

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013020\
 Data File : VY001429.D
 Acq On : 30 Jan 2020 14:53
 Operator : SY/MD
 Sample : L1319-03
 Misc : 4.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-06-B

Quant Time: Jan 30 15:25:44 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	7.81	168	106611	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	187432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	158227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	61270	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	55935	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.74	113	53212	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.19	98	218380	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.49	95	69283	40.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.42%	

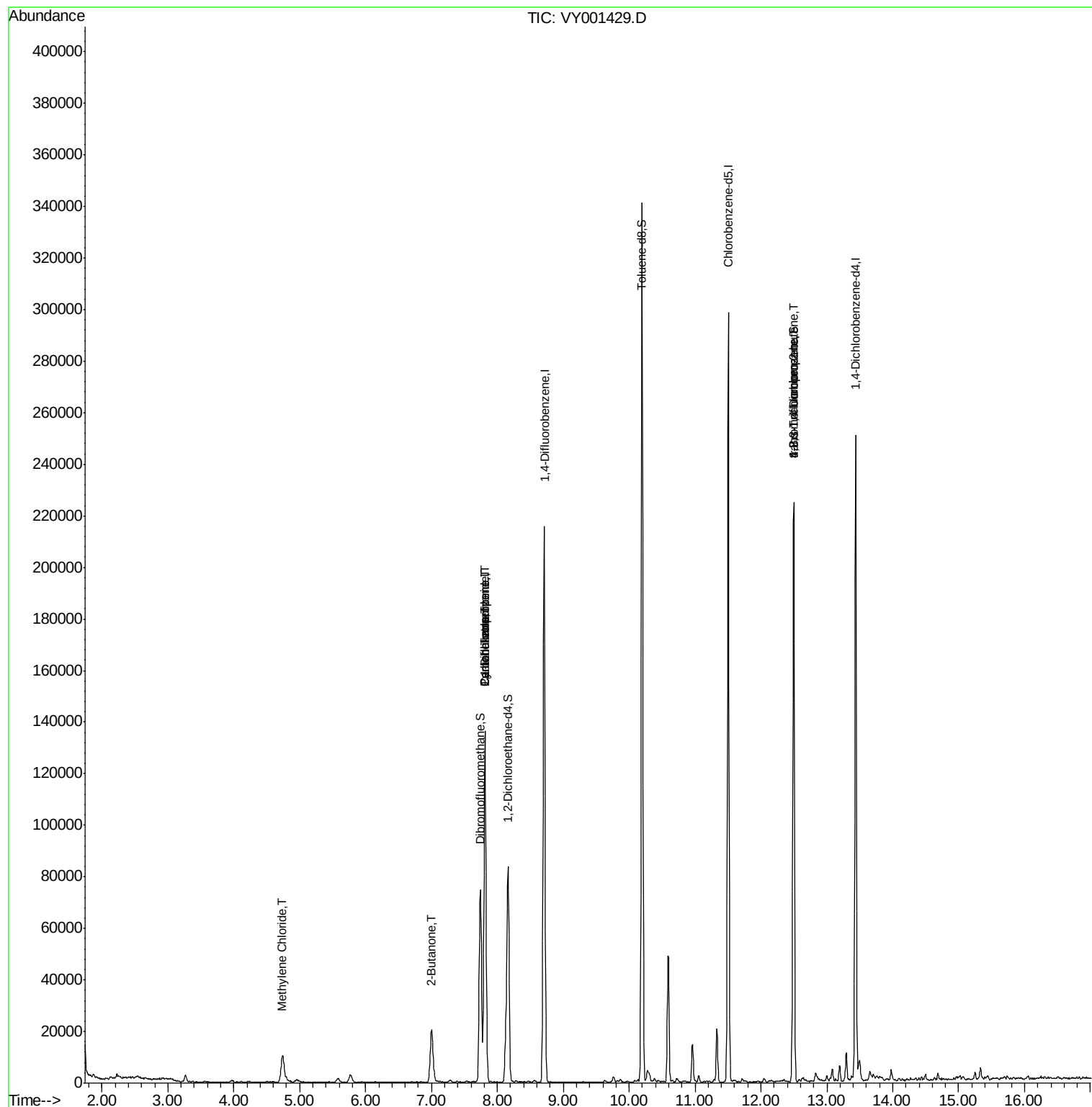
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	277	Below Cal	#	74
16) Acetone	3.98	43	1353	Below Cal	#	43
20) Methylene Chloride	4.73	84	7653	1.21	ug/l	91
25) 2-Butanone	6.99	43	732	1.45	ug/l	# 69
31) Cyclohexane	7.82	56	2306	1.03	ug/l	# 1
36) 1,1-Dichloropropene	7.82	75	8391	4.74	ug/l	# 50
38) Carbon Tetrachloride	7.82	117	10753	6.81	ug/l	# 16
76) 1,2,3-Trichloropropane	12.50	75	34949	47.34	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.50	75	34949	89.58	ug/l	# 14

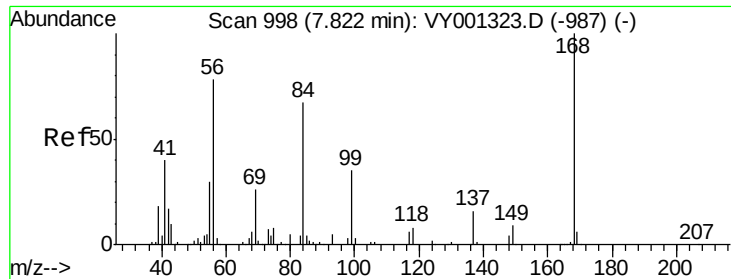
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY013020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001429.D

Acq: 30 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

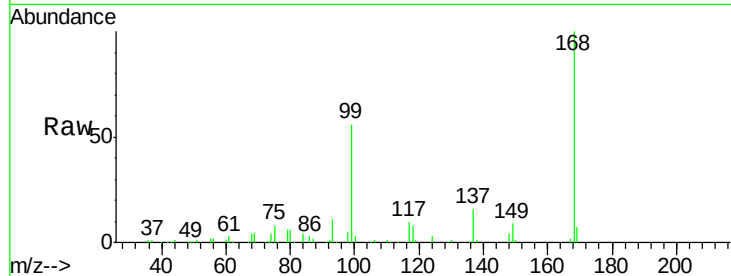
RAINEY-PARK-BH-06-B

Tgt Ion:168 Resp: 106611

Ion Ratio Lower Upper

168 100

99 56.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001429.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001429.D (-949) (-)

7.81

50000

40000

30000

20000

10000

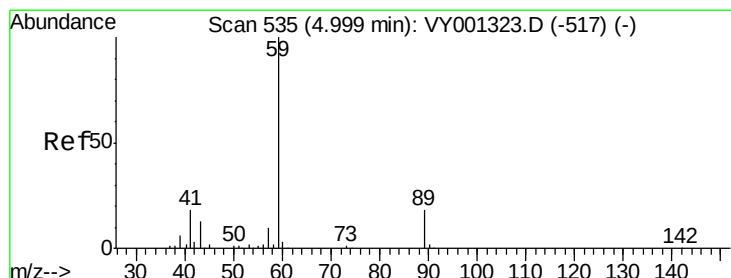
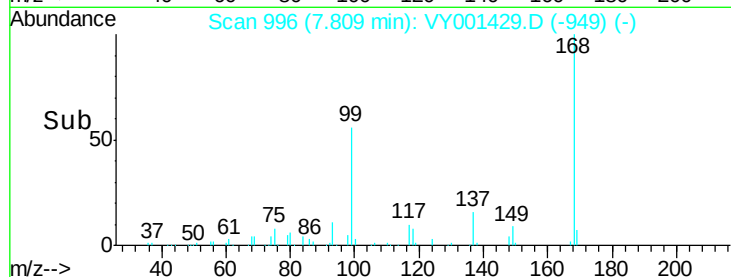
0

Time-->

7.70

7.80

7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. -0.03 min

Lab File: VY001429.D

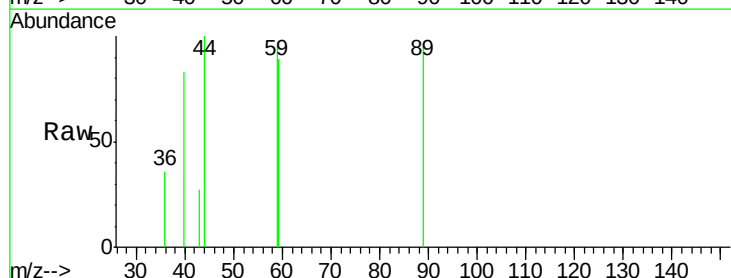
Acq: 30 Jan 2020 14:53

Tgt Ion: 59 Resp: 277

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001429.D (-486) (-)

Ion 57.00 (56.70 to 57.70): VY001429.D (-486) (-)

4.97

600

400

200

0

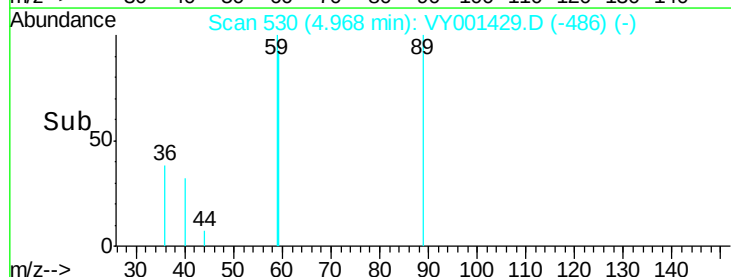
Time-->

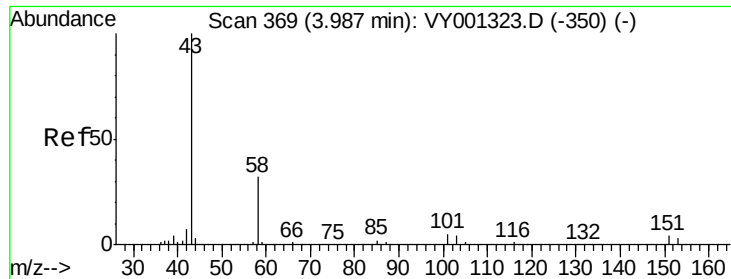
4.96

4.97

4.98

4.99





#16

Acetone

Concen: Below Cal

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001429.D

Acq: 30 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

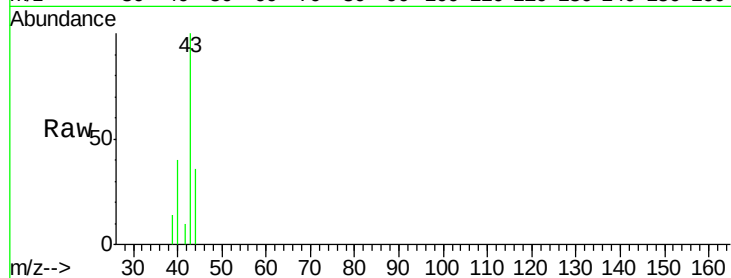
RAINEY-PARK-BH-06-B

Tgt Ion: 43 Resp: 1353

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.98

600

500

400

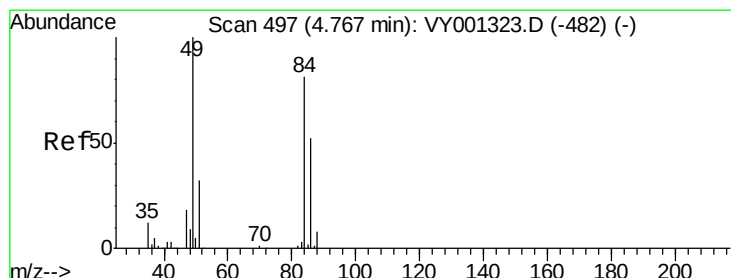
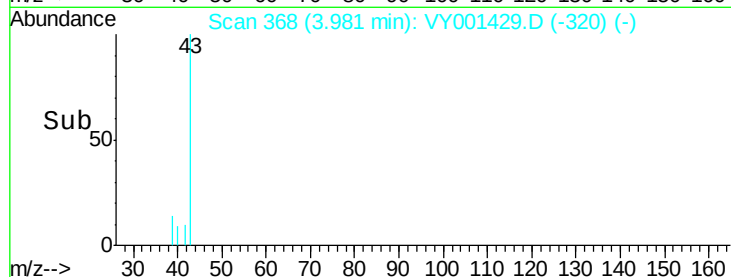
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 1.21 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.04 min

Lab File: VY001429.D

Acq: 30 Jan 2020 14:53

Tgt Ion: 84 Resp: 7653

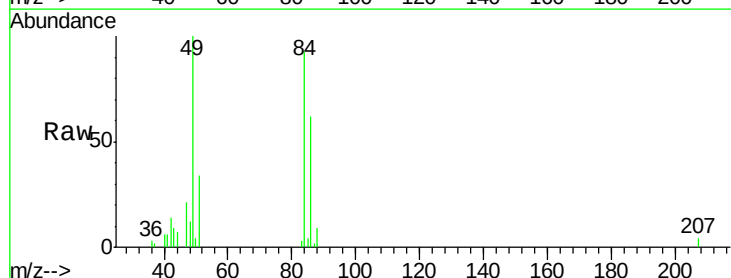
Ion Ratio Lower Upper

84 100

49 107.8 98.3 147.5

51 37.1 31.6 47.4

86 67.2 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

5000

4000

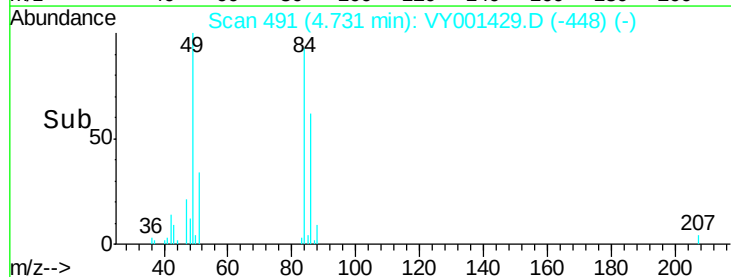
3000

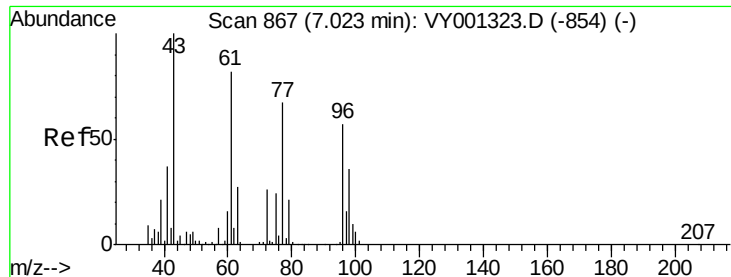
2000

1000

0

Time-->

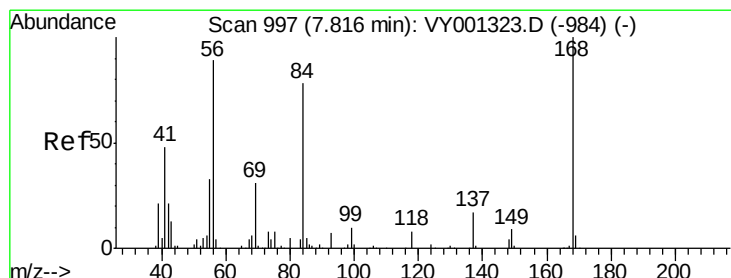
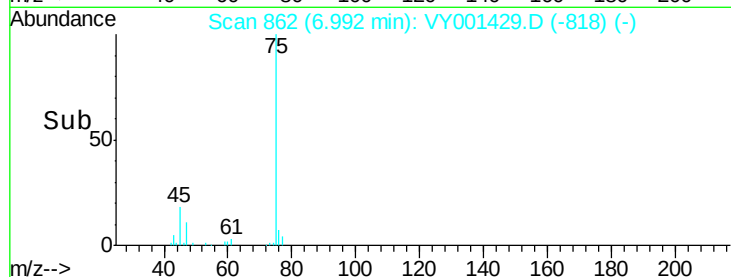
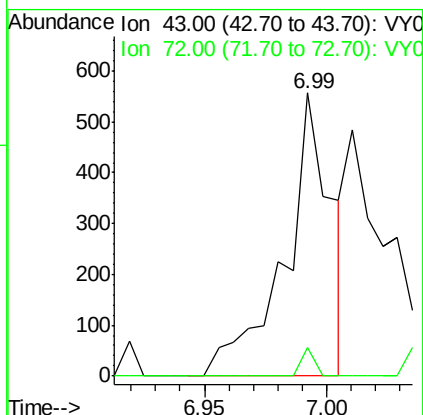
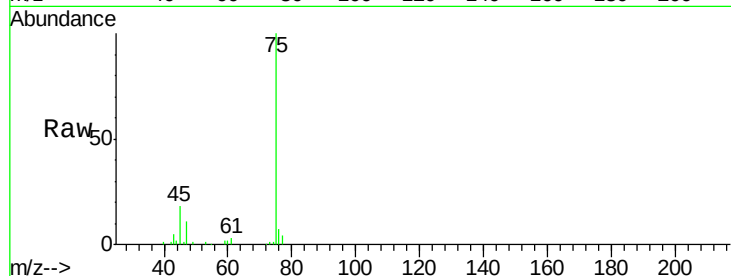




#25
2-Butanone
Concen: 1.45 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.03 min
Lab File: VY001429.D
Acq: 30 Jan 2020 14:53

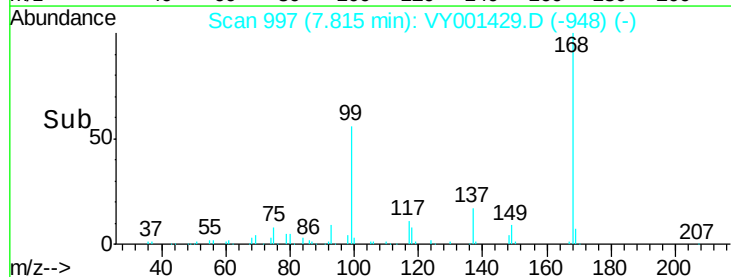
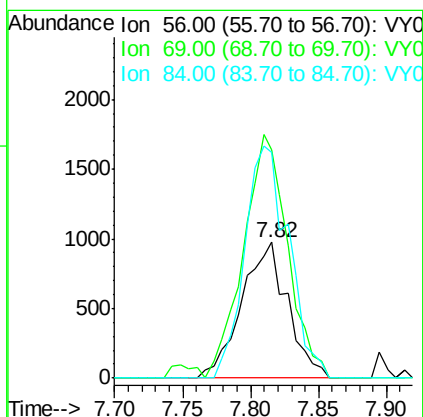
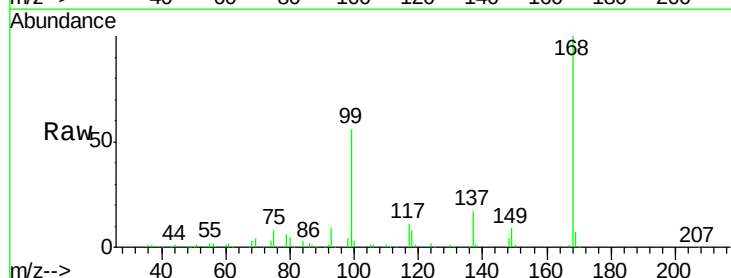
Instrument :
MSVOA_Y
ClientSampleId :
RAINEY-PARK-BH-06-B

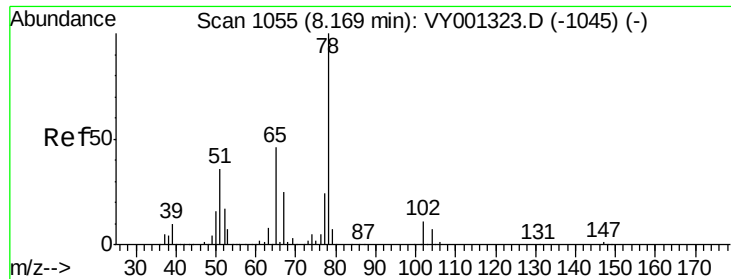
Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
72 10.2 20.6 31.0#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001429.D
Acq: 30 Jan 2020 14:53

Tgt Ion: 56 Resp: 2306
Ion Ratio Lower Upper
56 100
69 168.3 27.6 41.4#
84 165.9 69.7 104.5#

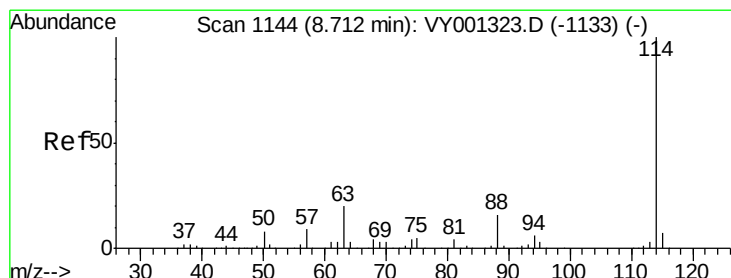
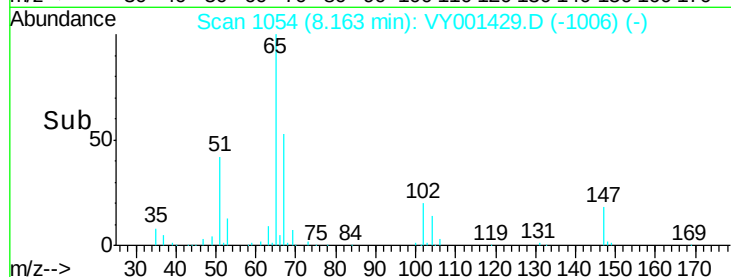
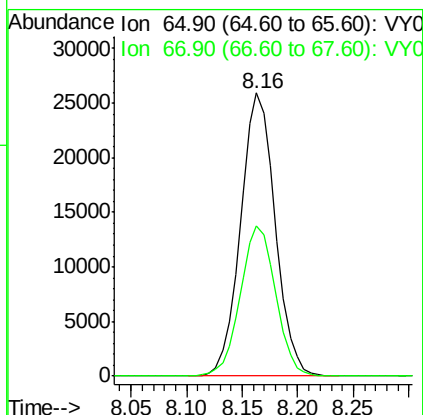
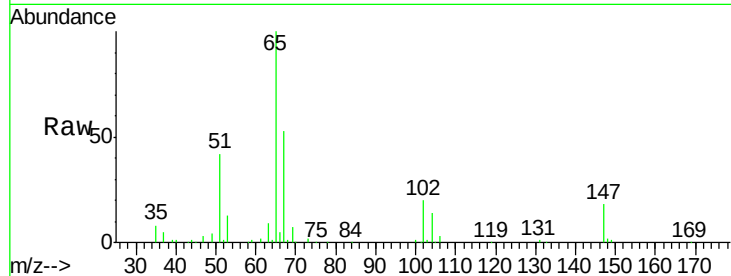




#33
 1,2-Dichloroethane-d4
 Concen: 48.22 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001429.D
 Acq: 30 Jan 2020 14:53

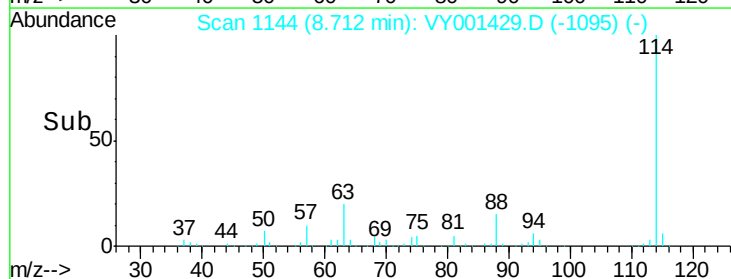
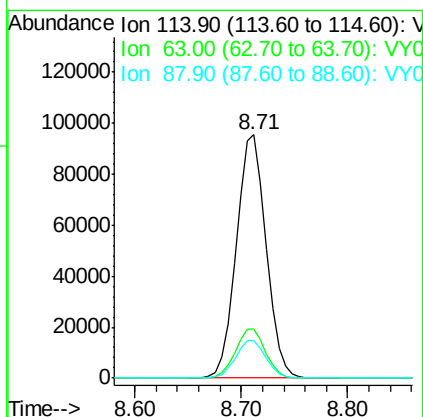
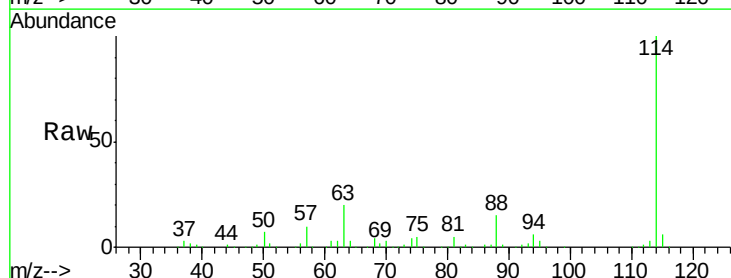
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-06-B

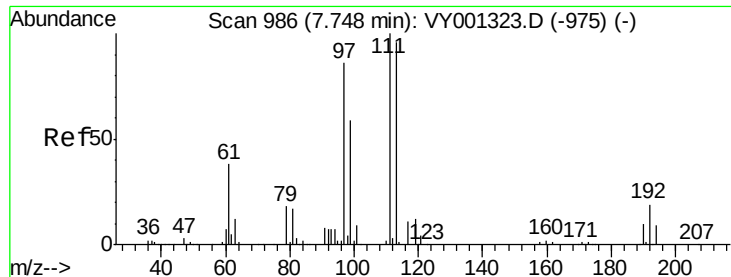
Tgt Ion: 65 Resp: 55935
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001429.D
 Acq: 30 Jan 2020 14:53

Tgt Ion: 114 Resp: 187432
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.3 0.0 31.0

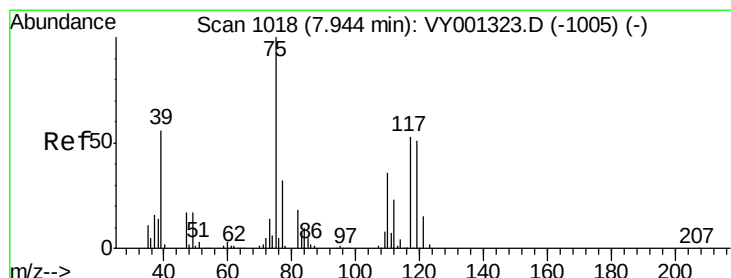
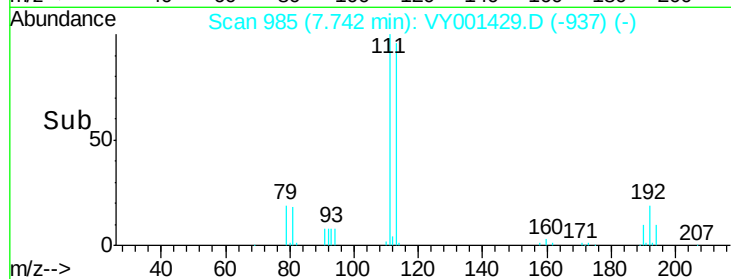
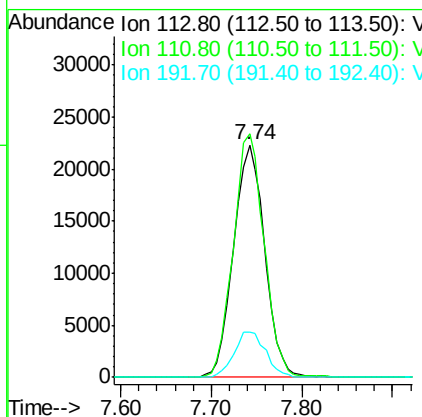
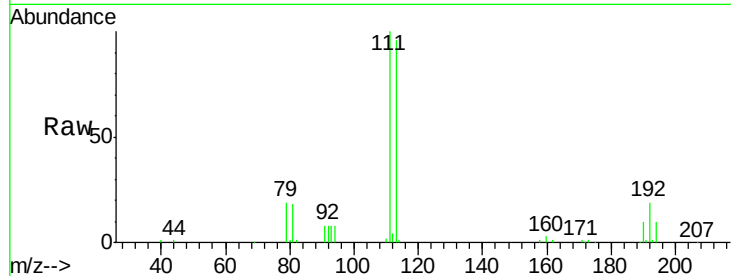




#35
 Dibromofluoromethane
 Concen: 48.37 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001429.D
 Acq: 30 Jan 2020 14:53

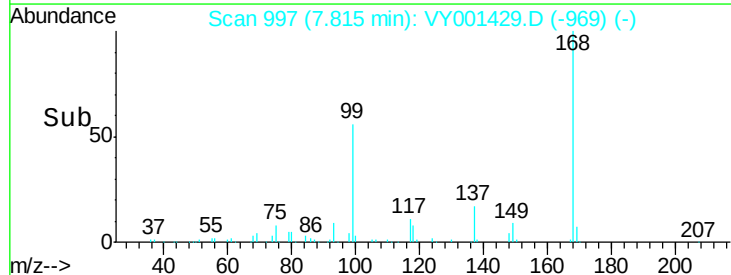
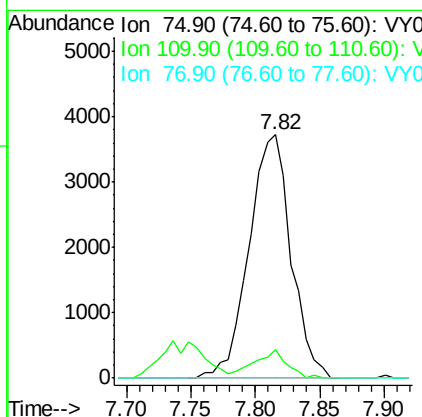
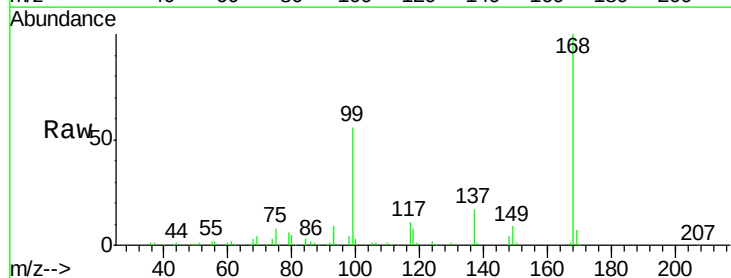
Instrument :
 MSVOA_Y
 ClientSampleId :
 RAINEY-PARK-BH-06-B

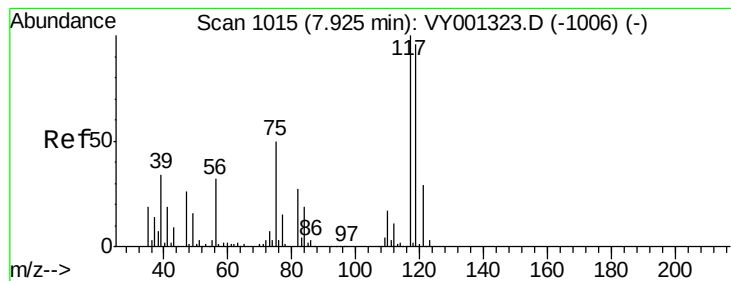
Tgt Ion: 113 Resp: 53212
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 19.8 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.74 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001429.D
 Acq: 30 Jan 2020 14:53

Tgt Ion: 75 Resp: 8391
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.6 52.8#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.81 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY001429.D

Acq: 30 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-06-B

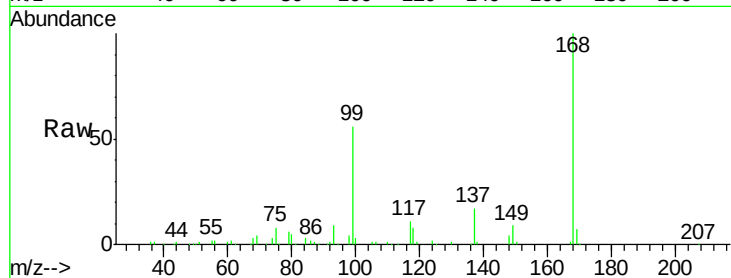
Tgt Ion: 117 Resp: 10753

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

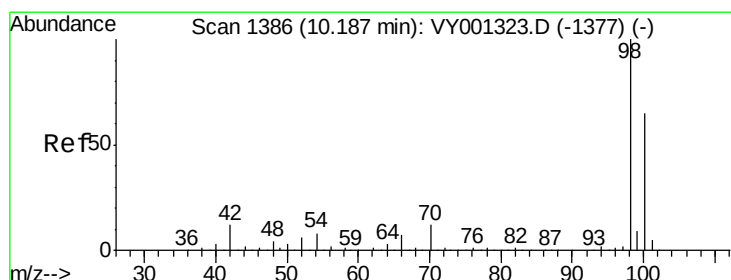
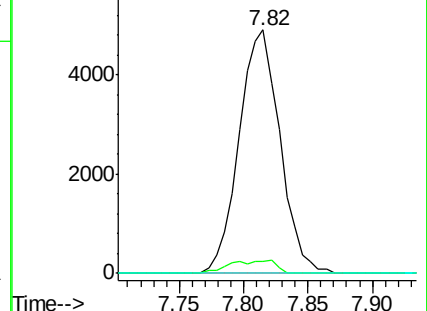
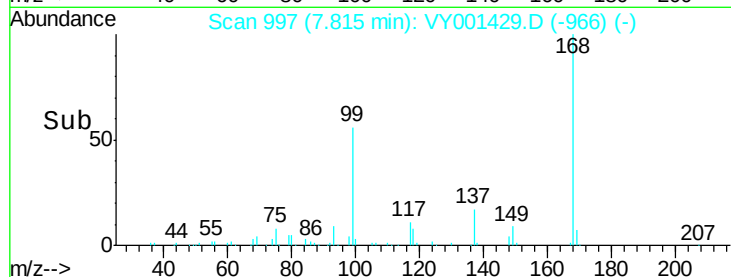
121 0.0 23.5 35.3#



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: 51.10 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001429.D

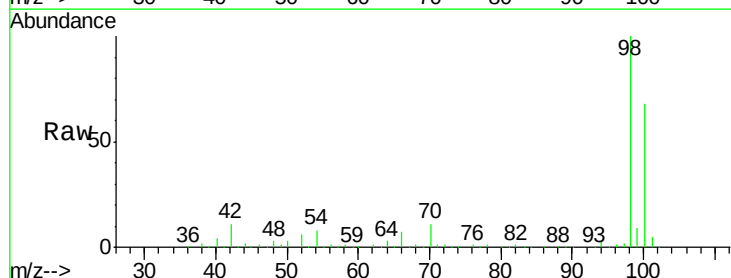
Acq: 30 Jan 2020 14:53

Tgt Ion: 98 Resp: 218380

Ion Ratio Lower Upper

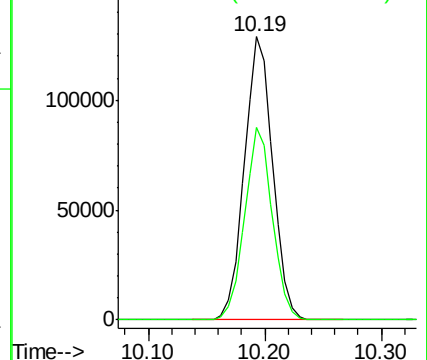
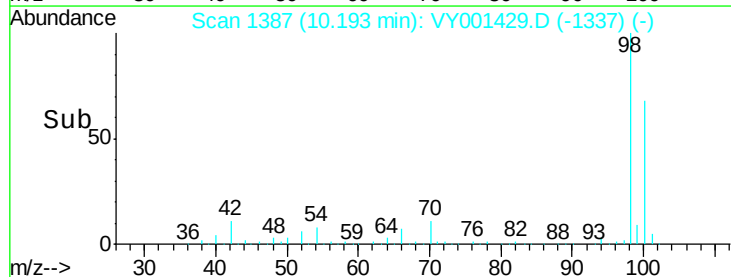
98 100

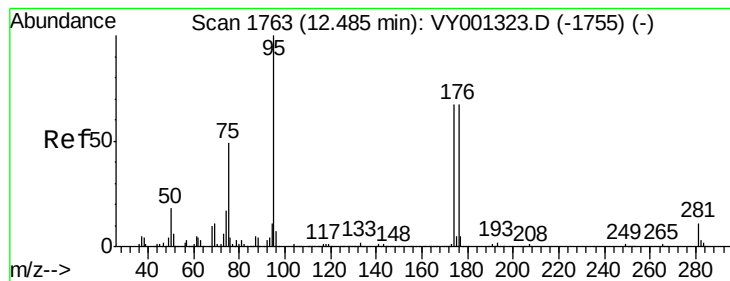
100 66.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 40.71 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001429.D

Acq: 30 Jan 2020 14:53

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RAINEY-PARK-BH-06-B

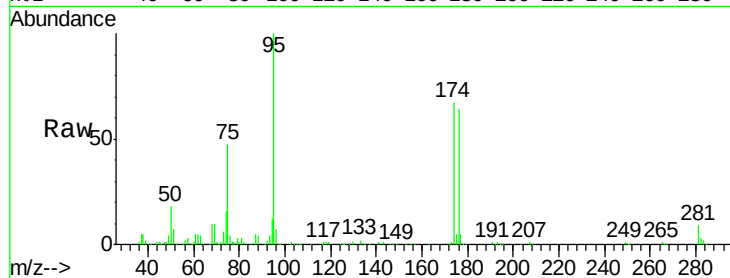
Tgt Ion: 95 Resp: 69283

Ion Ratio Lower Upper

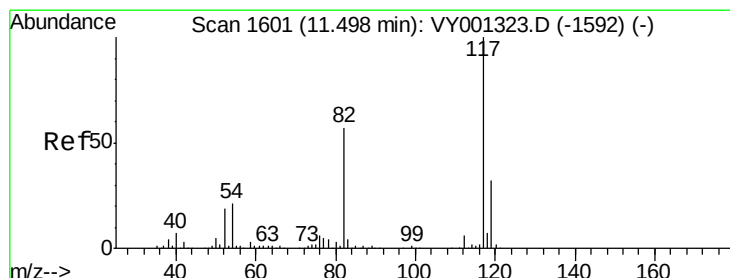
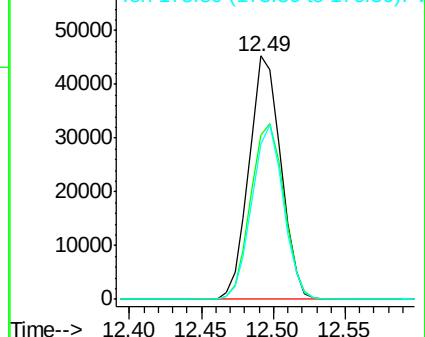
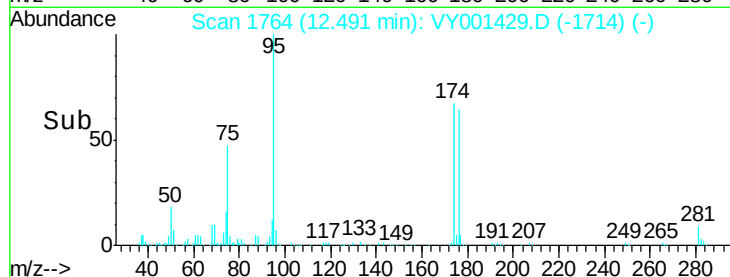
95 100

174 75.3 0.0 142.0

176 70.9 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001429.D (-1714) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY001429.D

Acq: 30 Jan 2020 14:53

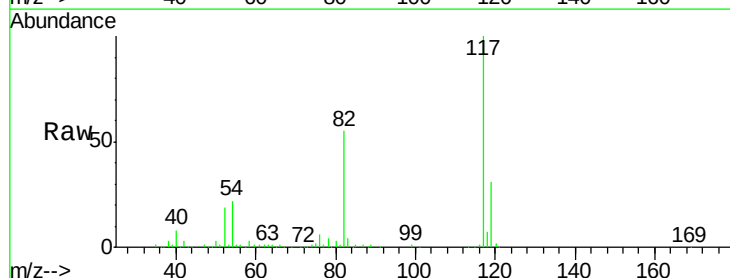
Tgt Ion: 117 Resp: 158227

Ion Ratio Lower Upper

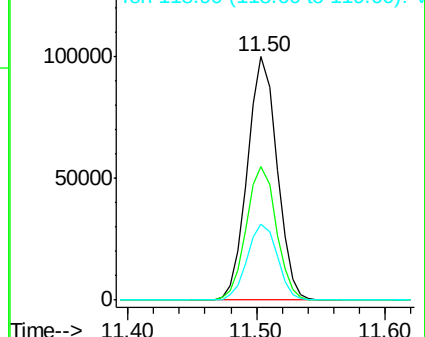
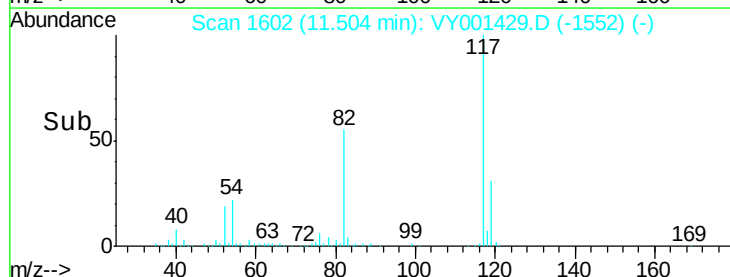
117 100

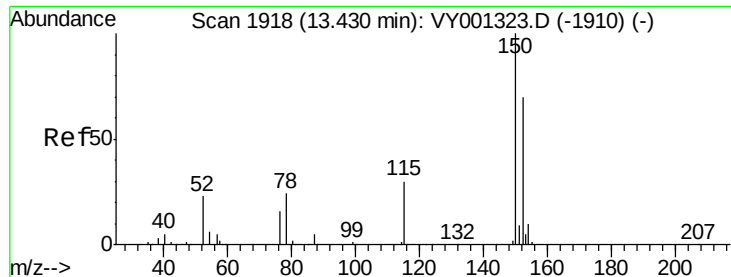
82 54.8 45.5 68.3

119 31.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VY001429.D (-1552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001429.D

Acq: 30 Jan 2020 14:53

Instrument :

MSVOA_Y

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RAINEY-PARK-BH-06-B

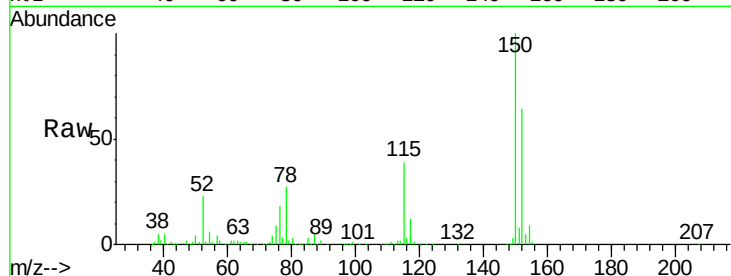
Tgt Ion:152 Resp: 61270

Ion Ratio Lower Upper

152 100

115 60.6 30.9 92.8

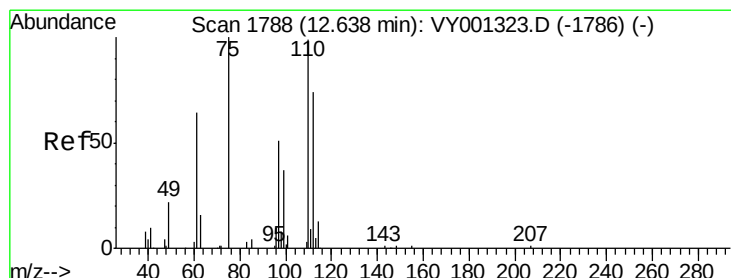
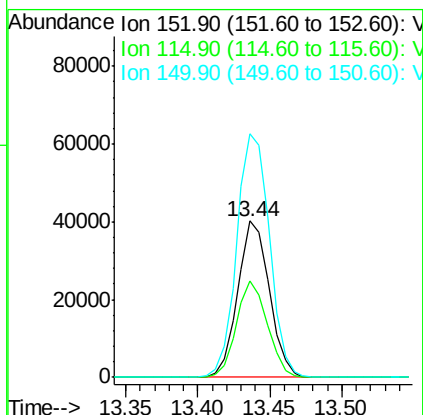
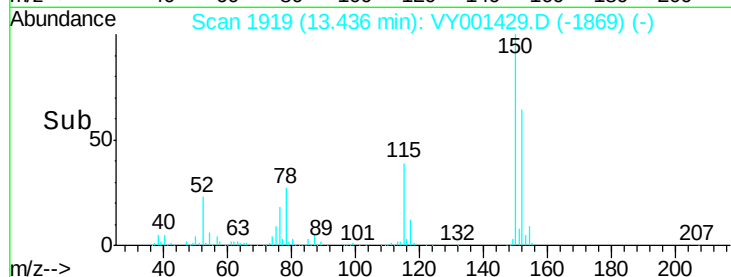
150 161.2 0.0 349.2



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: 47.34 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.14 min

Lab File: VY001429.D

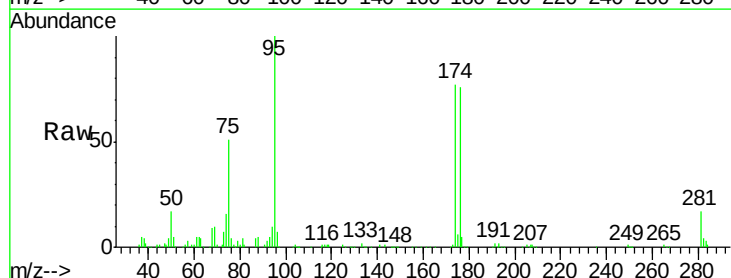
Acq: 30 Jan 2020 14:53

Tgt Ion: 75 Resp: 34949

Ion Ratio Lower Upper

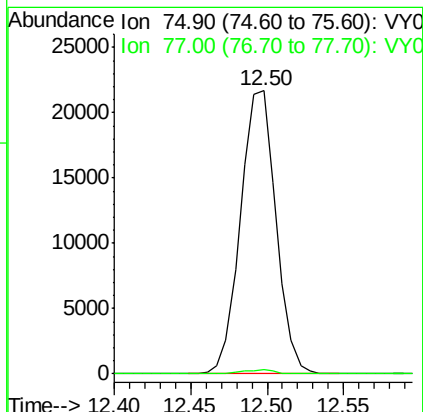
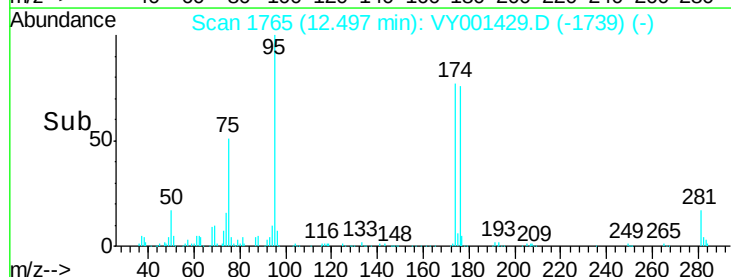
75 100

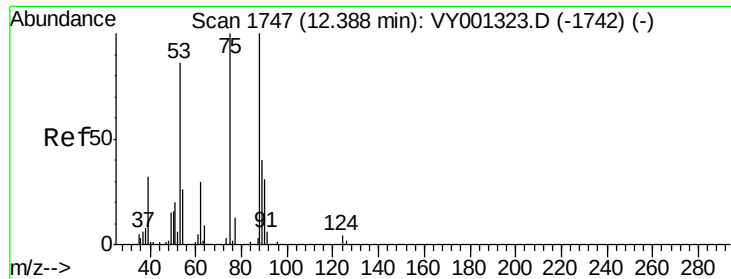
77 1.3 0.0 0.0#



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: 89.58 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY001429.D

Acq: 30 Jan 2020 14:53

Instrument :

MSVOA_Y

ClientSampleId :

RAINEY-PARK-BH-06-B

Tgt Ion: 75 Resp: 34949

Ion Ratio Lower Upper

75 100

53 0.1 69.9 104.9#

89 0.0 36.6 54.8#

