

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
 Data File : VY001452.D
 Acq On : 31 Jan 2020 14:02
 Operator : SY/MD
 Sample : L1318-18RE
 Misc : 6.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-05-CRE

Quant Time: Jan 31 14:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	64636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	111169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	91598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	37177	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	30632	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	7.74	113	30252	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
50) Toluene-d8	10.19	98	130438	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.49	95	39721	39.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.70%	

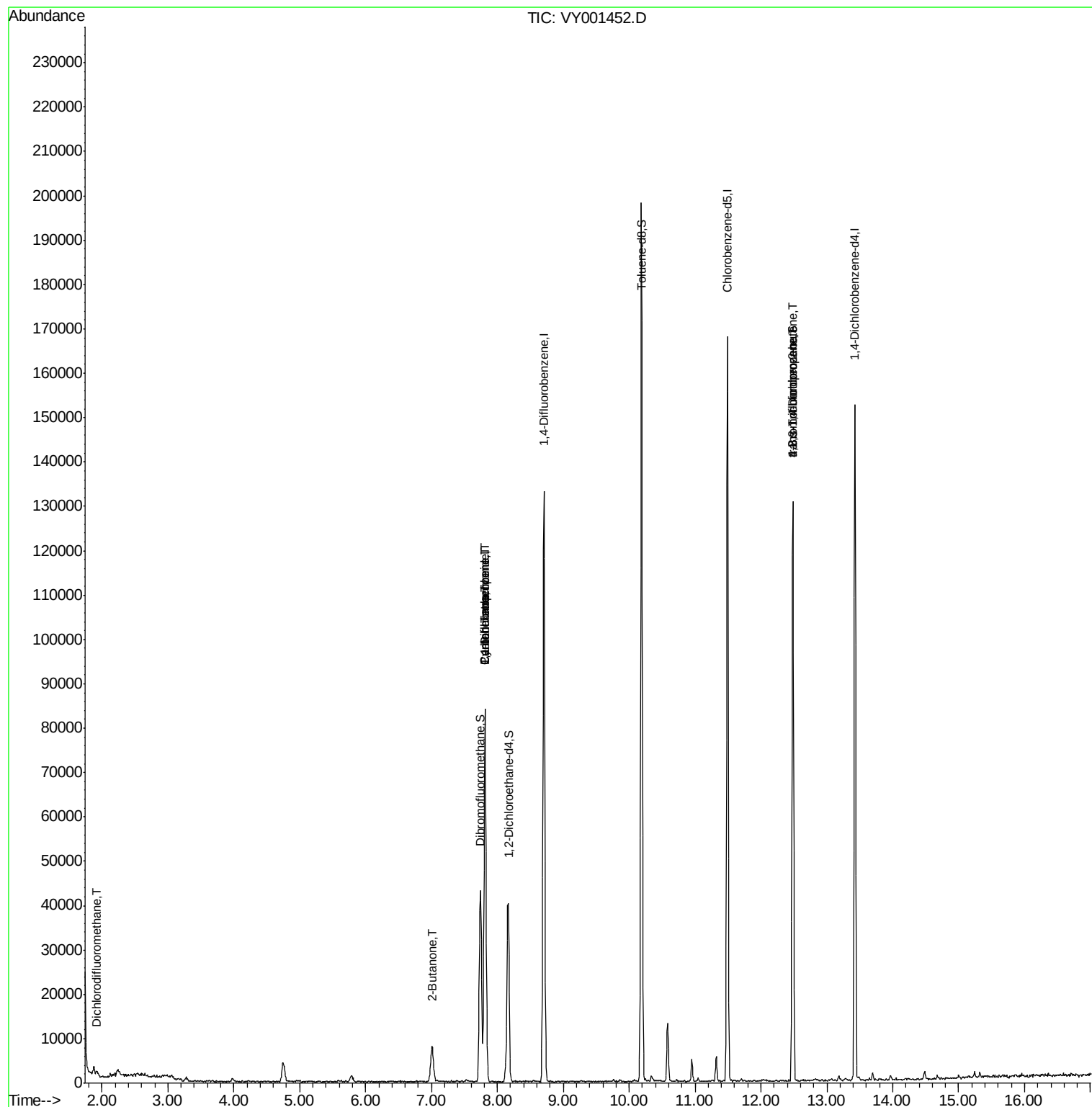
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	790	1.55	ug/l	91
11) Tert butyl alcohol	5.00	59	135	Below Cal	#	74
16) Acetone	3.97	43	1353	Below Cal		92
20) Methylene Chloride	4.75	84	3345	Below Cal	#	75
25) 2-Butanone	7.00	43	570	1.86	ug/l	# 49
31) Cyclohexane	7.81	56	1546	1.14	ug/l	# 28
36) 1,1-Dichloropropene	7.82	75	5053	4.81	ug/l	# 49
38) Carbon Tetrachloride	7.81	117	6050	6.46	ug/l	# 14
76) 1,2,3-Trichloropropane	12.49	75	19920	44.47	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	19920	84.15	ug/l	# 14

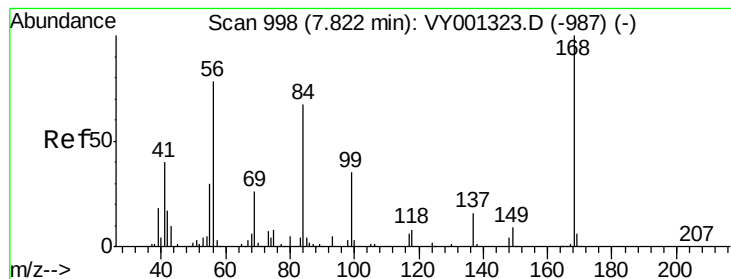
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001452.D

Acq: 31 Jan 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

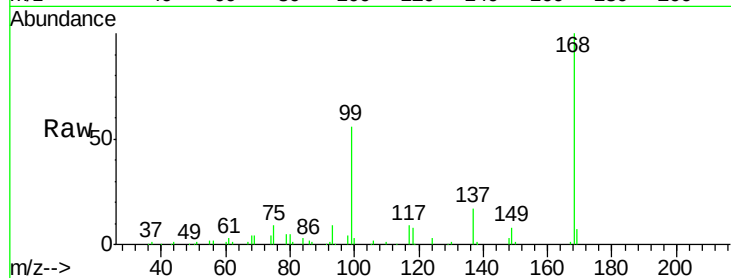
RAINEY-PARK-BH-05-CRE

Tgt Ion:168 Resp: 64636

Ion Ratio Lower Upper

168 100

99 56.4 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

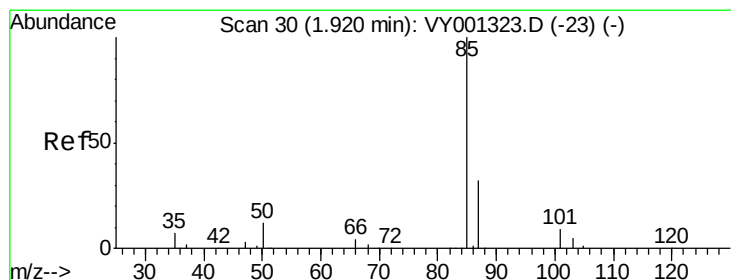
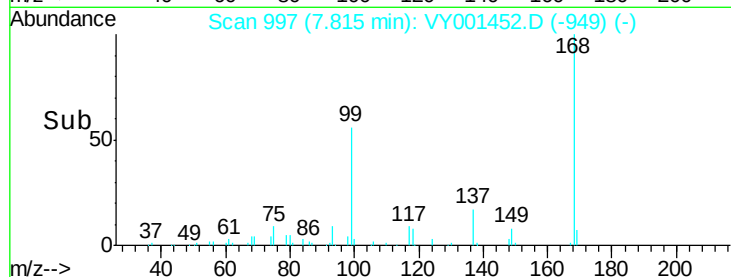
30000

20000

10000

0

Time--> 7.70 7.75 7.80 7.85 7.90



#2

Dichlorodifluoromethane

Concen: 1.55 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001452.D

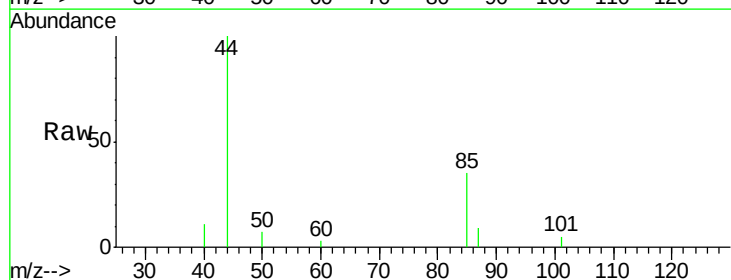
Acq: 31 Jan 2020 14:02

Tgt Ion: 85 Resp: 790

Ion Ratio Lower Upper

85 100

87 26.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.91

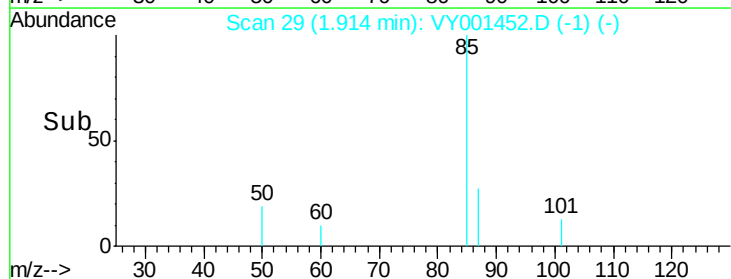
600

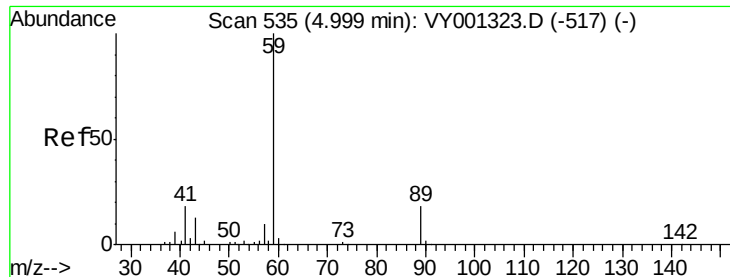
400

200

0

Time--> 1.90 1.95

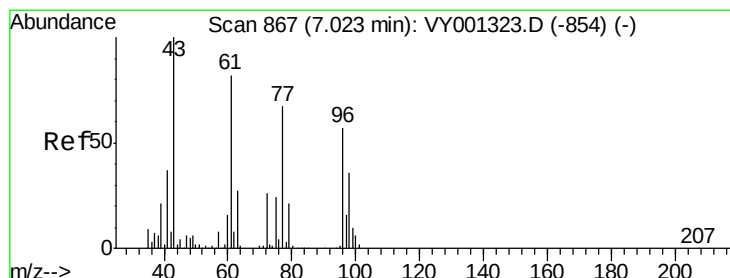
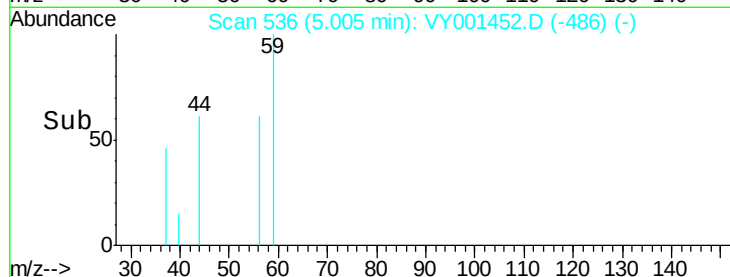
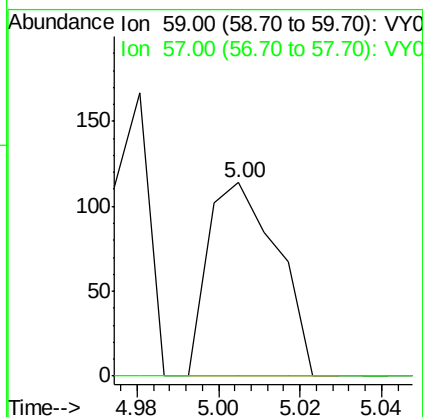
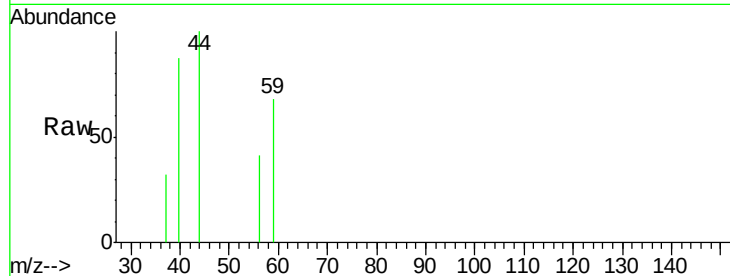




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001452.D
Acq: 31 Jan 2020 14:02

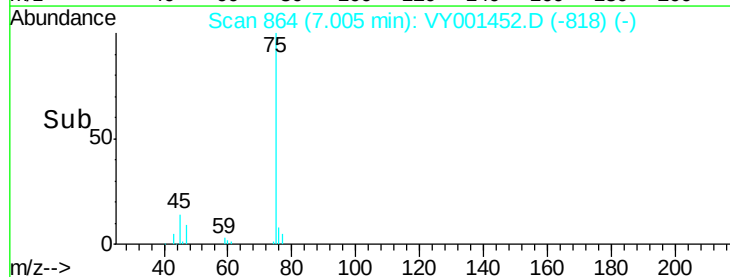
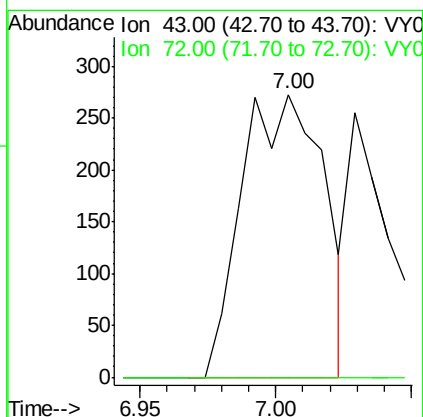
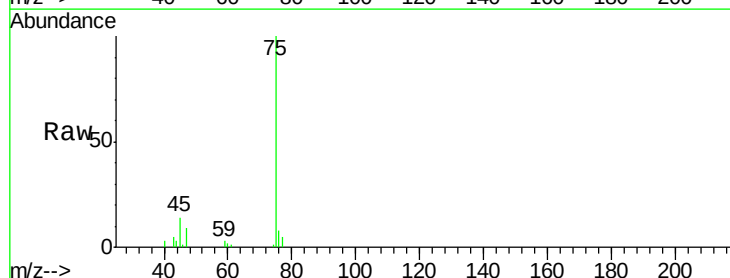
Instrument :
MSVOA_Y
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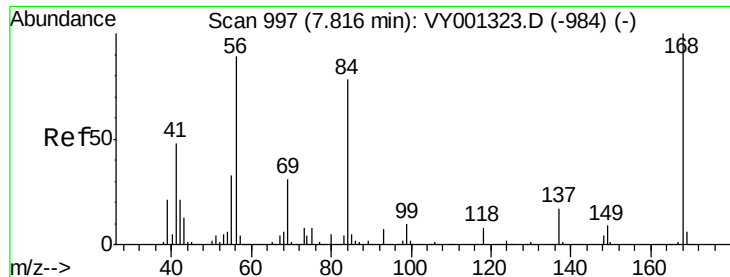
Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#25
2-Butanone
Concen: 1.86 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.02 min
Lab File: VY001452.D
Acq: 31 Jan 2020 14:02

Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#

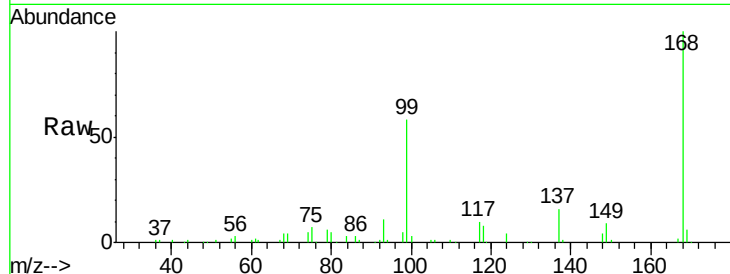




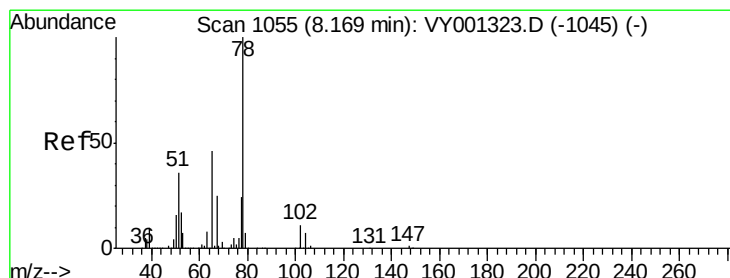
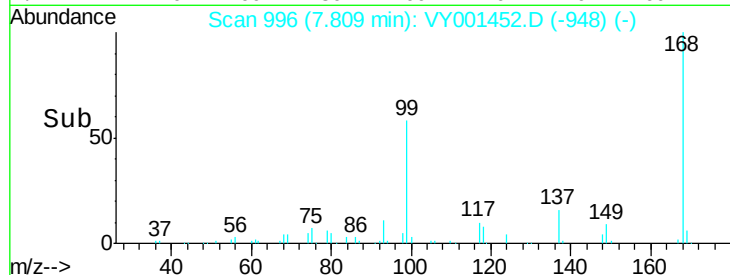
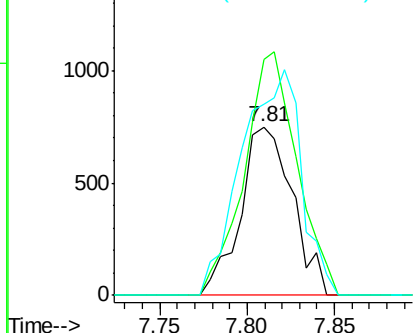
#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001452.D
Acq: 31 Jan 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-05-CRE

Tgt Ion: 56 Resp: 1546
Ion Ratio Lower Upper
56 100
69 140.3 27.6 41.4#
84 113.5 69.7 104.5#

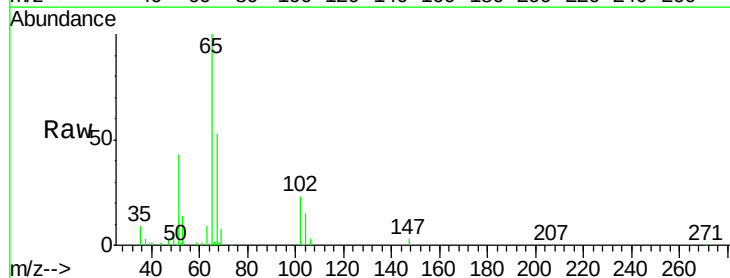


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

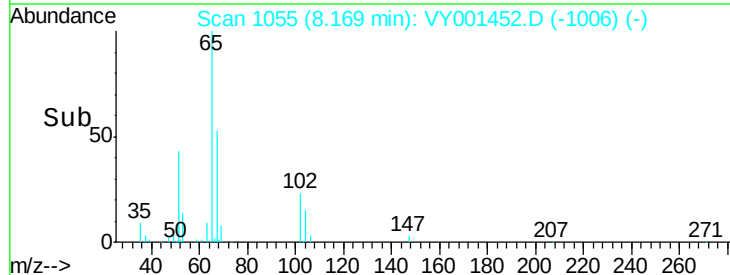
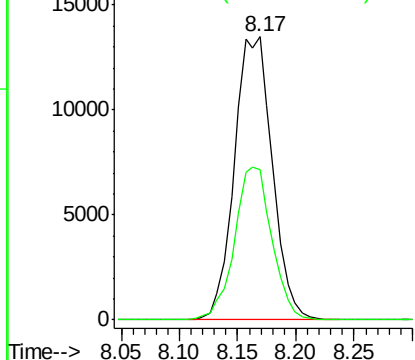


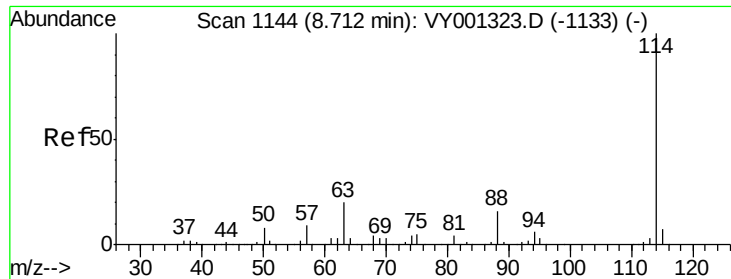
#33
1,2-Dichloroethane-d4
Concen: 43.55 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001452.D
Acq: 31 Jan 2020 14:02

Tgt Ion: 65 Resp: 30632
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.6



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

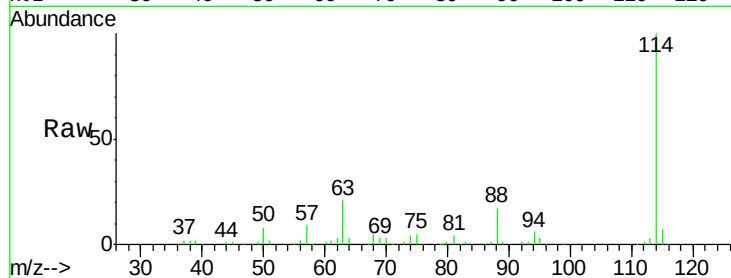




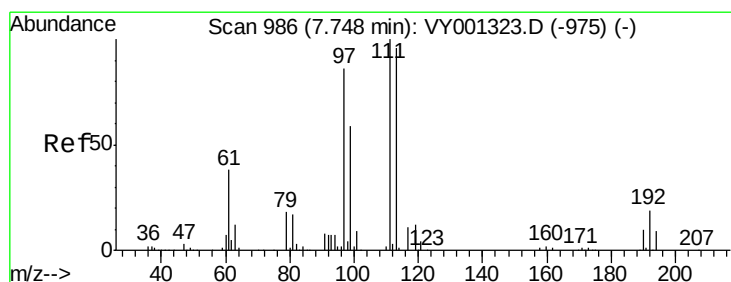
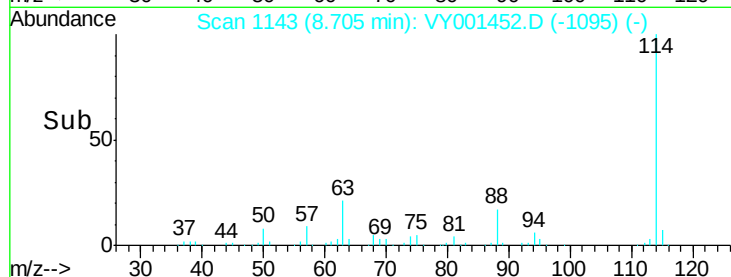
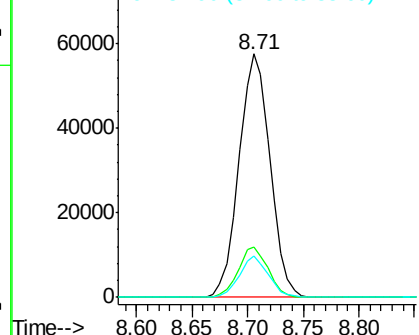
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001452.D
 Acq: 31 Jan 2020 14:02

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 MSVOA_Y
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 RAINEY-PARK-BH-05-CRE

Tgt Ion:114 Resp: 111169
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.8 0.0 31.0

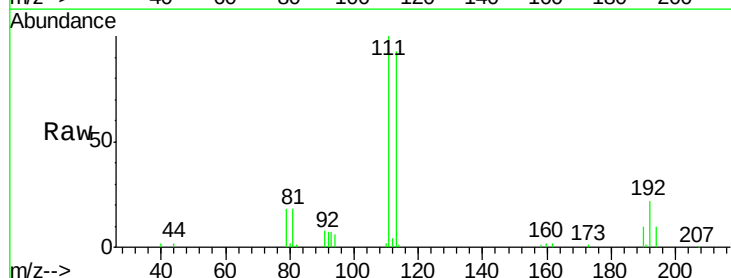


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

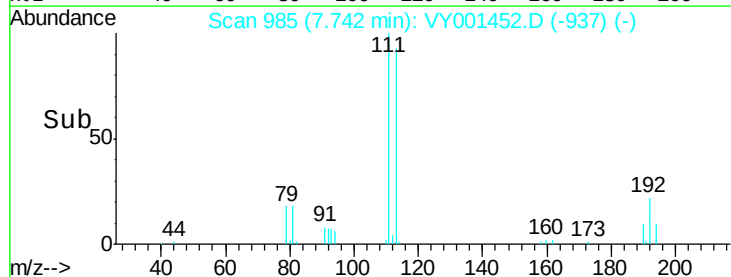
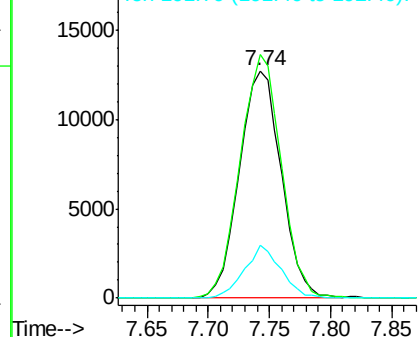


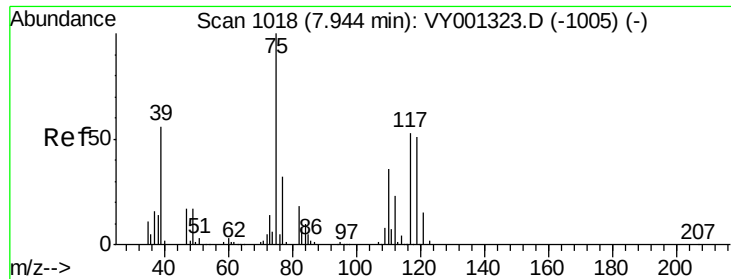
#35
 Dibromofluoromethane
 Concen: 46.37 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001452.D
 Acq: 31 Jan 2020 14:02

Tgt Ion:113 Resp: 30252
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.8 124.2
 192 20.1 15.5 23.3



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

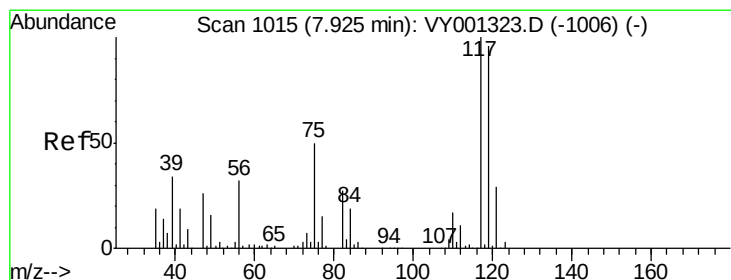
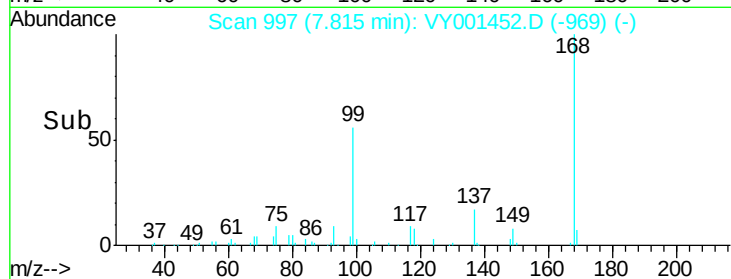
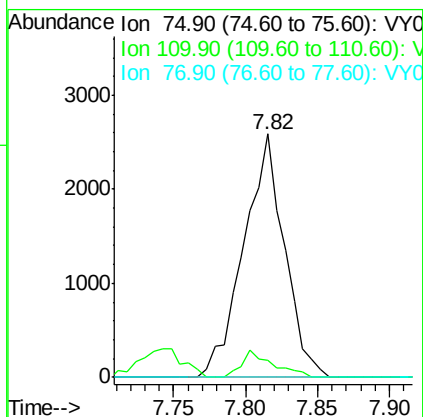
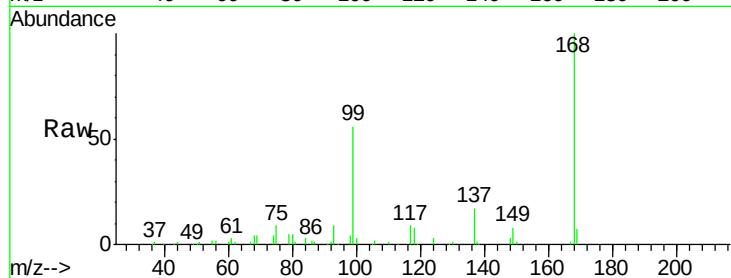




#36
 1,1-Dichloropropene
 Concen: 4.81 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001452.D
 Acq: 31 Jan 2020 14:02

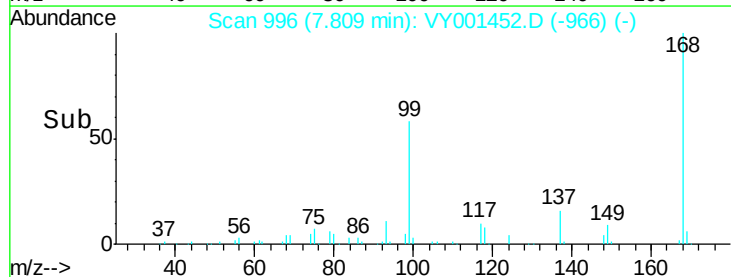
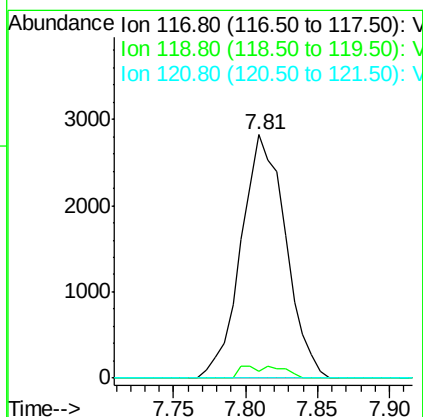
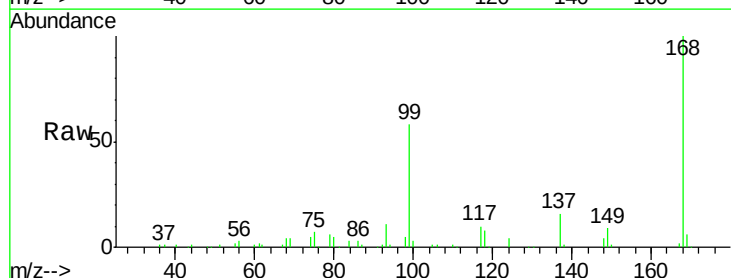
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-05-CRE

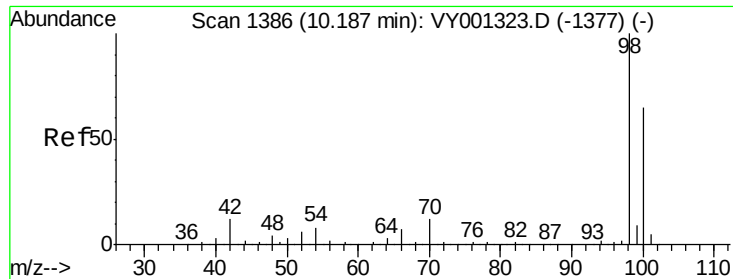
Tgt Ion: 75 Resp: 5053
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.6 52.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.46 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY001452.D
 Acq: 31 Jan 2020 14:02

Tgt Ion: 117 Resp: 6050
 Ion Ratio Lower Upper
 117 100
 119 2.7 76.3 114.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.46 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001452.D

Acq: 31 Jan 2020 14:02

Instrument :

MSVOA_Y

ClientSampleId :

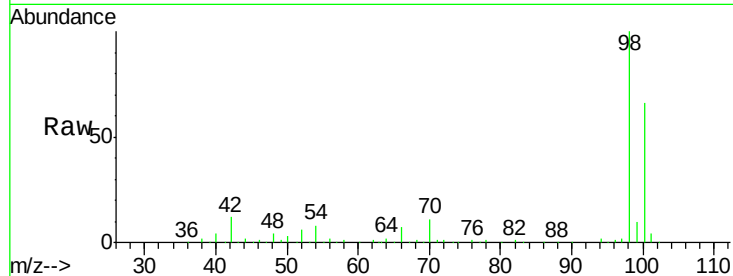
RAINEY-PARK-BH-05-CRE

Tgt Ion: 98 Resp: 130438

Ion Ratio Lower Upper

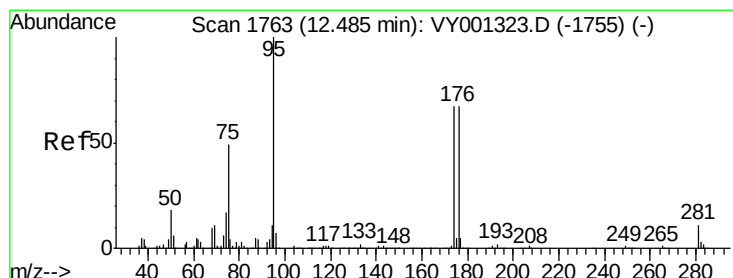
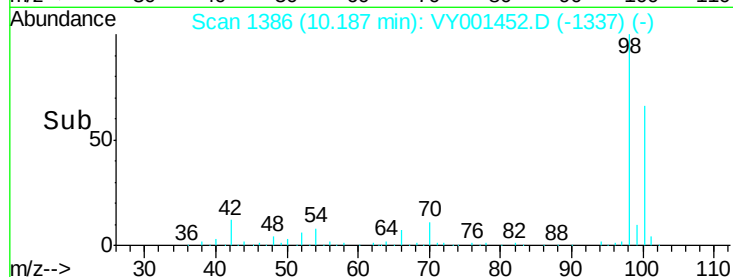
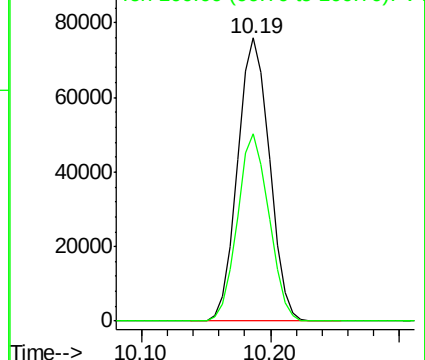
98 100

100 65.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 39.35 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001452.D

Acq: 31 Jan 2020 14:02

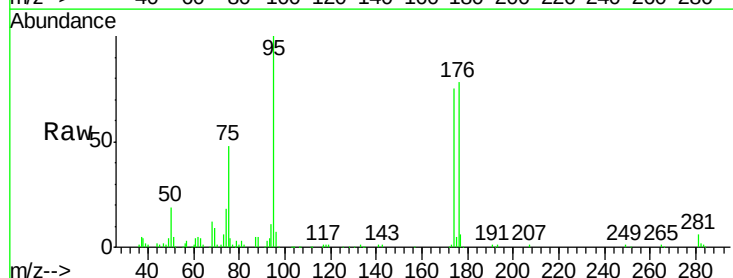
Tgt Ion: 95 Resp: 39721

Ion Ratio Lower Upper

95 100

174 76.9 0.0 142.0

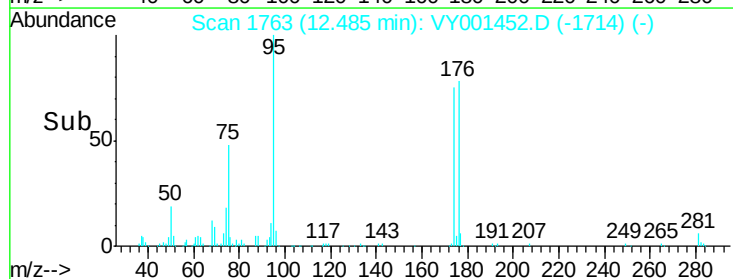
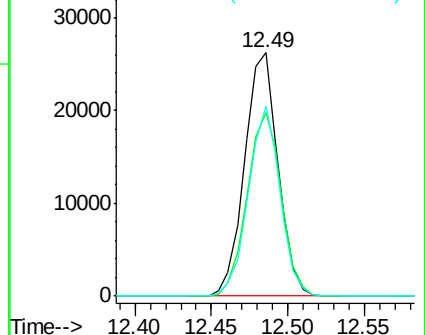
176 74.2 0.0 138.6

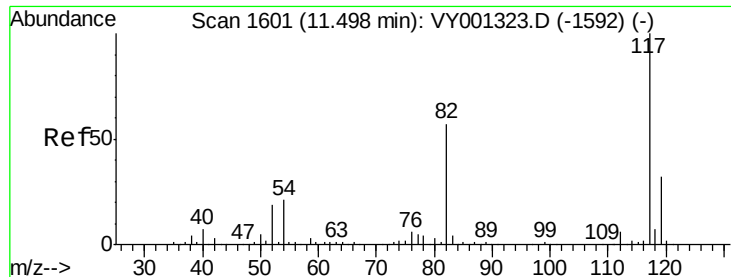


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

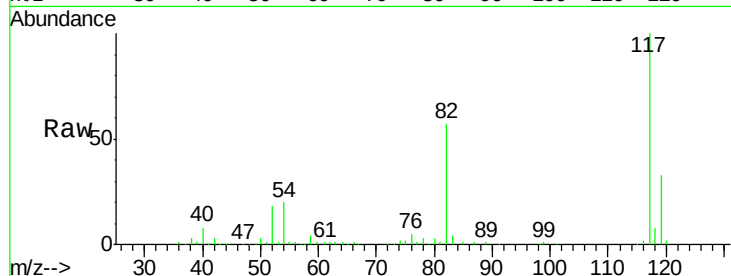




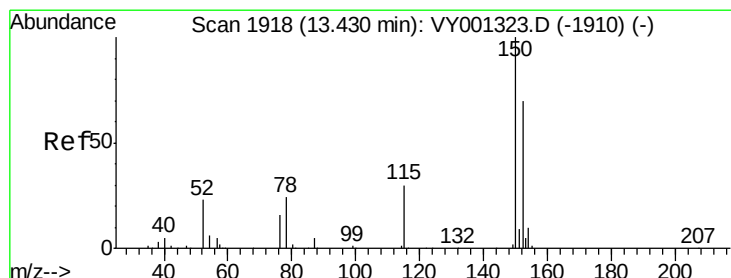
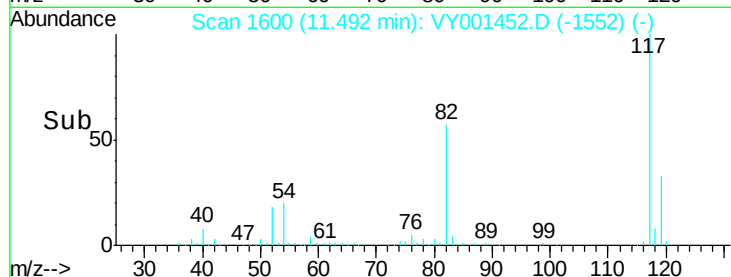
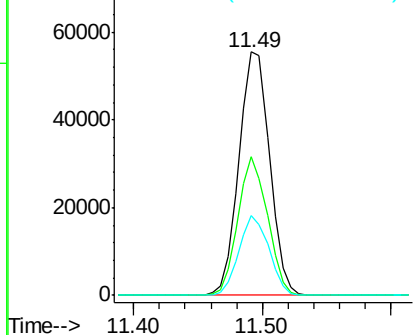
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001452.D
Acq: 31 Jan 2020 14:02

Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-05-CRE

Tgt Ion:117 Resp: 91598
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 32.5 25.8 38.6

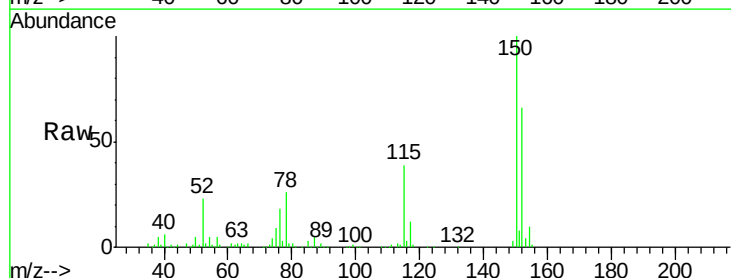


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

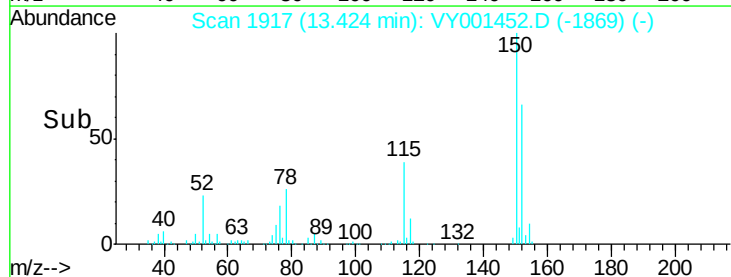
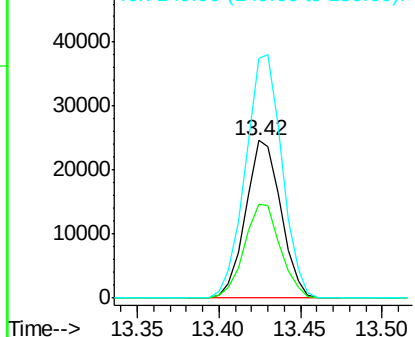


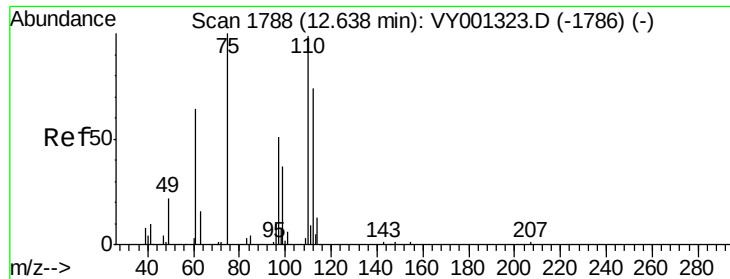
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001452.D
Acq: 31 Jan 2020 14:02

Tgt Ion:152 Resp: 37177
Ion Ratio Lower Upper
152 100
115 61.0 30.9 92.8
150 160.1 0.0 349.2



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

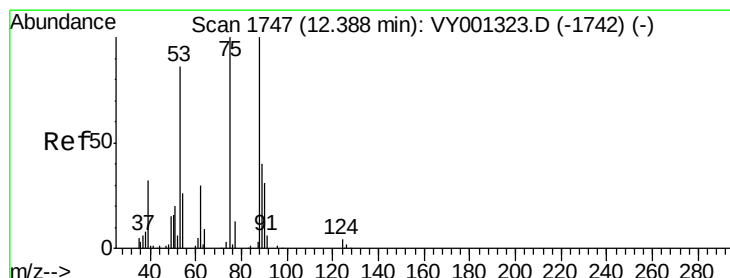
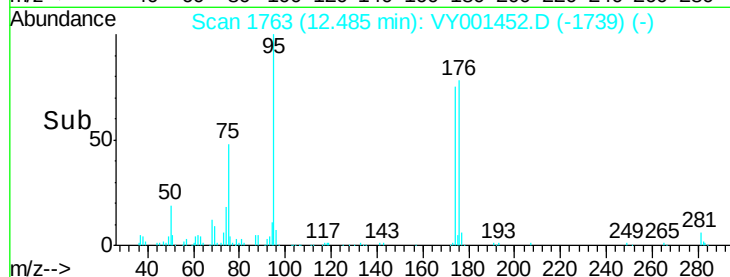
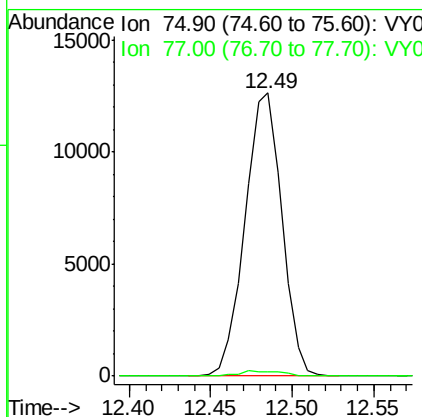
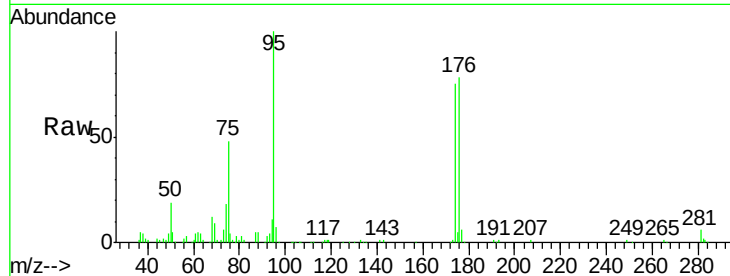




#76
 1,2,3-Trichloropropane
 Concen: 44.47 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY001452.D
 Acq: 31 Jan 2020 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-05-CRE

Tgt Ion: 75 Resp: 19920
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.15 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001452.D
 Acq: 31 Jan 2020 14:02

Tgt Ion: 75 Resp: 19920
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.9 104.9#
 89 0.0 36.6 54.8#

