

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000437.D
 Acq On : 25 Oct 2019 18:24
 Operator : SY/MD
 Sample : K5540-02
 Misc : 3.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:47:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

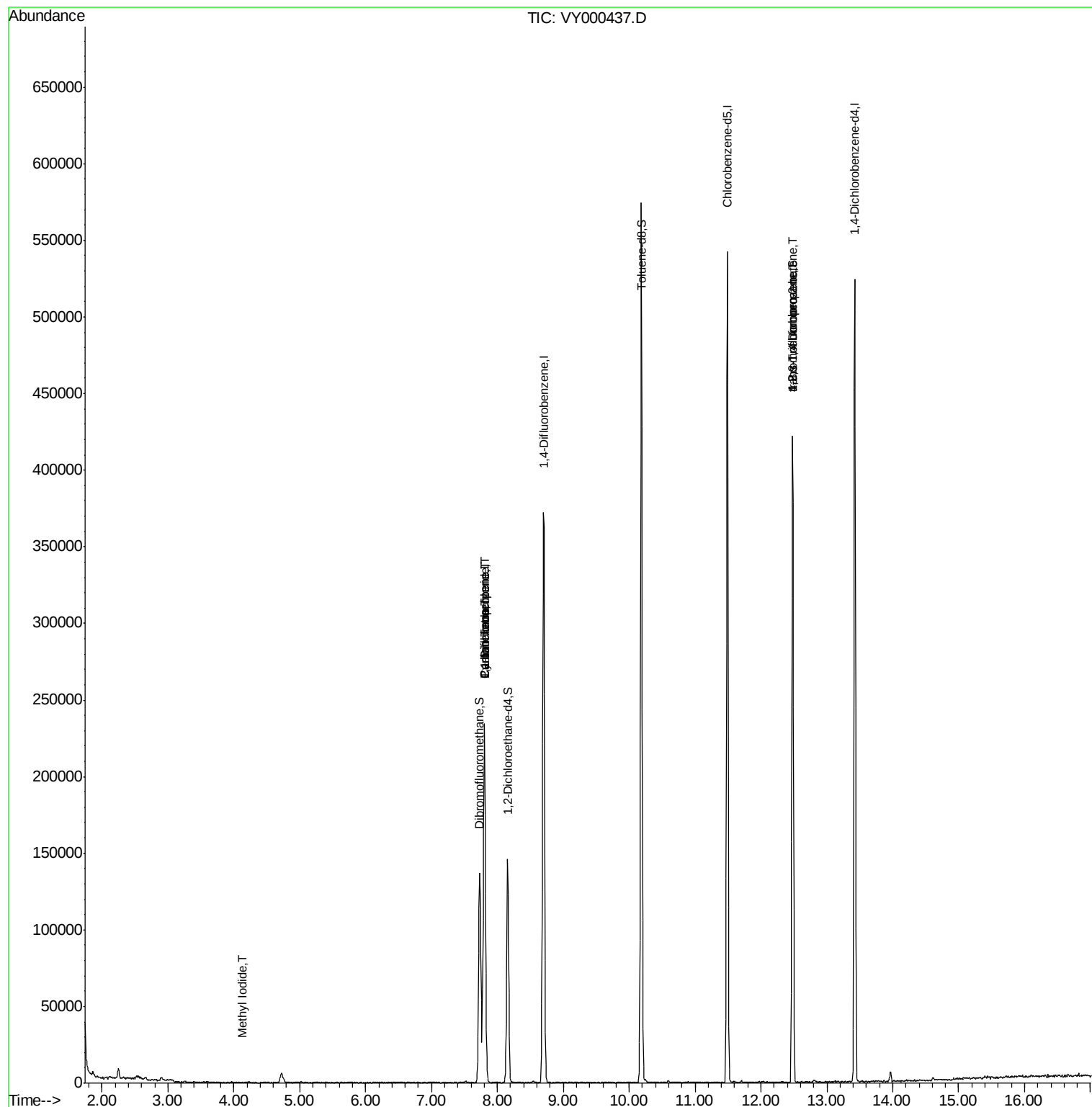
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	184837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	316585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	282086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107888	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
35) Dibromofluoromethane	7.73	113	95567	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.18	98	369838	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.48	95	123316	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	61	Below Cal	#	41
10) Methyl Iodide	4.13	142	46	1.203	ug/l #	41
20) Methylene Chloride	4.72	84	4602	Below Cal	#	84
31) Cyclohexane	7.80	56	4258	1.141	ug/l #	31
36) 1,1-Dichloropropene	7.80	75	14287	4.609	ug/l #	50
38) Carbon Tetrachloride	7.80	117	17696	5.896	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	63722	41.330	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	63722	90.428	ug/l #	14

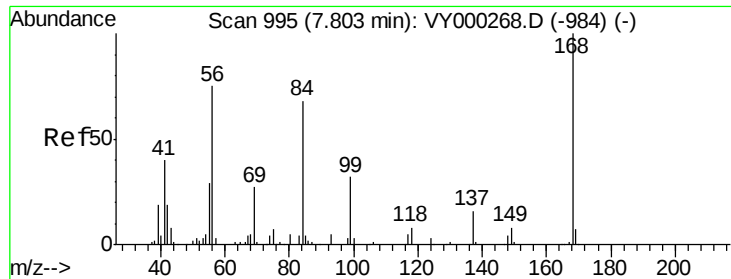
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 01:47:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

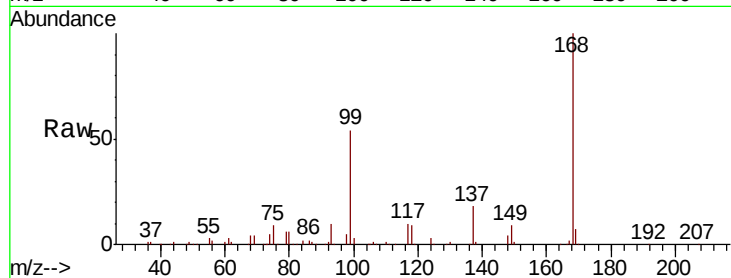
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 184837

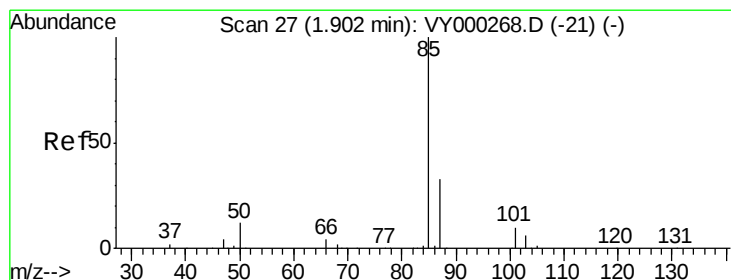
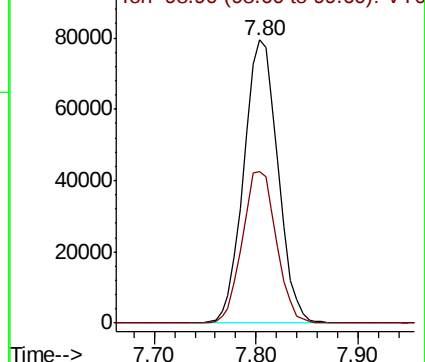
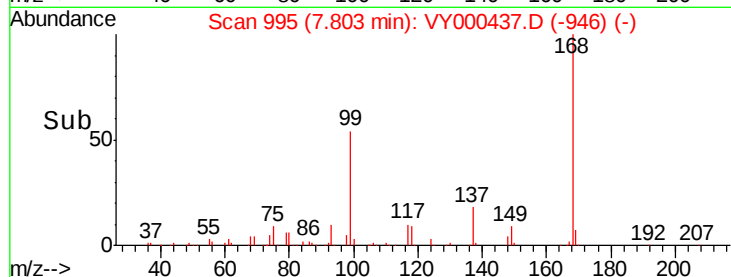
Ion Ratio Lower Upper

168 100

99 53.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000437.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000437.D

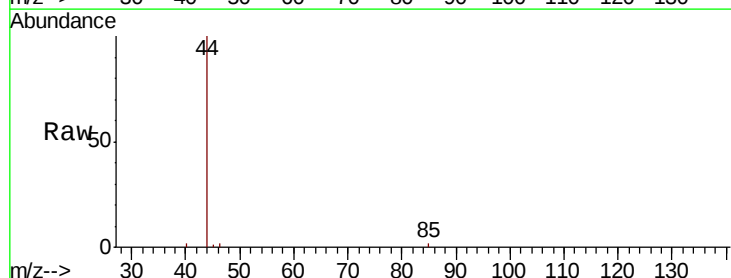
Acq: 25 Oct 2019 18:24

Tgt Ion: 85 Resp: 61

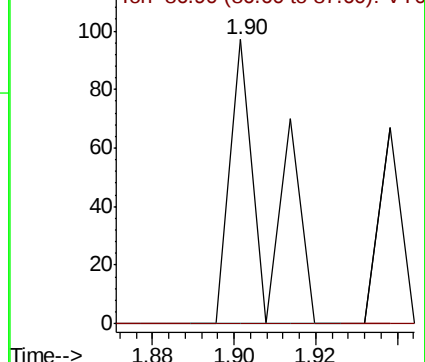
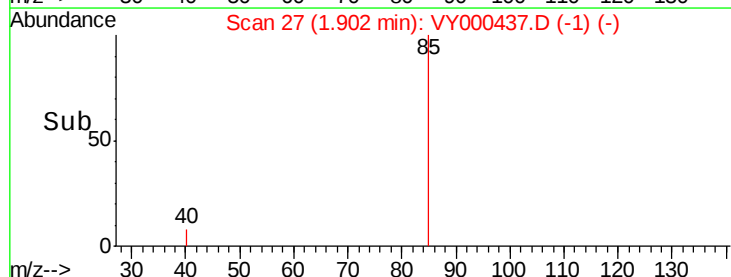
Ion Ratio Lower Upper

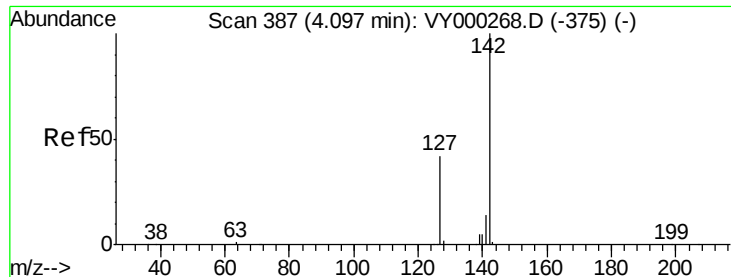
85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000437.D (-1) (-)

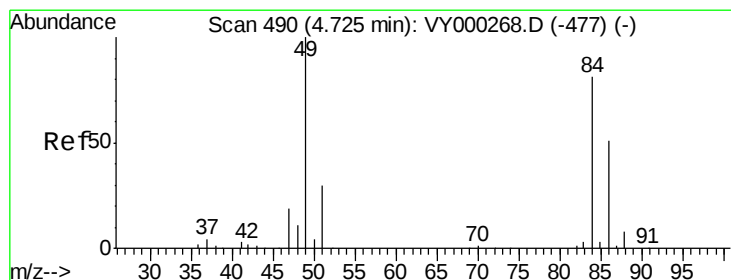
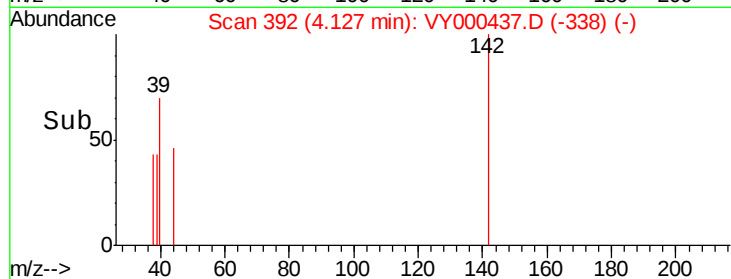
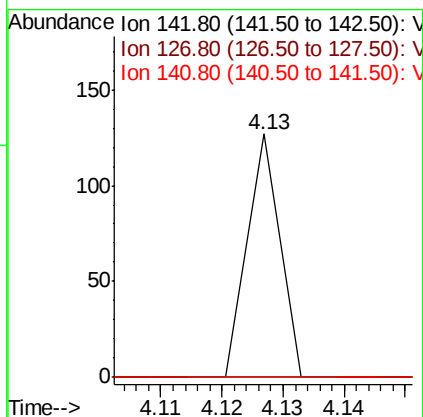
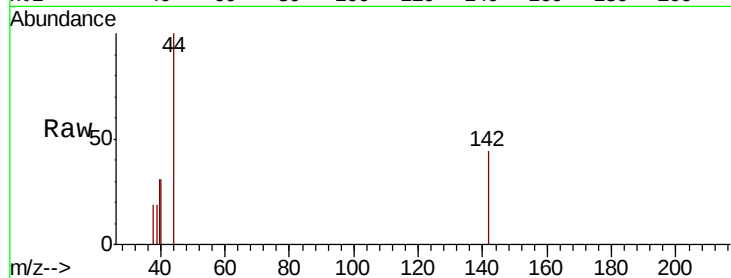




#10
Methyl Iodide
Concen: 1.203 ug/l
RT: 4.13 min Scan# 392
Delta R.T. 0.03 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

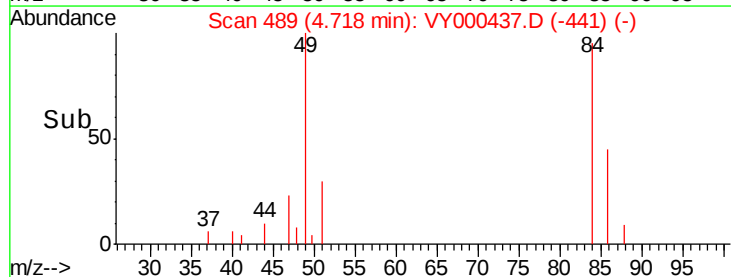
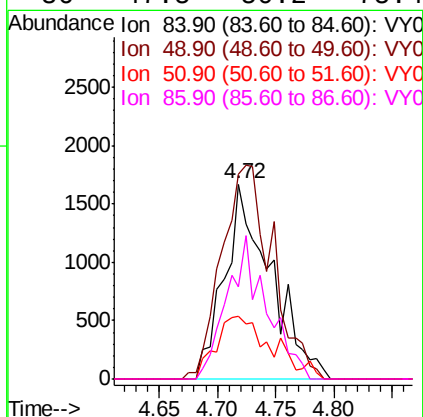
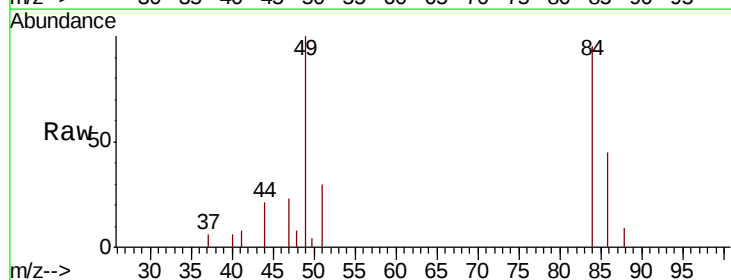
Instrument :
MSVOA_Y
ClientSampleId :

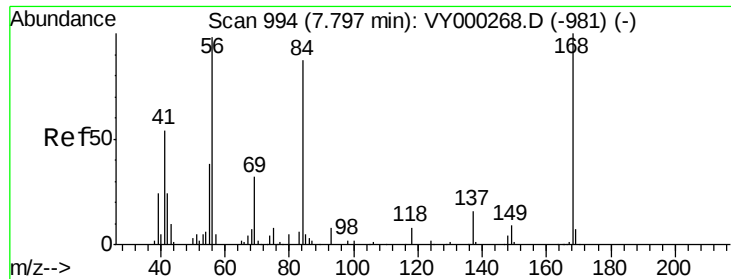
Tot Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Tgt Ion: 84 Resp: 4602
Ion Ratio Lower Upper
84 100
49 105.4 99.0 148.4
51 32.0 29.3 43.9
86 47.5 50.2 75.4#

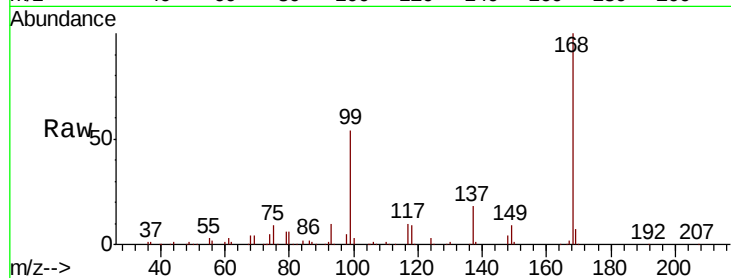




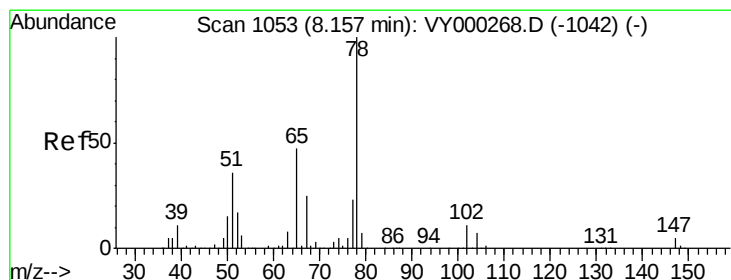
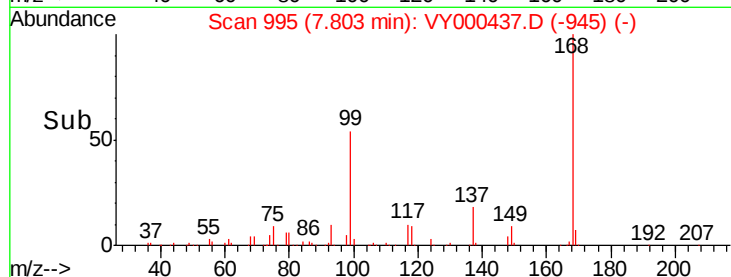
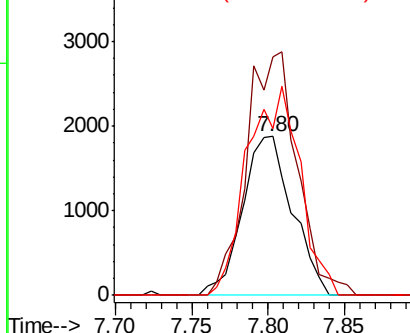
#31
Cvclohexane
Concen: 1.141 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 4258
Ion Ratio Lower Upper
56 100
69 150.0 26.3 39.5#
84 104.7 70.8 106.2

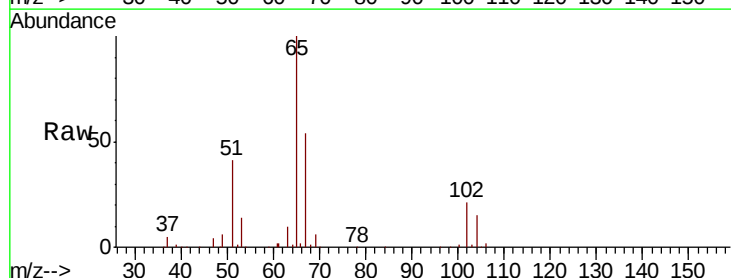


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

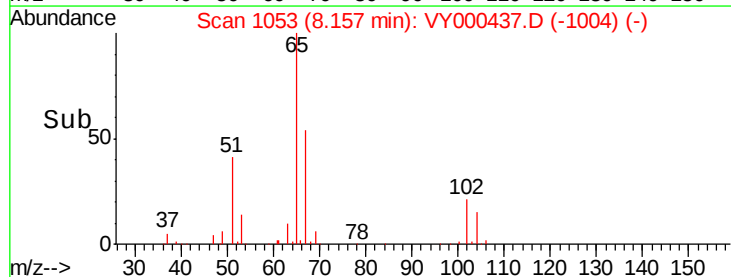
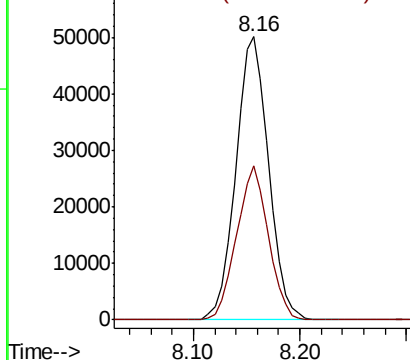


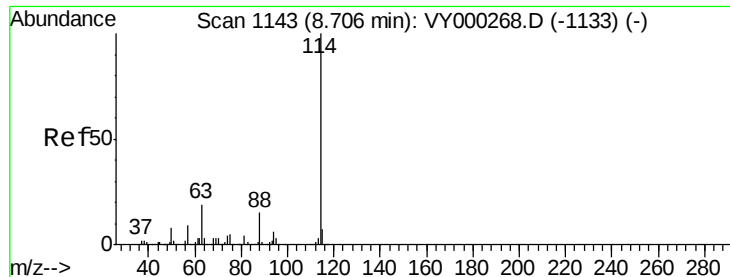
#33
1,2-Dichloroethane-d4
Concen: 55.335 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Tgt Ion: 65 Resp: 107888
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.4



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

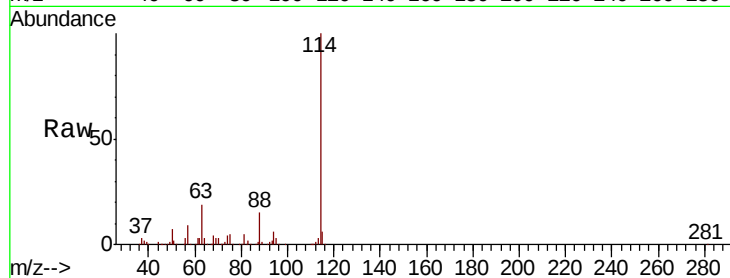




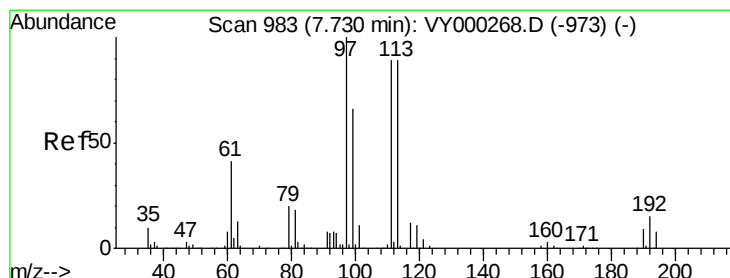
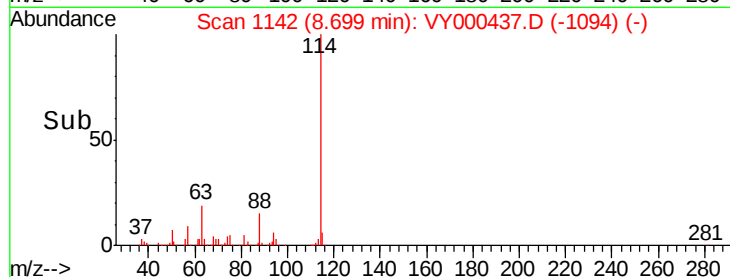
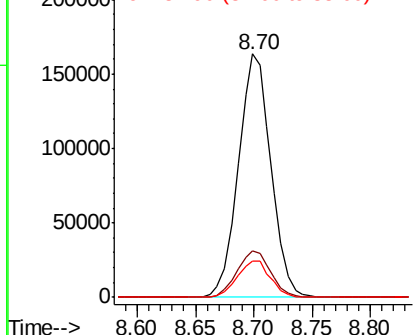
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 316585
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.2
88 14.7 0.0 30.2

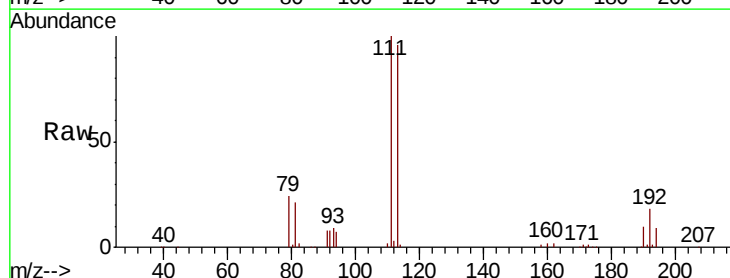


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

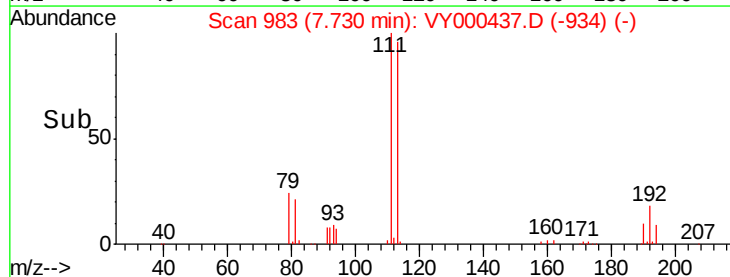
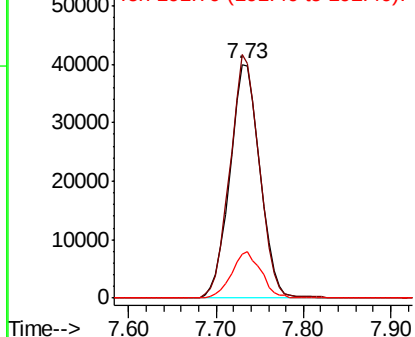


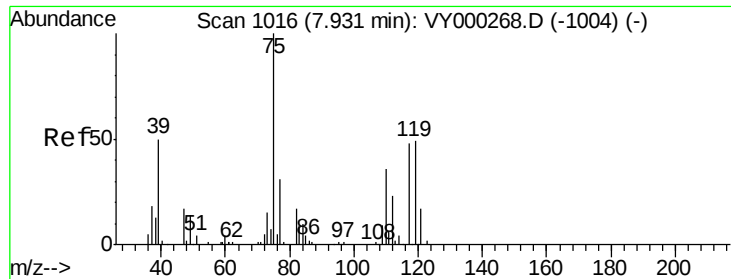
#35
Dibromofluoromethane
Concen: 50.044 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Tgt Ion:113 Resp: 95567
Ion Ratio Lower Upper
113 100
111 101.5 81.6 122.4
192 19.4 15.3 22.9



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

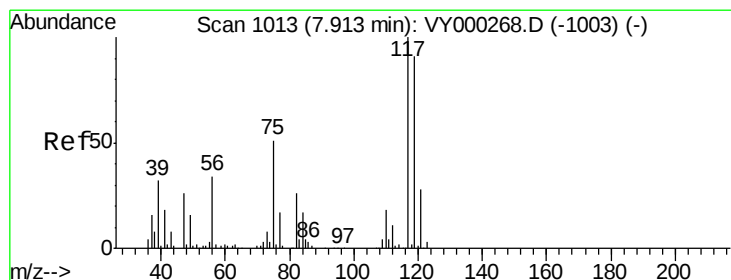
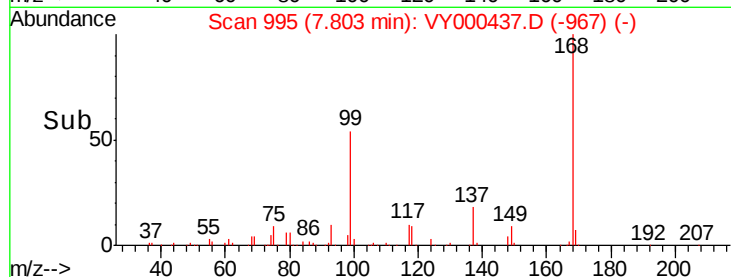
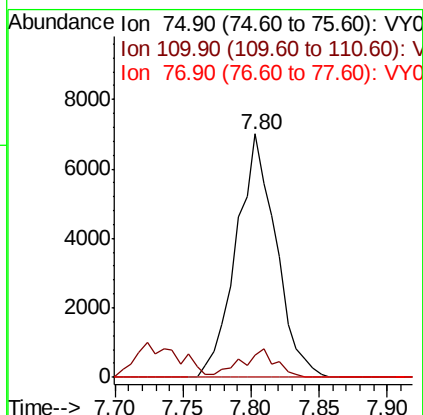
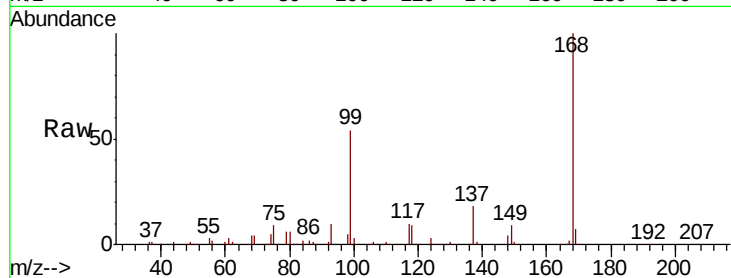




#36
 1,1-Dichloropropene
 Concen: 4.609 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000437.D
 Acq: 25 Oct 2019 18:24

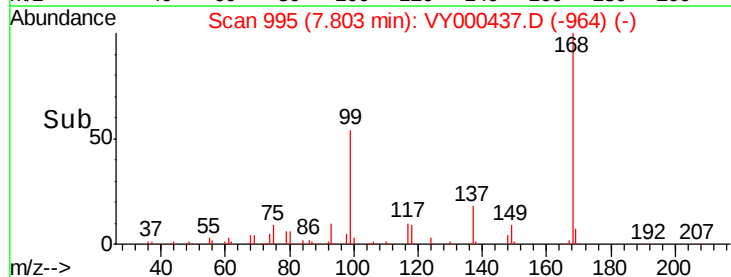
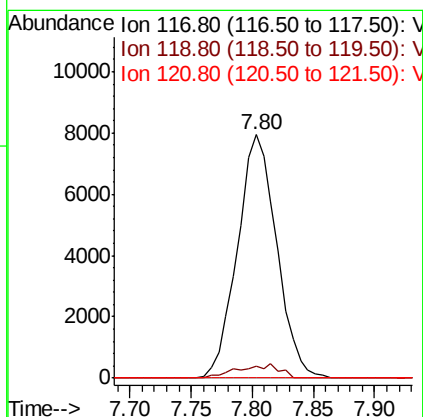
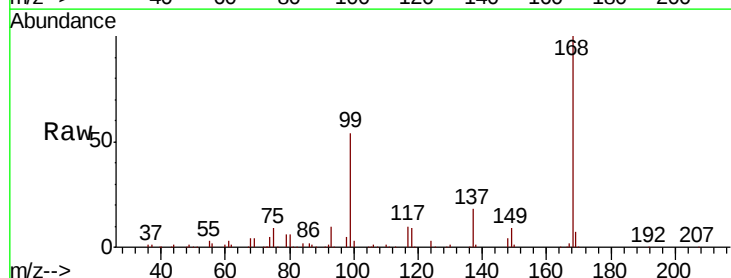
Instrument :
 MSVOA_Y
 ClientSampleId :

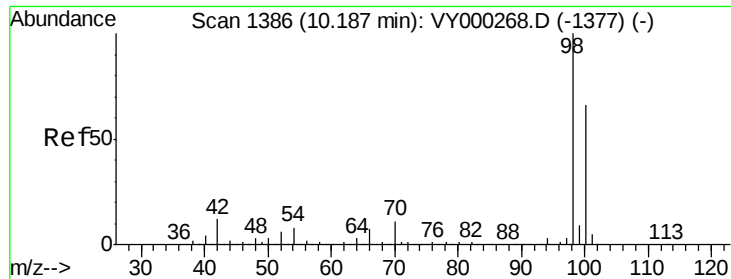
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.4	55.4#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.896 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000437.D
 Acq: 25 Oct 2019 18:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	72.8	109.2#
121	0.0	22.2	33.2#





#50

Toluene-d8

Concen: 50.345 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

Instrument :

MSVOA_Y

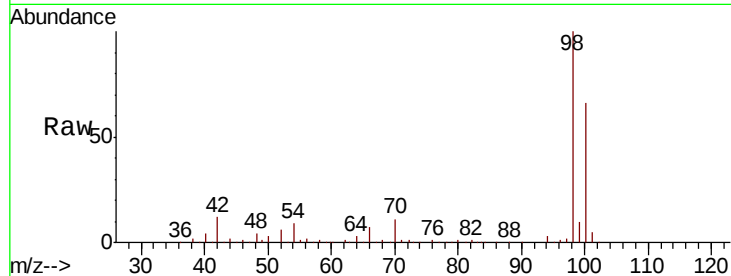
ClientSampleId :

Tot Ion: 98 Resp: 369838

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

50000

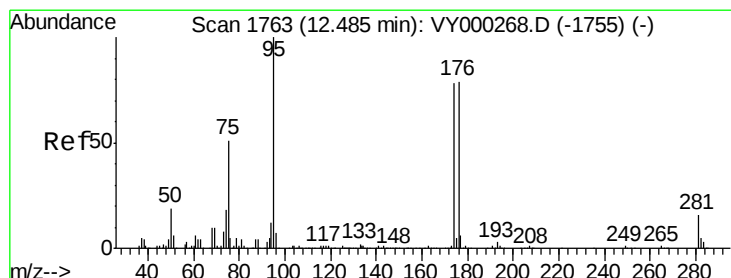
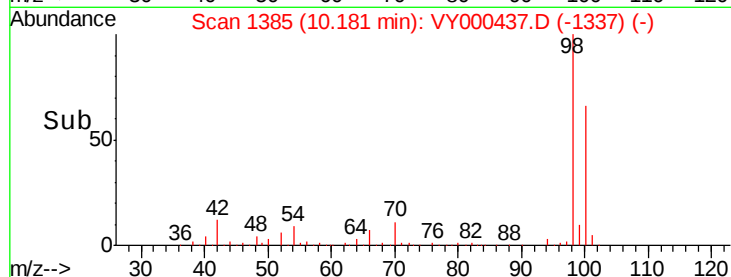
0

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 44.186 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

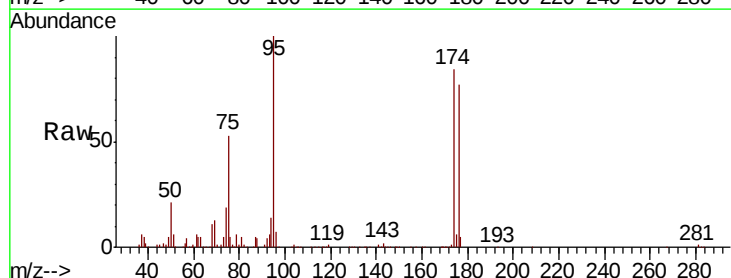
Tgt Ion: 95 Resp: 123316

Ion Ratio Lower Upper

95 100

174 83.7 0.0 159.6

176 79.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

20000

0

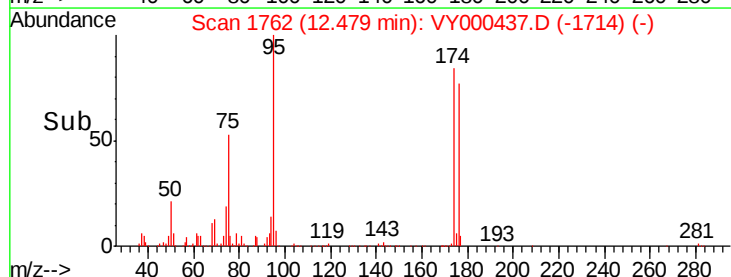
12.40

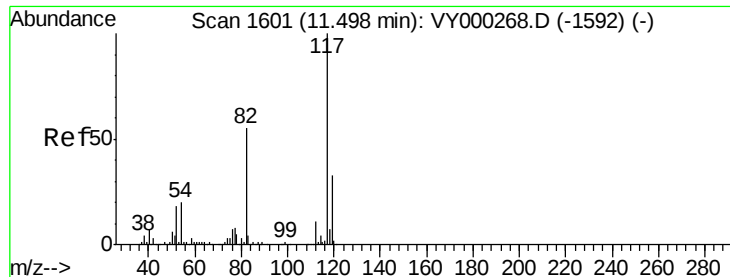
12.45

12.50

12.55

Time-->

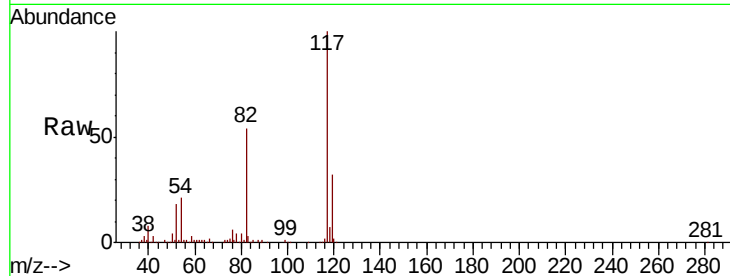




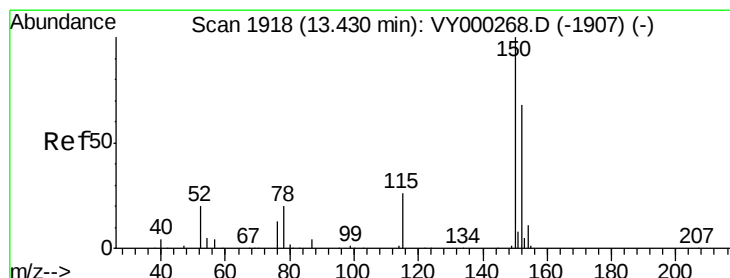
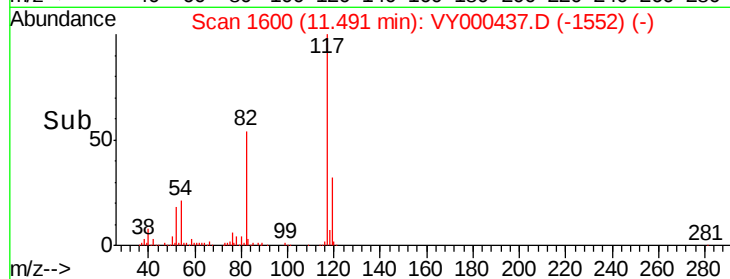
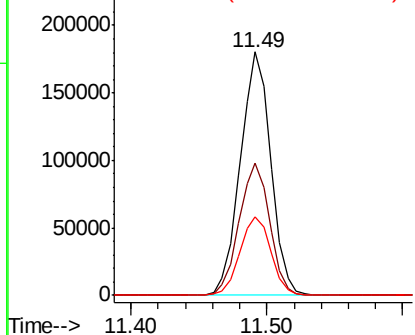
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 282086
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.1 26.6 39.8

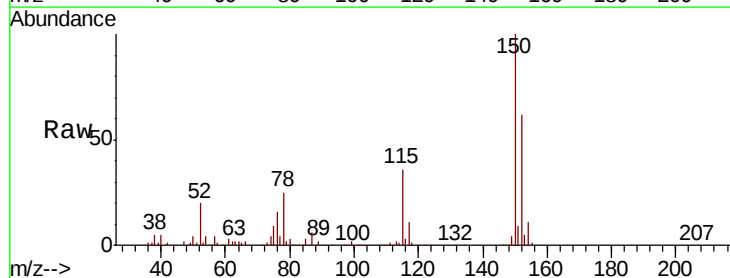


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

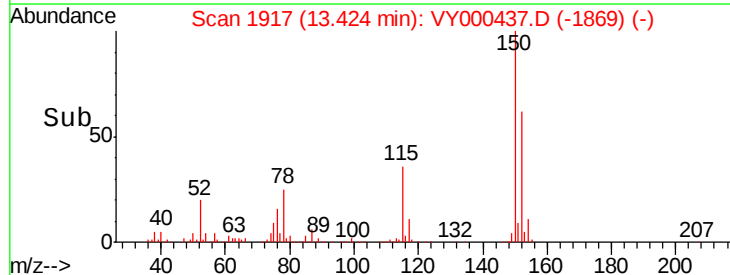
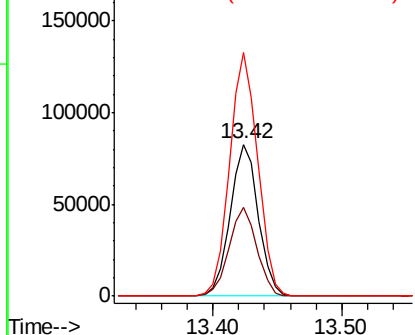


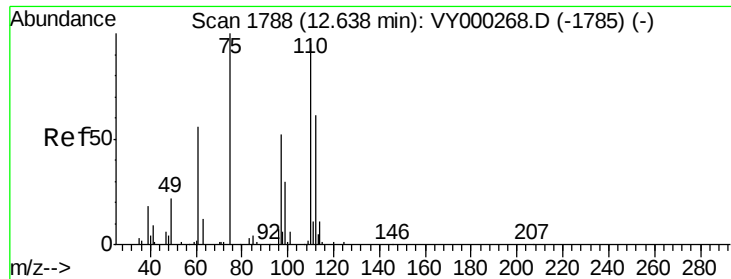
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000437.D
Acq: 25 Oct 2019 18:24

Tgt Ion:152 Resp: 125384
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 160.6 0.0 348.4



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: 41.330 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

Instrument :

MSVOA_Y

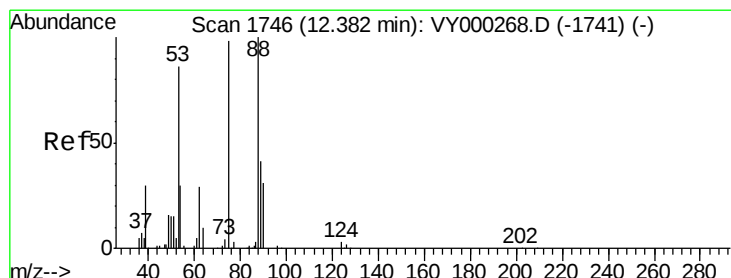
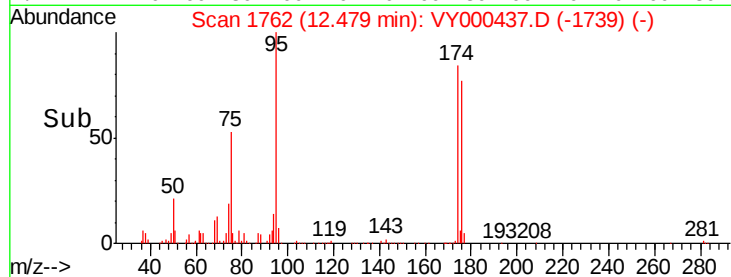
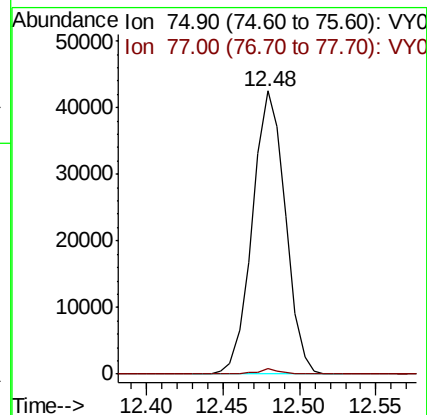
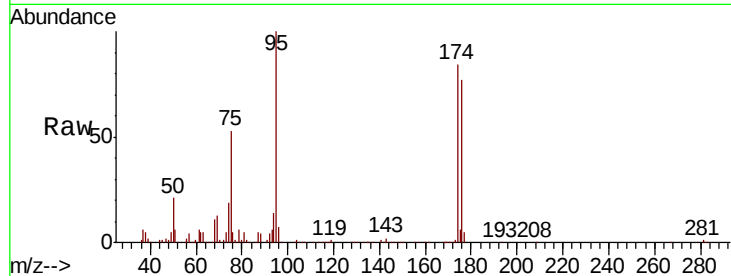
ClientSampleId :

Tot Ion: 75 Resp: 63722

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.428 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000437.D

Acq: 25 Oct 2019 18:24

Tgt Ion: 75 Resp: 63722

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.2 35.1 52.7#

