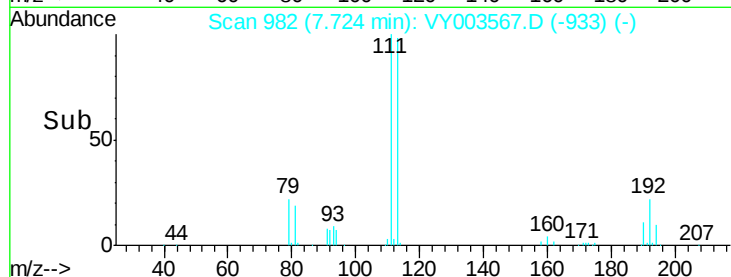
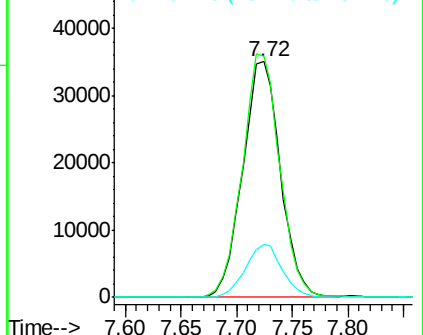
113 100

111 102.9 81.4 122.0

192 21.8 18.1 27.1



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: 3.479 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003567.D

Acq: 20 Nov 2020 15:04

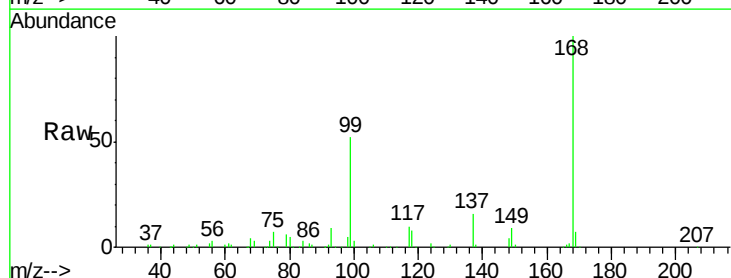
Tgt Ion: 75 Resp: 8349

Ion Ratio Lower Upper

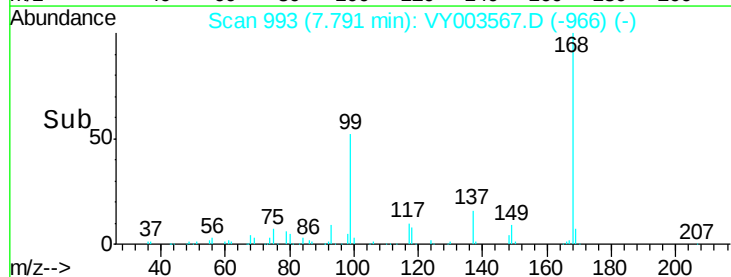
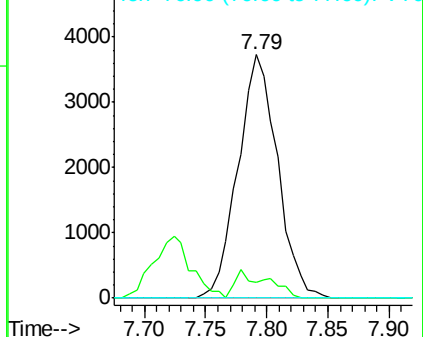
75 100

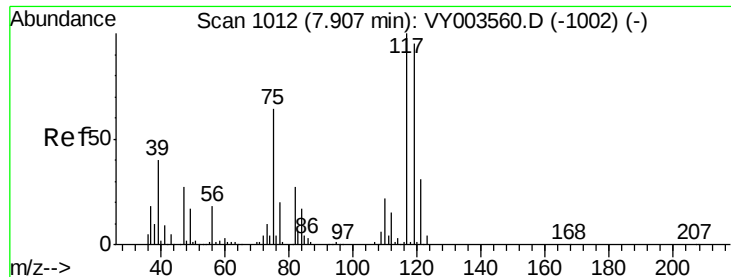
110 4.9 18.7 56.1#

77 0.0 25.4 38.2#



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

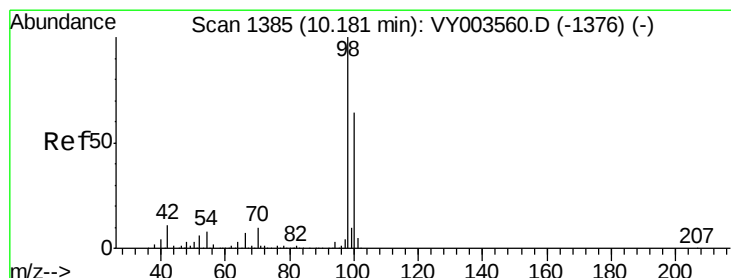
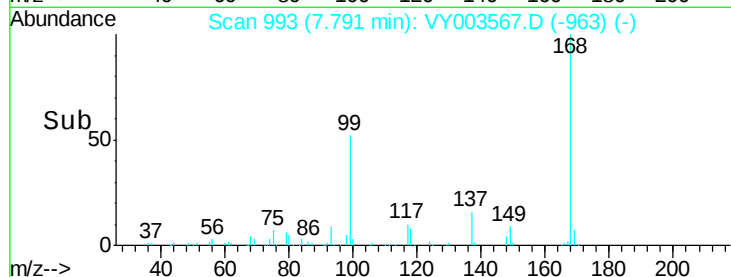
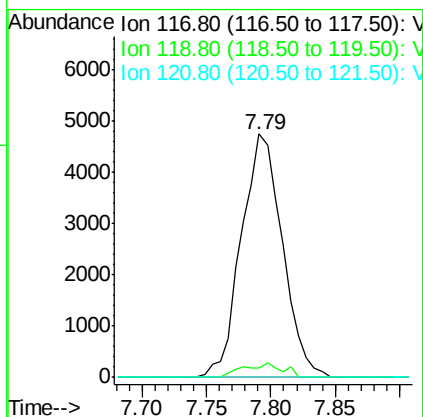
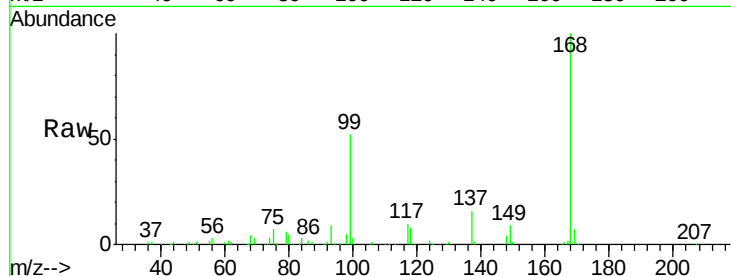




#38
Carbon Tetrachloride
Concen: 4.706 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

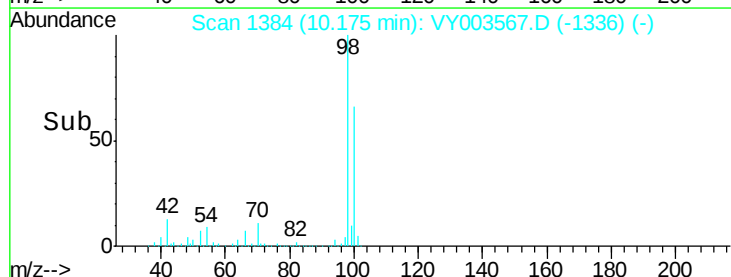
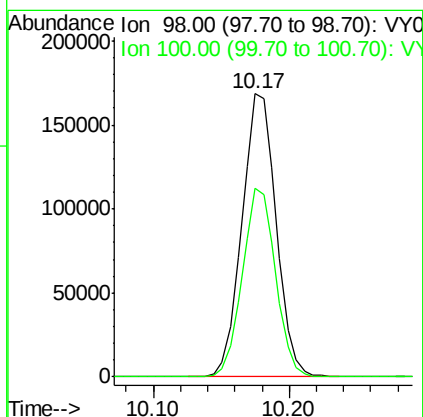
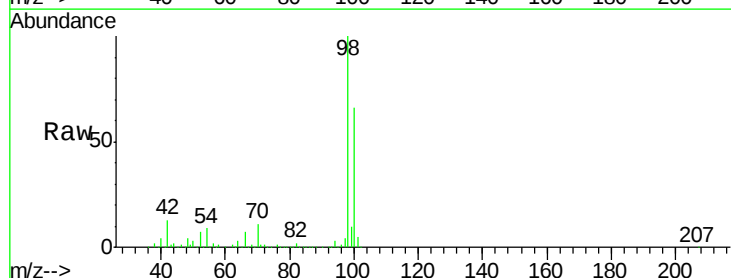
Instrument :
MSVOA_Y
ClientSampleId :

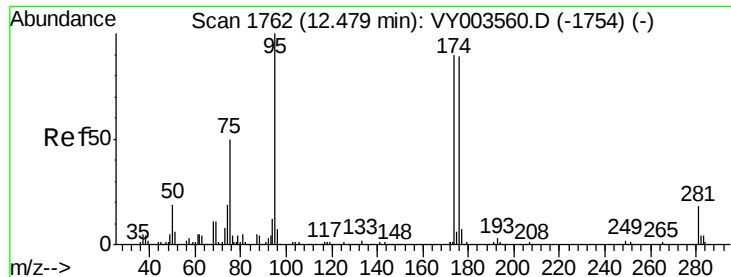
Tot Ion:117 Resp: 10463
Ion Ratio Lower Upper
117 100
119 3.8 76.3 114.5#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 47.566 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

Tgt Ion: 98 Resp: 296382
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2

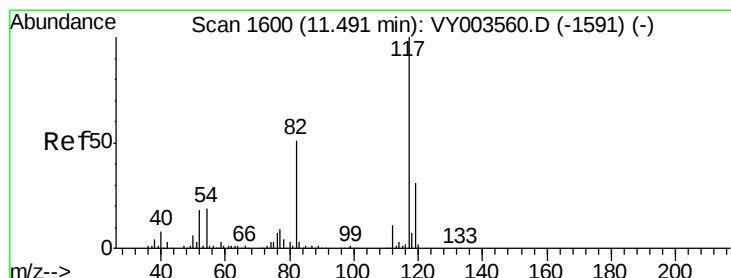
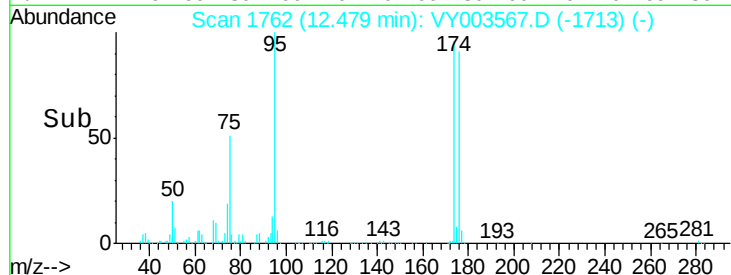
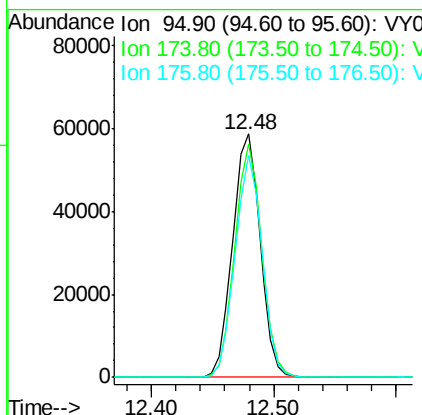
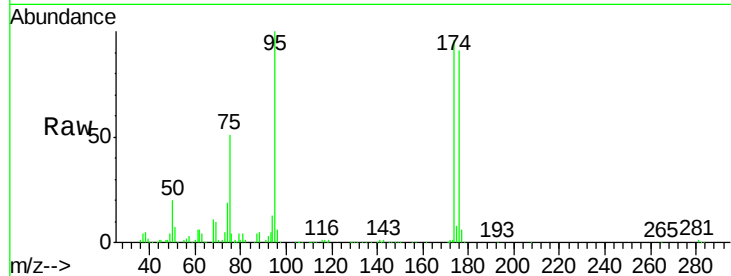




#62
4-Bromofluorobenzene
Concen: 46.113 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

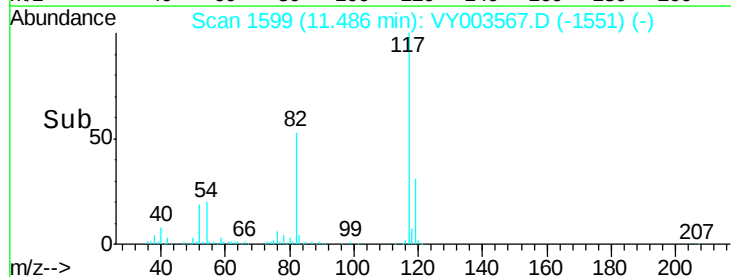
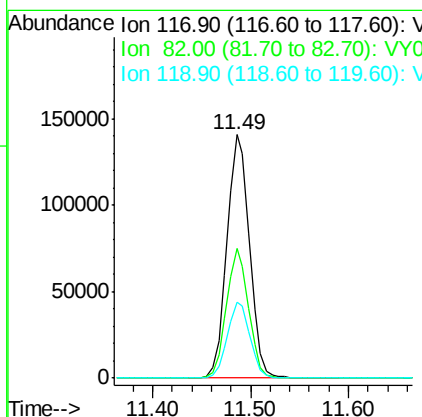
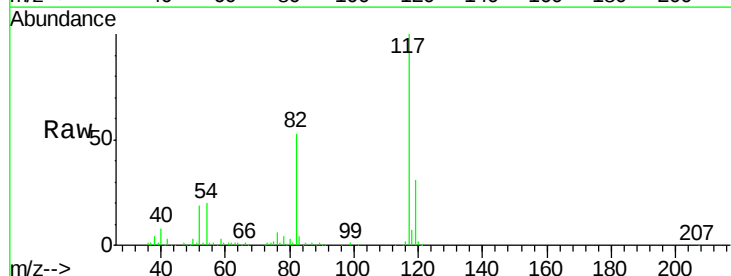
Instrument :
MSVOA_Y
ClientSampleId :

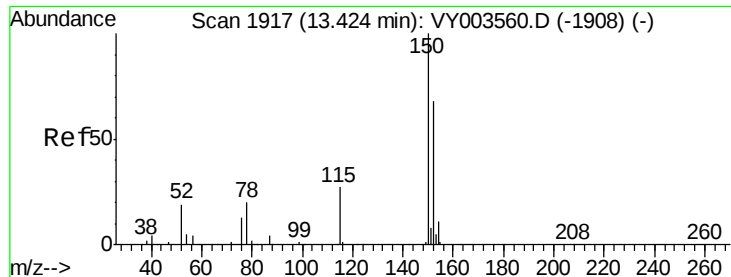
Tot Ion	95	Resp	91186
Ion Ratio	Lower	Upper	
95	100		
174	94.2	0.0	184.0
176	89.5	0.0	180.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

Tgt Ion	117	Resp	225222
Ion Ratio	Lower	Upper	
117	100		
82	53.5	41.0	61.6
119	31.2	25.0	37.6



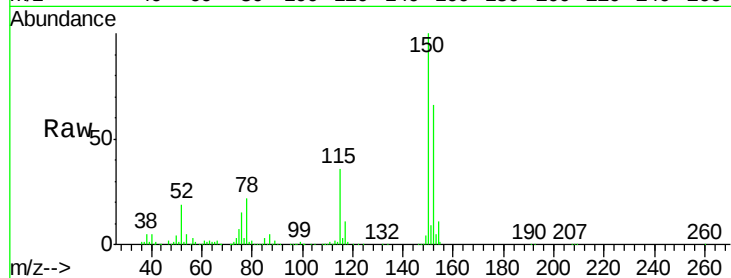


#72

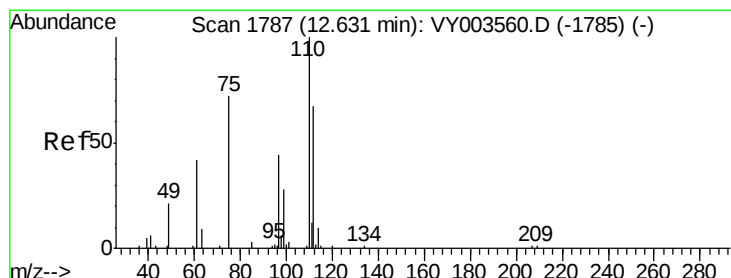
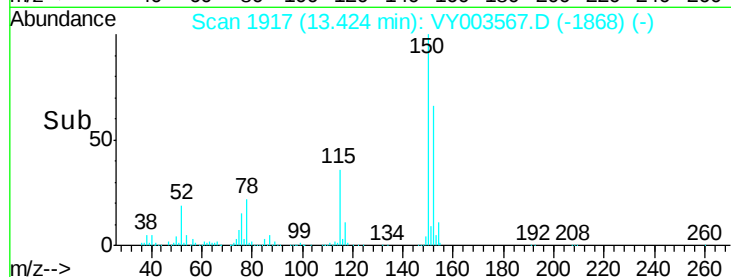
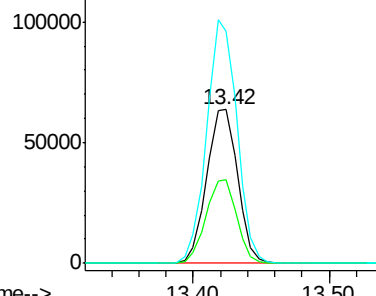
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 100987
Ion Ratio Lower Upper
152 100
115 53.8 27.4 82.0
150 154.8 0.0 349.6



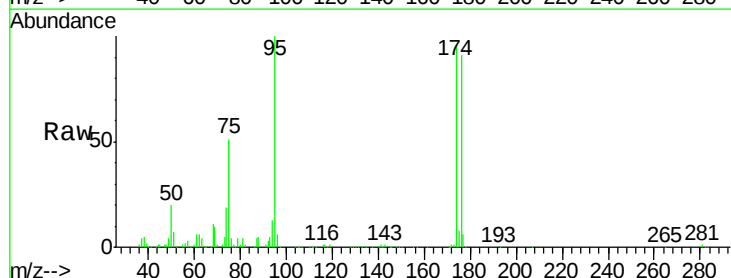
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



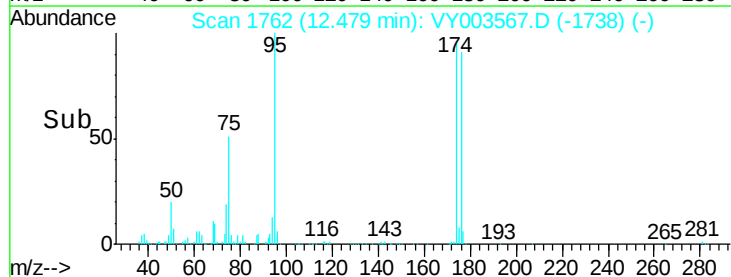
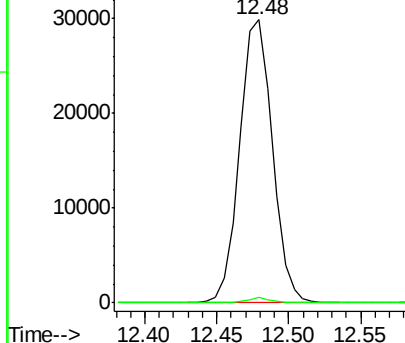
#76

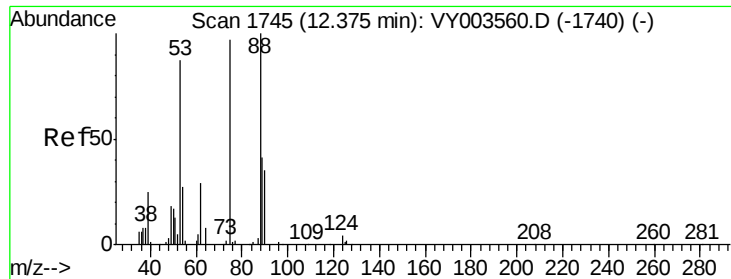
1,2,3-Trichloropropane
Concen: 48.172 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003567.D
Acq: 20 Nov 2020 15:04

Tgt Ion: 75 Resp: 47163
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: 76.579 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003567.D

Acq: 20 Nov 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 47163

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 34.7 52.1#

