

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001810.D
 Acq On : 02 Mar 2020 11:06
 Operator : SY/MD
 Sample : VY0302SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01

Quant Time: Mar 02 13:43:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	117971	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	93239	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
35) Dibromofluoromethane	7.74	113	88380	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	10.19	98	366371	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
62) 4-Bromofluorobenzene	12.49	95	122434	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

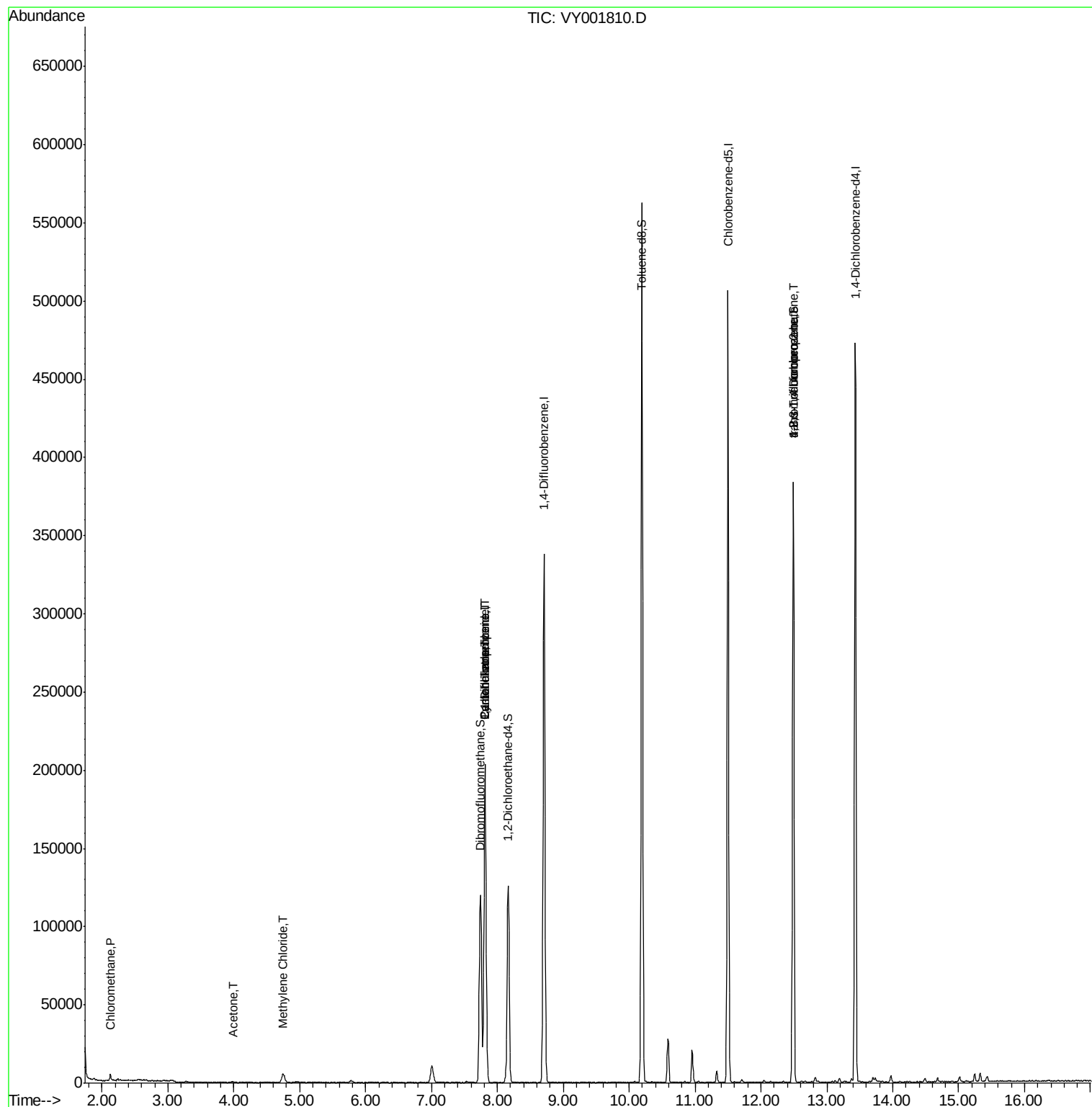
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.13	50	3250	1.59	ug/l	90
11) Tert butyl alcohol	4.97	59	881	Below Cal	#	74
16) Acetone	3.99	43	1347	2.33	ug/l	89
20) Methylene Chloride	4.74	84	4399	2.14	ug/l	# 90
31) Cyclohexane	7.81	56	3567	1.02	ug/l	# 1
36) 1,1-Dichloropropene	7.81	75	13394	4.68	ug/l	# 49
38) Carbon Tetrachloride	7.82	117	16065	6.39	ug/l	# 18
76) 1,2,3-Trichloropropane	12.49	75	61196	45.22	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	61196	85.79	ug/l	# 17

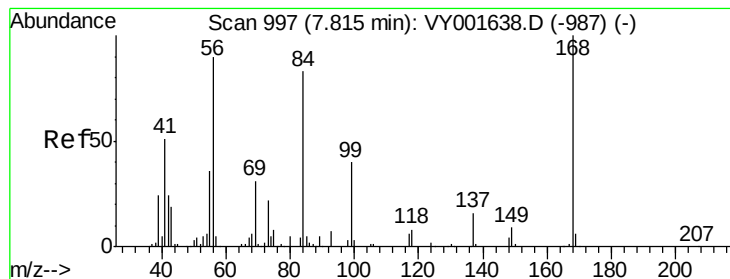
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001810.D

Acq: 02 Mar 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

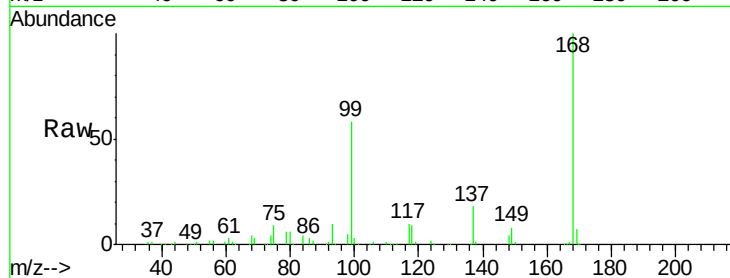
VY0302SBL01

Tgt Ion:168 Resp: 155495

Ion Ratio Lower Upper

168 100

99 58.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001810.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001810.D (-948) (-)

7.82

60000

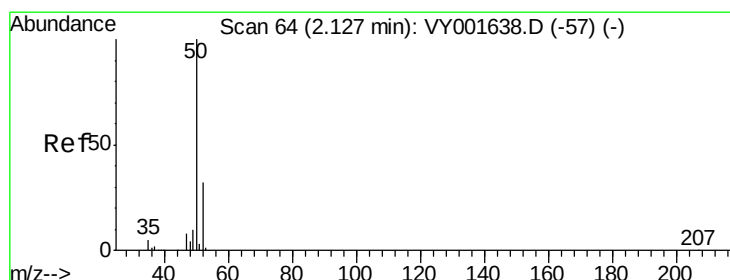
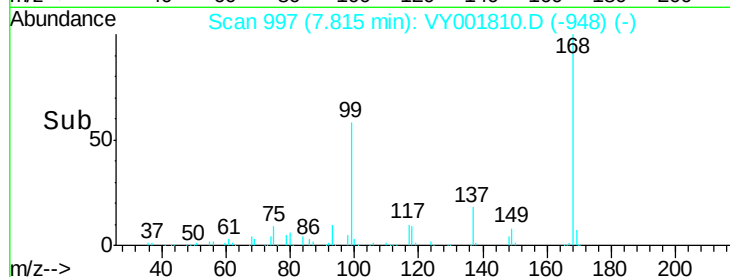
40000

20000

0

Time-->

7.70 7.80 7.90



#3

Chloromethane

Concen: 1.59 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001810.D

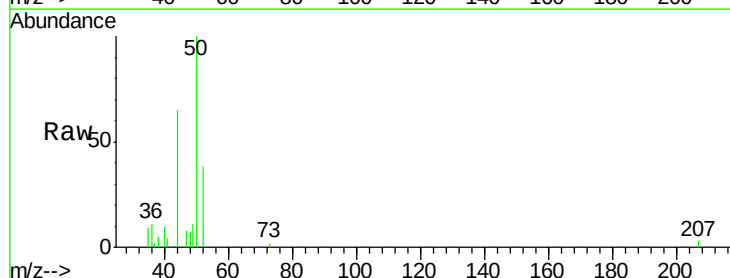
Acq: 02 Mar 2020 11:06

Tgt Ion: 50 Resp: 3250

Ion Ratio Lower Upper

50 100

52 37.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001810.D (-15) (-)

Ion 51.90 (51.60 to 52.60): VY001810.D (-15) (-)

2.13

2500

2000

1500

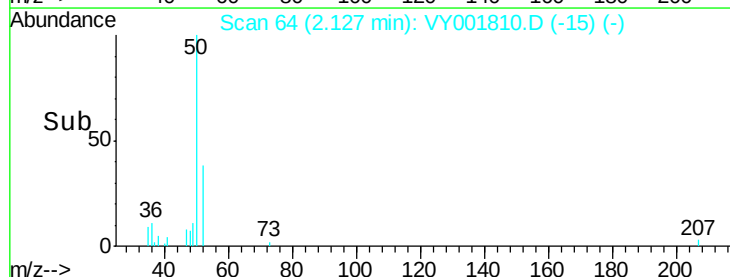
1000

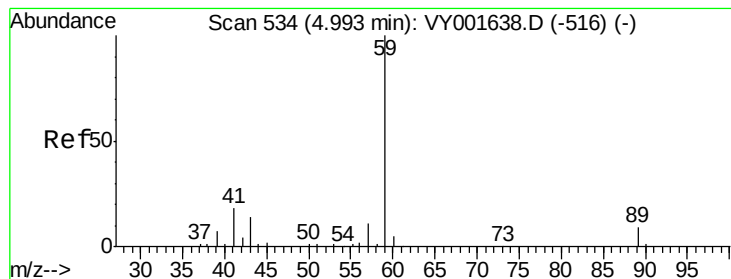
500

0

Time-->

2.10 2.15



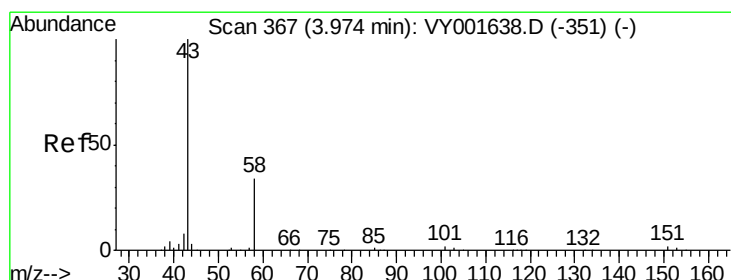
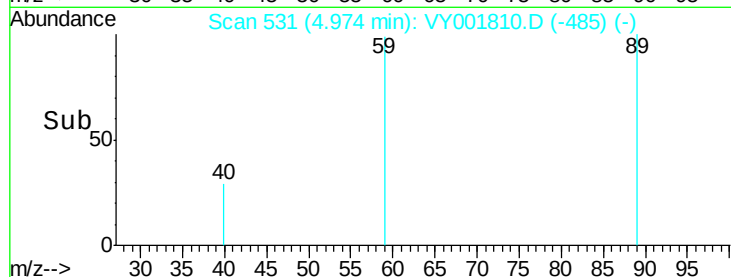
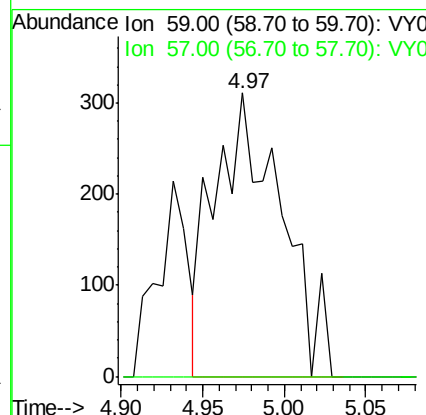
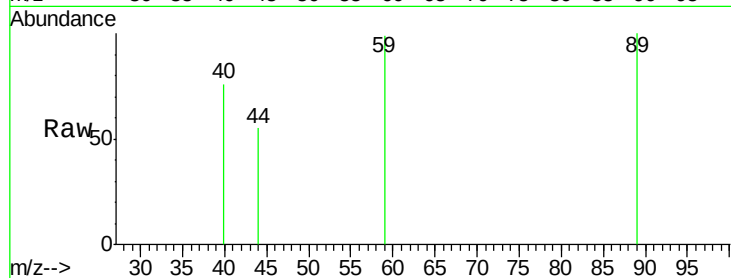


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VY001810.D
 Acq: 02 Mar 2020 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01

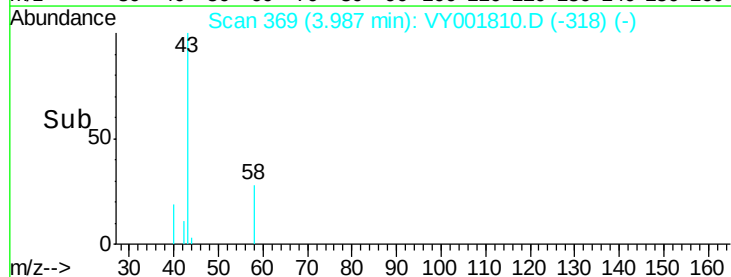
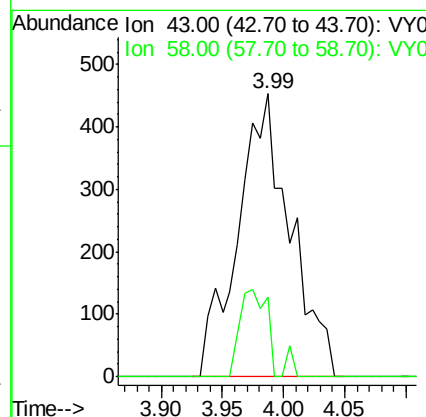
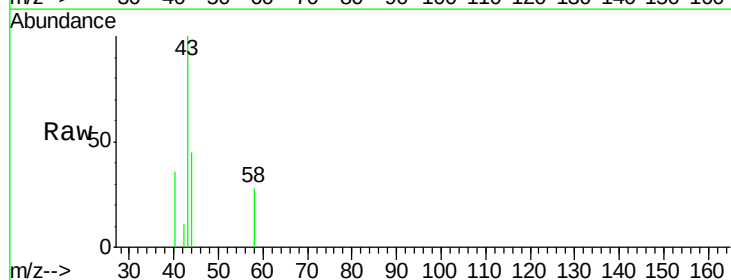
Tgt Ion: 59 Resp: 881
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

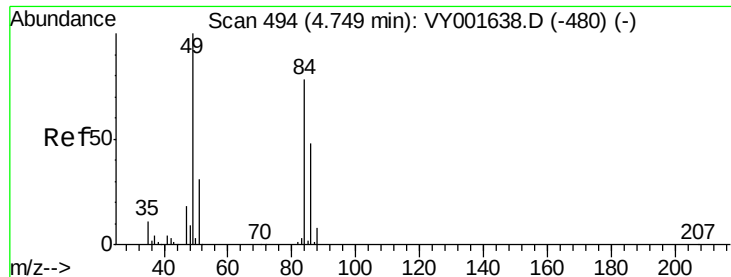


#16

Acetone
 Concen: 2.33 ug/l
 RT: 3.99 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VY001810.D
 Acq: 02 Mar 2020 11:06

Tgt Ion: 43 Resp: 1347
 Ion Ratio Lower Upper
 43 100
 58 28.0 27.3 40.9

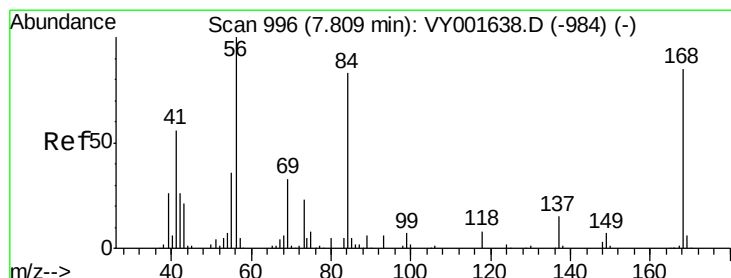
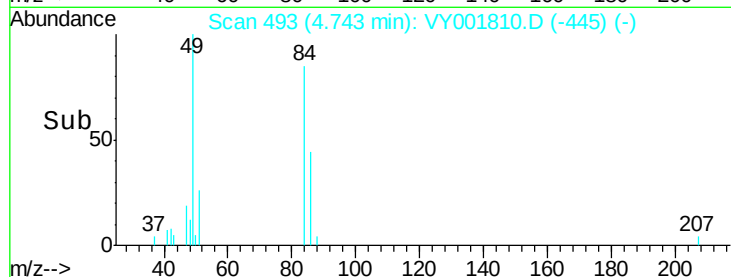
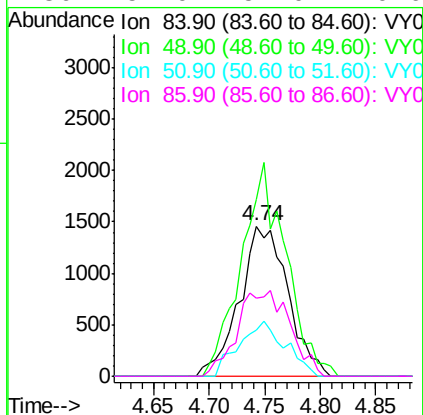
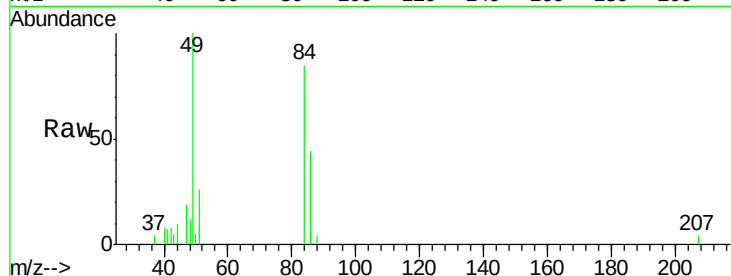




#20
Methylene Chloride
Concen: 2.14 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001810.D
Acq: 02 Mar 2020 11:06

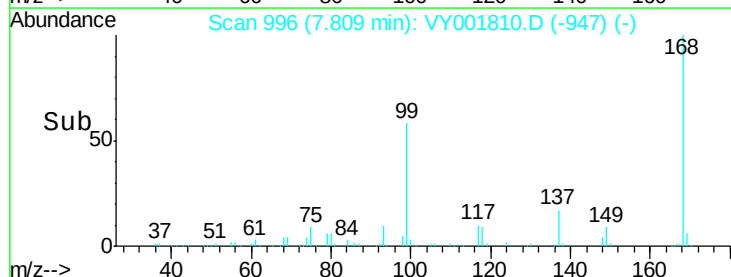
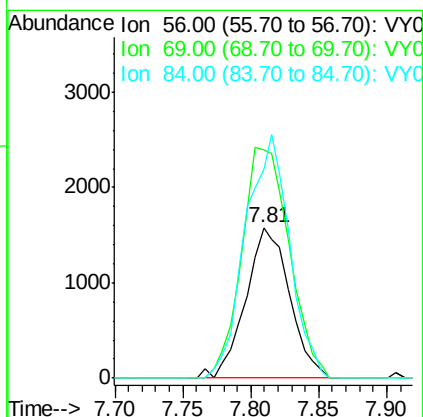
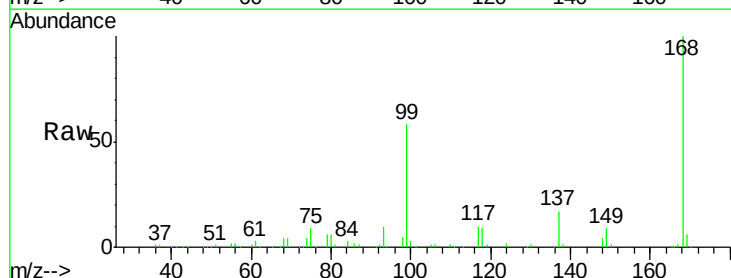
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

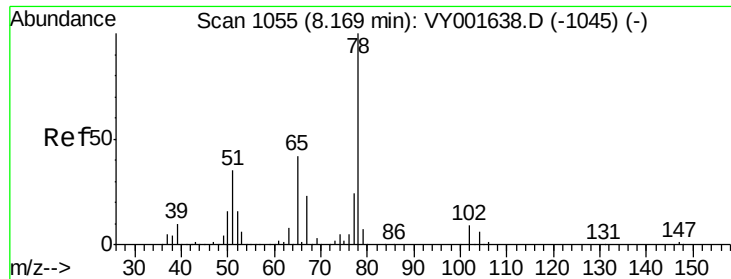
Tgt Ion: 84 Resp: 4399
Ion Ratio Lower Upper
84 100
49 117.8 99.2 148.8
51 30.9 31.5 47.3#
86 52.0 51.0 76.6



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001810.D
Acq: 02 Mar 2020 11:06

Tgt Ion: 56 Resp: 3567
Ion Ratio Lower Upper
56 100
69 151.7 25.1 37.7#
84 139.1 66.9 100.3#

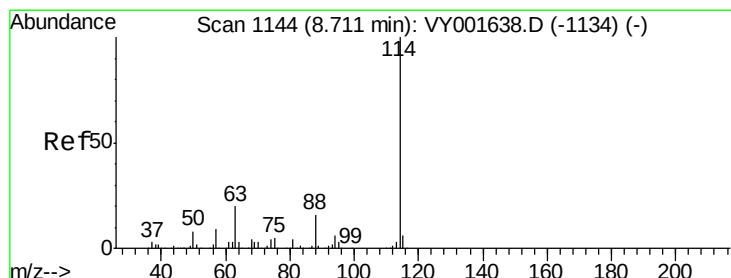
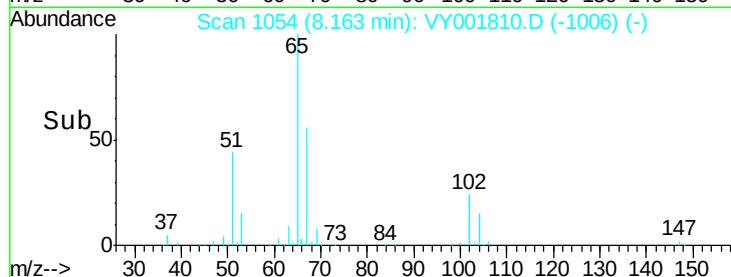
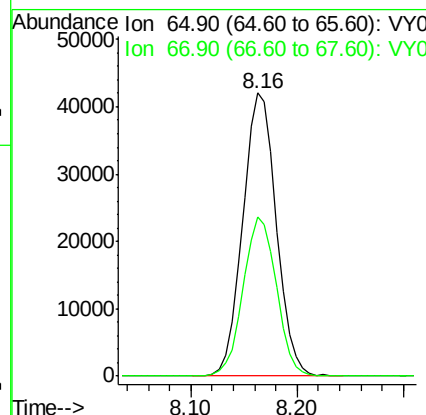
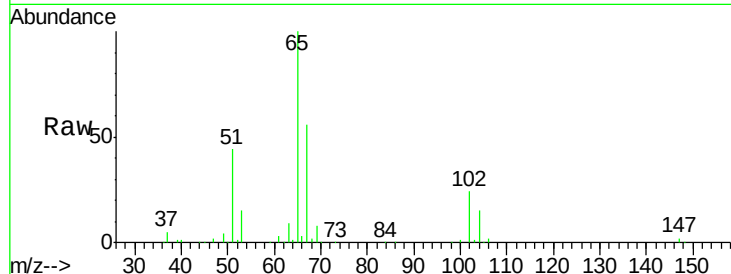




#33
 1,2-Dichloroethane-d4
 Concen: 55.75 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001810.D
 Acq: 02 Mar 2020 11:06

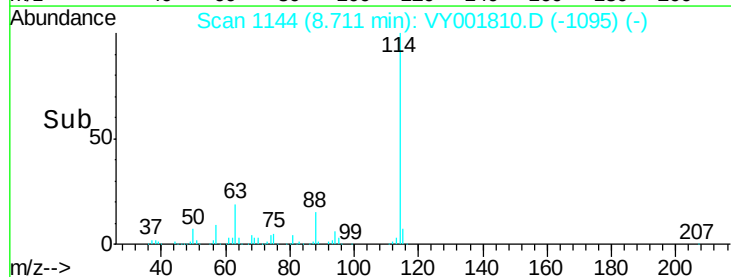
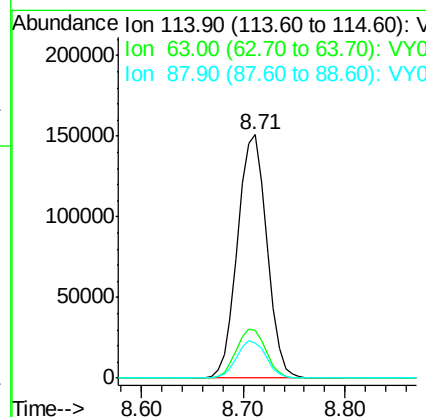
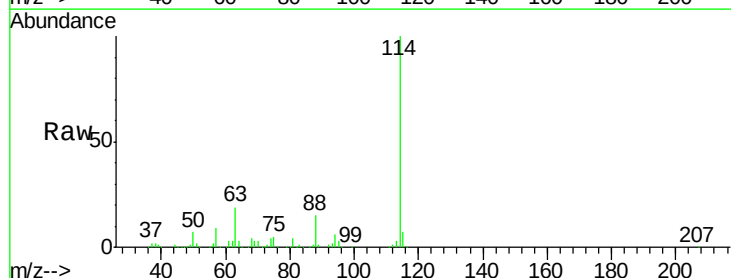
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01

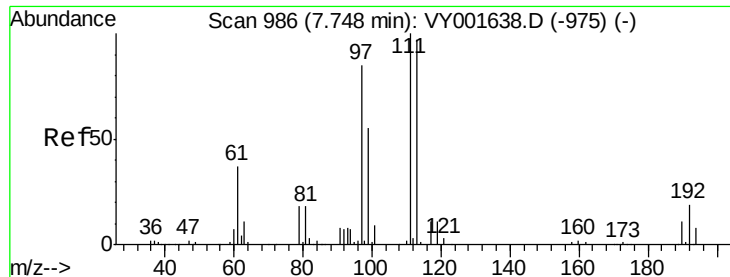
Tgt Ion: 65 Resp: 93239
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001810.D
 Acq: 02 Mar 2020 11:06

Tgt Ion: 114 Resp: 299543
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 14.5 0.0 32.8

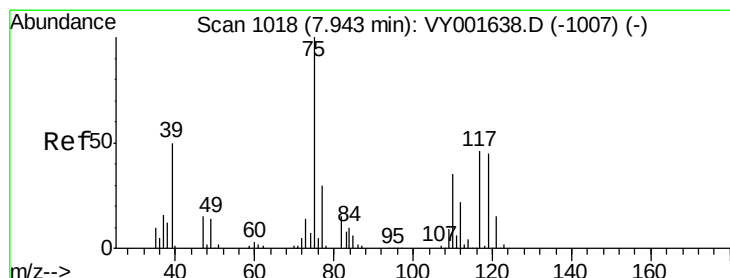
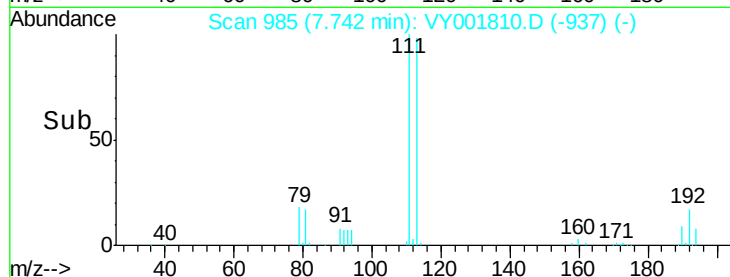
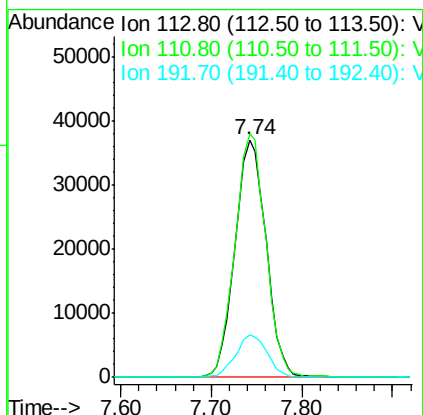
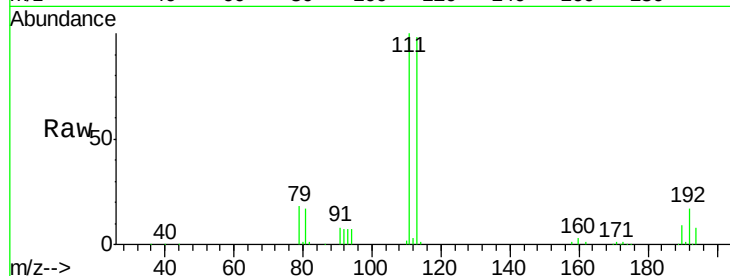




#35
 Dibromofluoromethane
 Concen: 51.51 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001810.D
 Acq: 02 Mar 2020 11:06

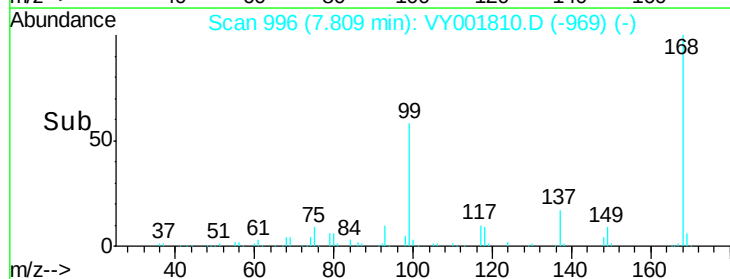
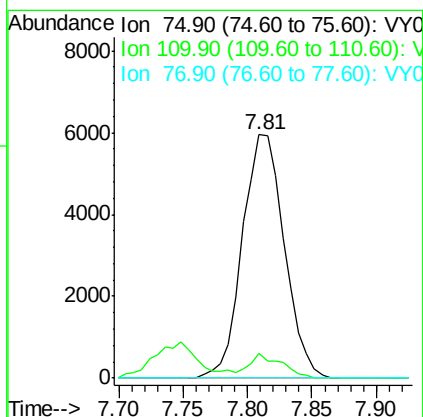
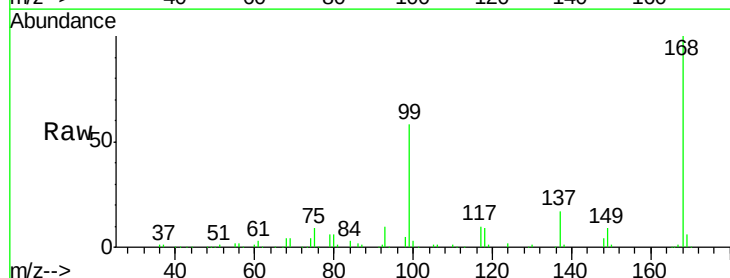
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01

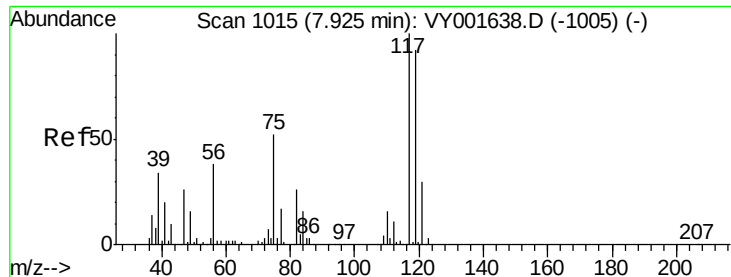
Tgt Ion: 113 Resp: 88380
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 18.1 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.68 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001810.D
 Acq: 02 Mar 2020 11:06

Tgt Ion: 75 Resp: 13394
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.2 51.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.39 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY001810.D

Acq: 02 Mar 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBL01

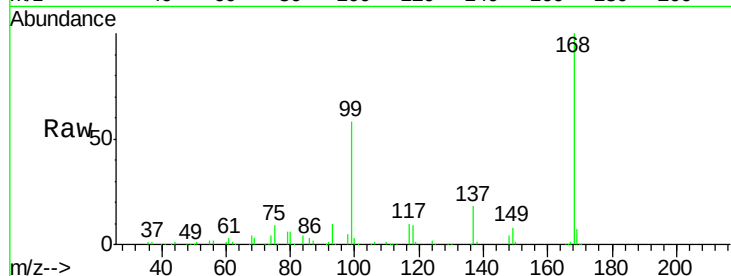
Tgt Ion:117 Resp: 16065

Ion Ratio Lower Upper

117 100

119 5.8 74.8 112.2#

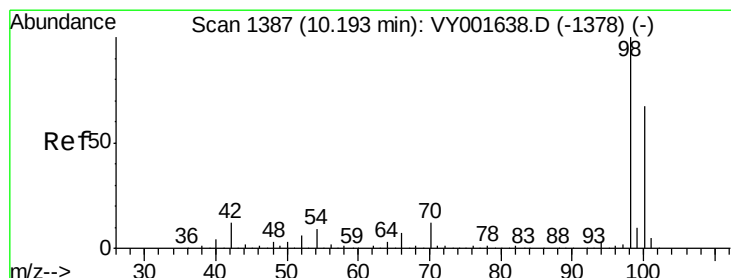
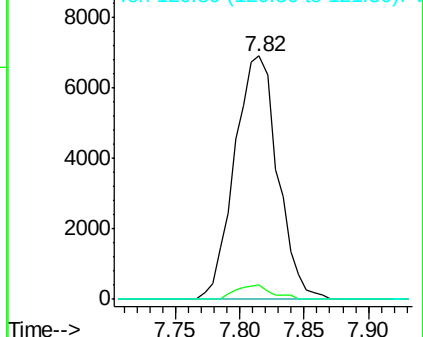
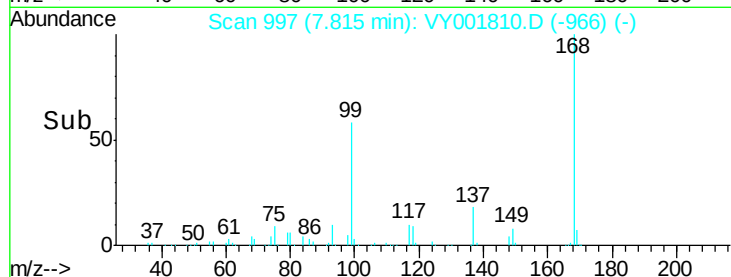
121 0.0 23.8 35.6#



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: 54.51 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001810.D

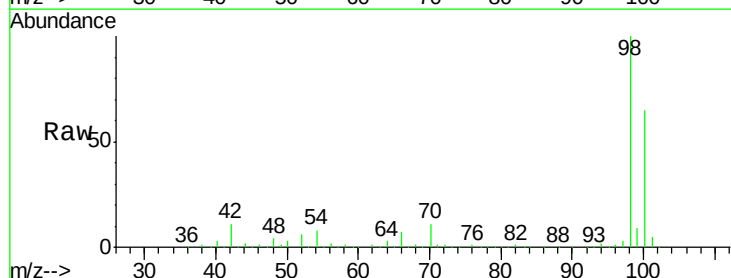
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Tgt Ion: 98 Resp: 366371

Ion Ratio Lower Upper

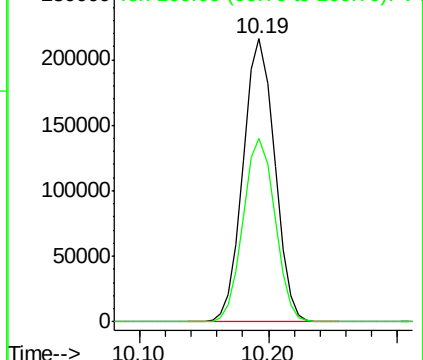
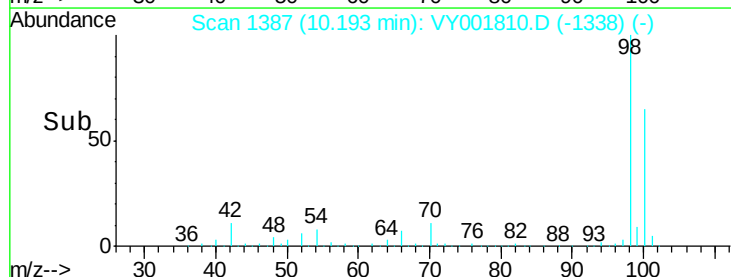
98 100

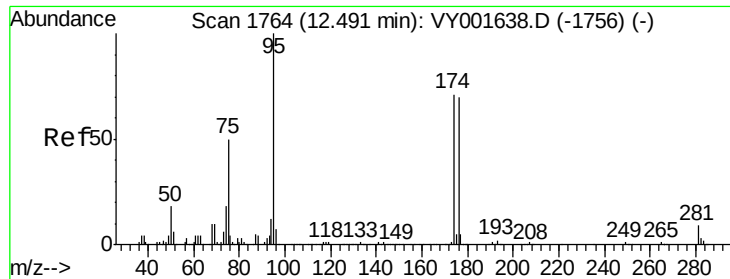
100 65.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

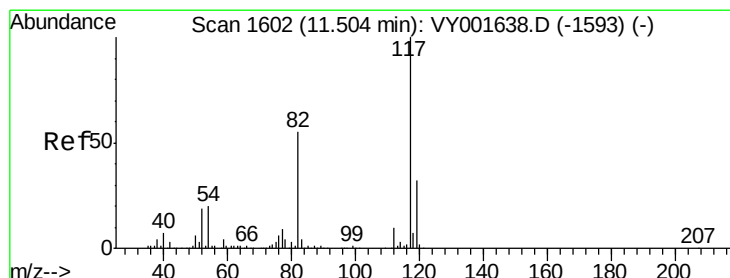
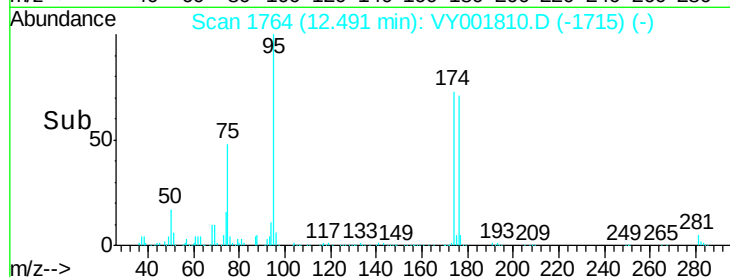
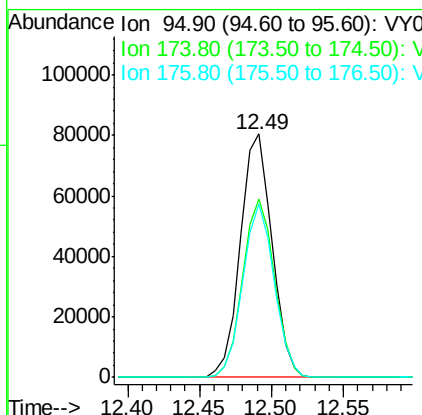
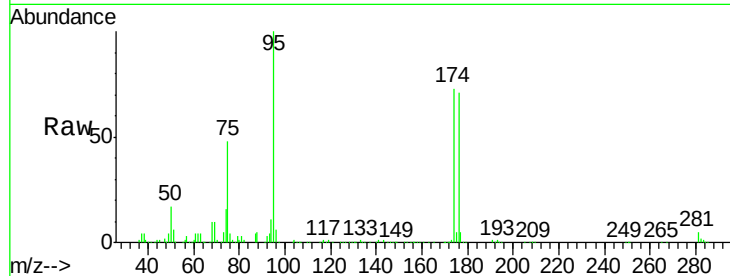




#62
4-Bromofluorobenzene
Concen: 46.89 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001810.D
Acq: 02 Mar 2020 11:06

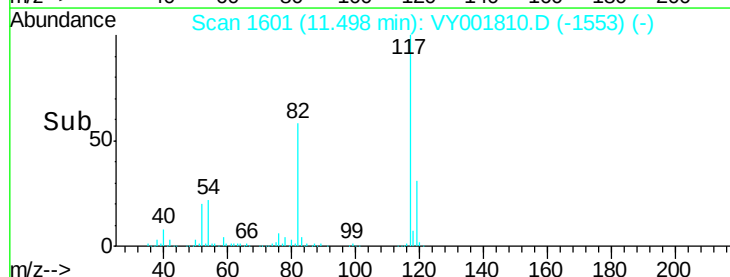
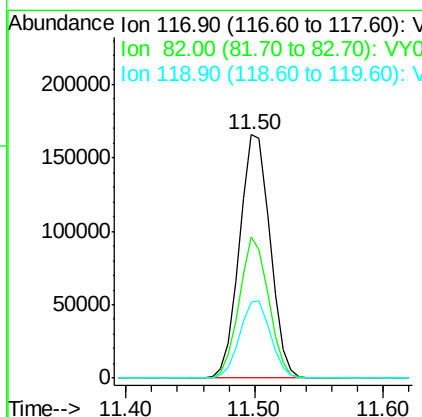
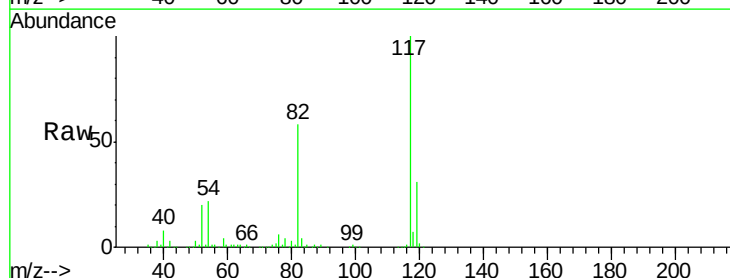
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

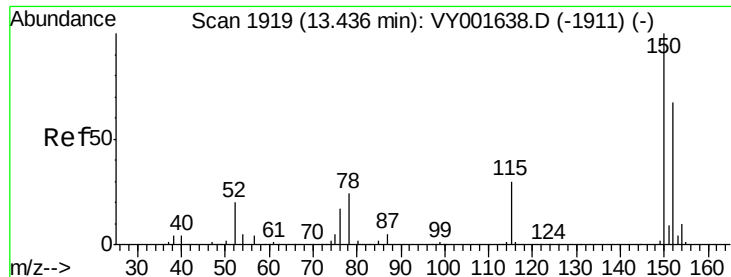
Tgt Ion: 95 Resp: 122434
Ion Ratio Lower Upper
95 100
174 73.7 0.0 138.4
176 70.6 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001810.D
Acq: 02 Mar 2020 11:06

Tgt Ion: 117 Resp: 272368
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 31.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001810.D

Acq: 02 Mar 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBL01

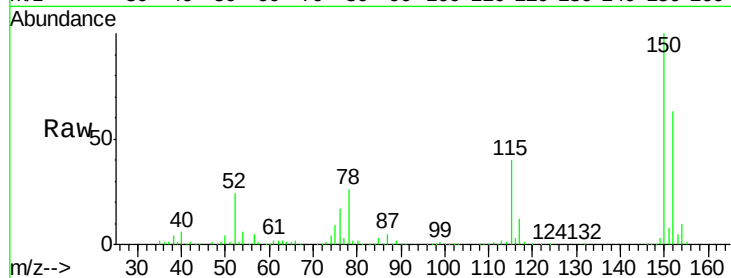
Tgt Ion:152 Resp: 117971

Ion Ratio Lower Upper

152 100

115 61.5 31.4 94.2

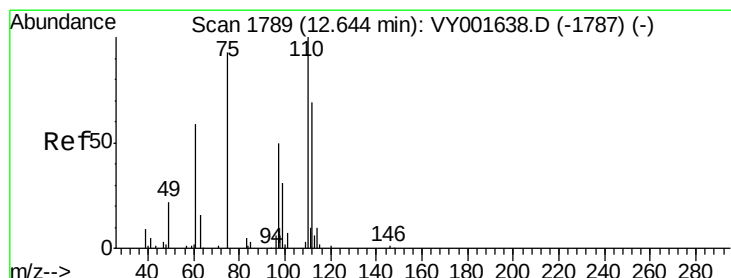
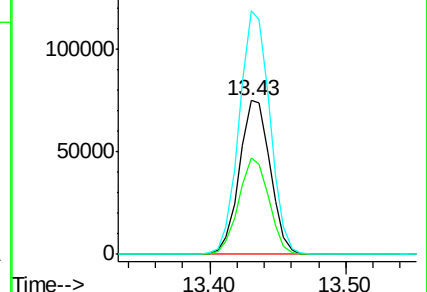
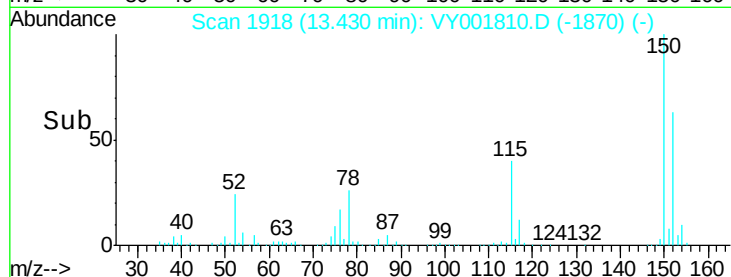
150 157.1 0.0 407.2



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: 45.22 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001810.D

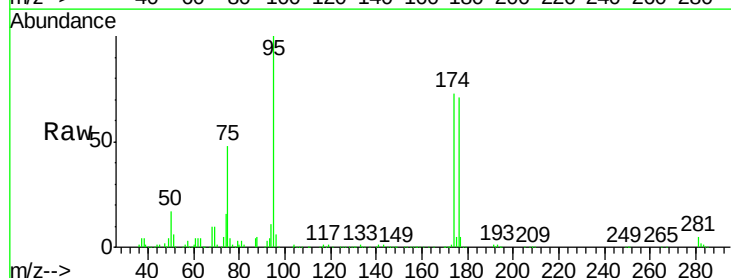
Acq: 02 Mar 2020 11:06

Tgt Ion: 75 Resp: 61196

Ion Ratio Lower Upper

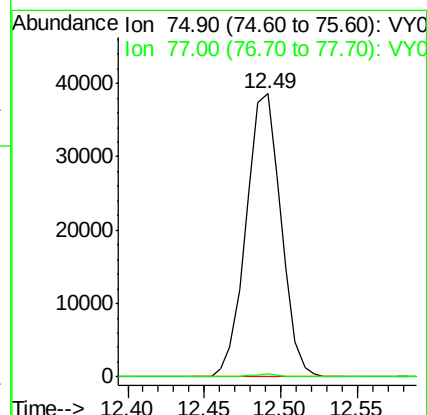
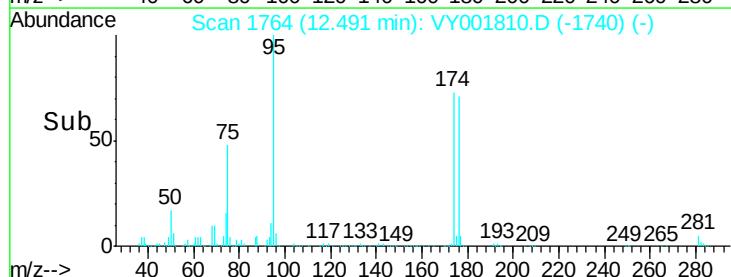
75 100

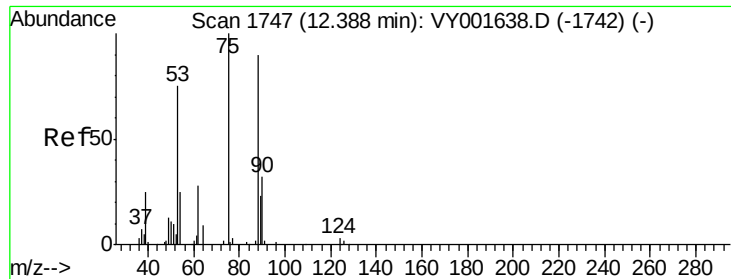
77 1.0 0.0 0.0#



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: 85.79 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001810.D

Acq: 02 Mar 2020 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBL01

Tgt Ion: 75 Resp: 61196

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

