

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000548.D
 Acq On : 06 Nov 2019 14:03
 Operator : SY/MD
 Sample : K5702-02
 Misc : 4.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-1A

Quant Time: Nov 07 04:56:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	202186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	360484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	328179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152376	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	119359	57.05	ug/l	0.00
Spiked Amount			Recovery	=	114.10%	
35) Dibromofluoromethane	7.73	113	106531	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.18	98	413522	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.48	95	146362	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	

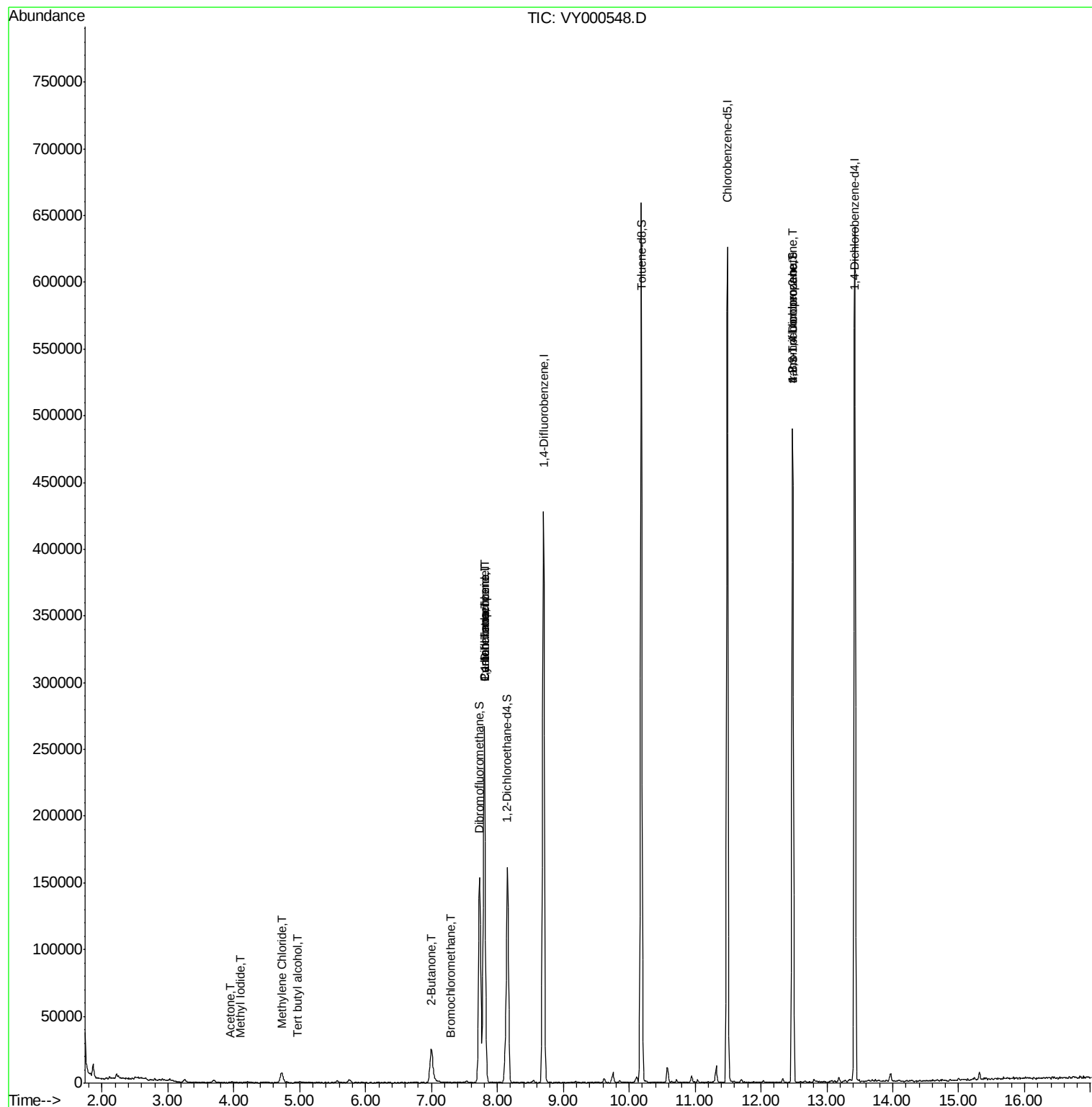
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.09	142	26	3.208	ug/l #	41
11) Tert butyl alcohol	4.97	59	433	2.126	ug/l #	72
16) Acetone	3.95	43	612	1.061	ug/l #	42
20) Methylene Chloride	4.72	84	4805	1.945	ug/l #	87
25) 2-Butanone	7.01	43	1665	1.809	ug/l #	81
28) Bromochloromethane	7.30	49	26	4.106	ug/l #	14
31) Cyclohexane	7.80	56	4871	1.203	ug/l #	12
36) 1,1-Dichloropropene	7.80	75	15363	4.508	ug/l #	50
38) Carbon Tetrachloride	7.80	117	19940	6.081	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	74872	43.154	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	74872	96.756	ug/l #	13

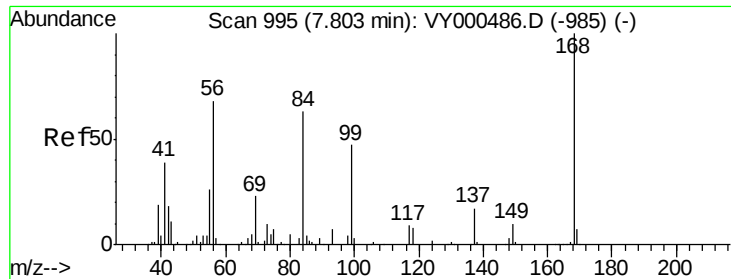
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
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Acq On : 06 Nov 2019 14:03
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ClientSampleId :
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Quant Time: Nov 07 04:56:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 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: VY000548.D

Acq: 06 Nov 2019 14:03

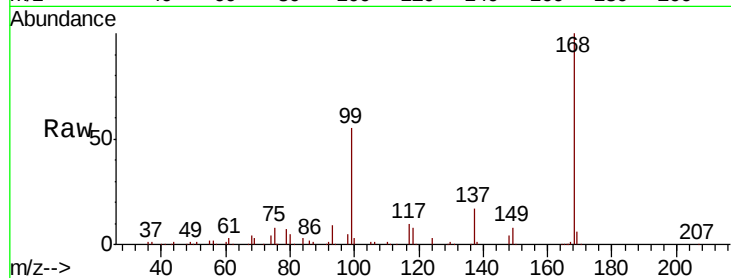
Instrument :
MSVOA_Y
ClientSampled :
H-1A

Tot Ion:168 Resp: 202186

Ion Ratio Lower Upper

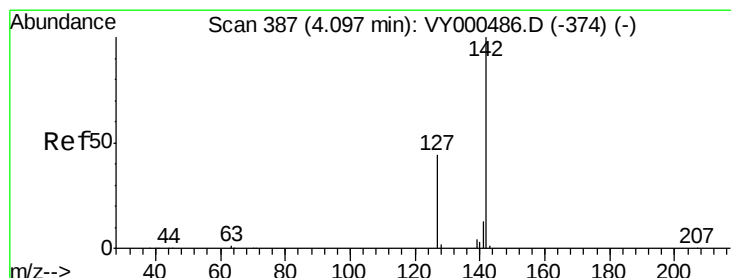
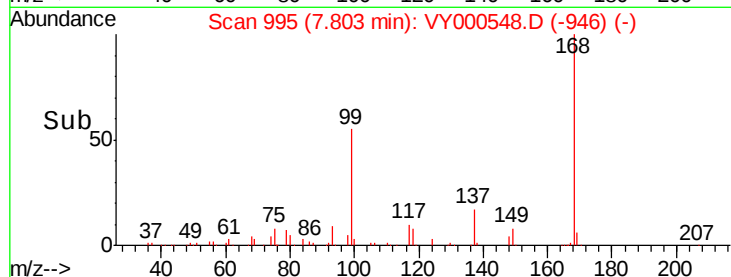
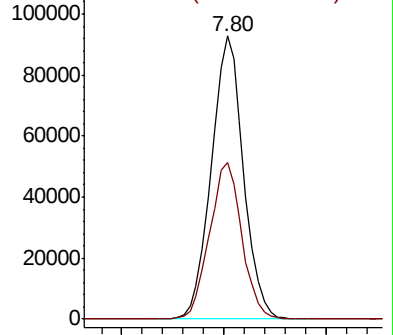
168 100

99 55.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.208 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

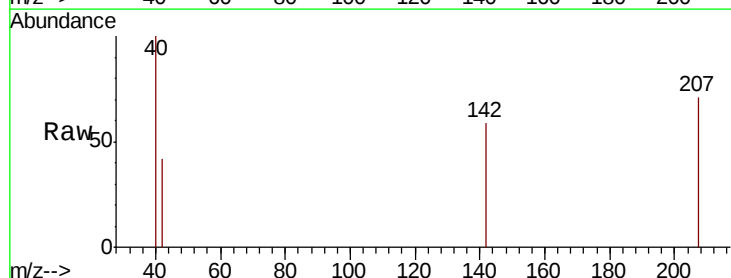
Tgt Ion:142 Resp: 26

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

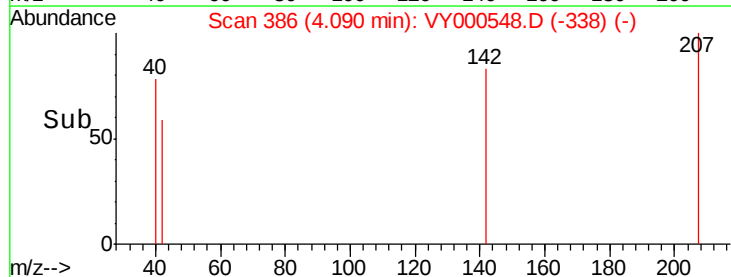
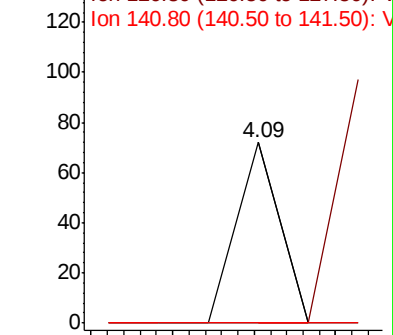
141 0.0 10.9 16.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



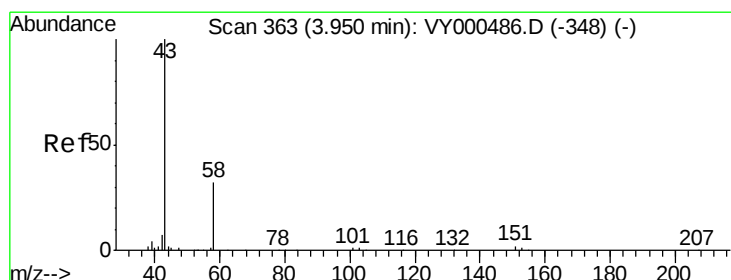
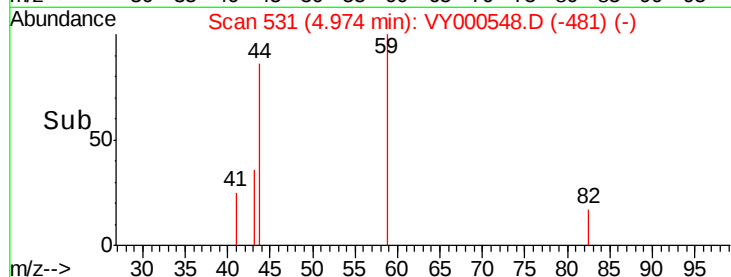
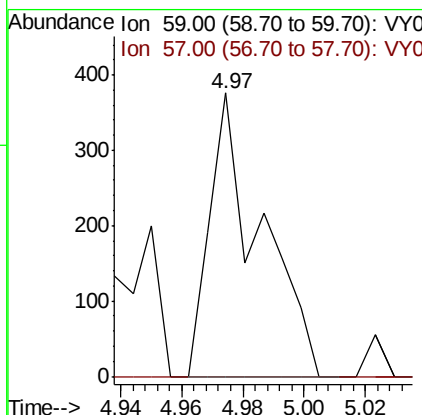
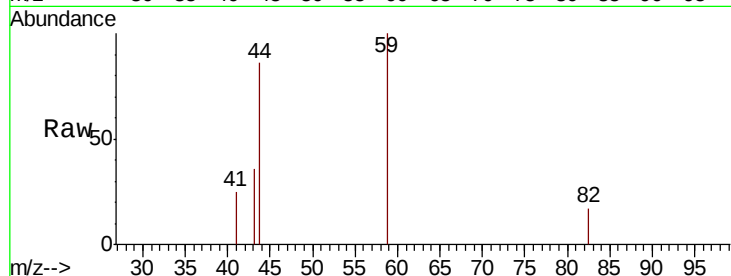


#11

Tert butyl alcohol
 Concen: 2.126 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000548.D
 Acq: 06 Nov 2019 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-1A

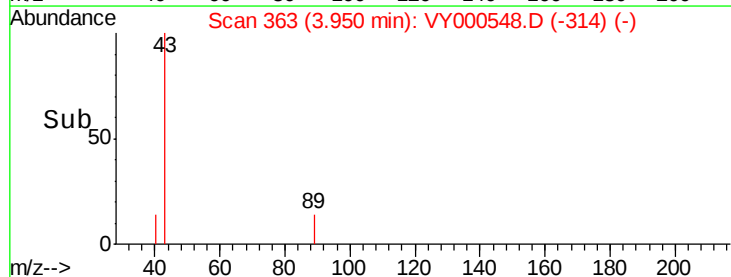
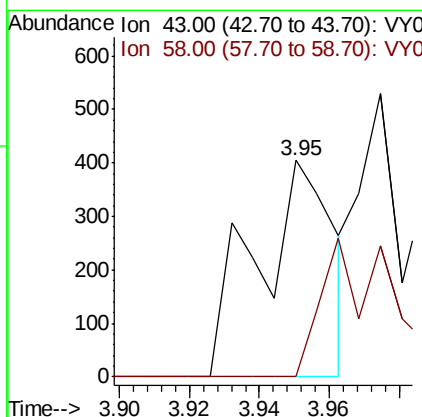
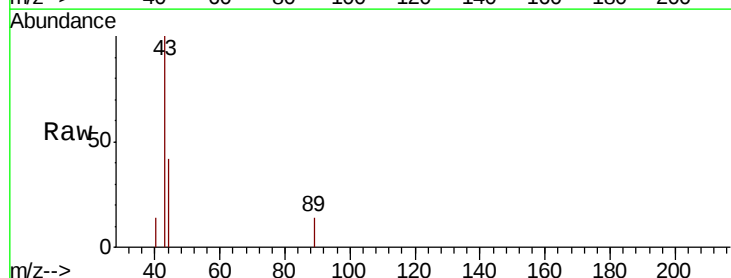
Tot Ion: 59 Resp: 433
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

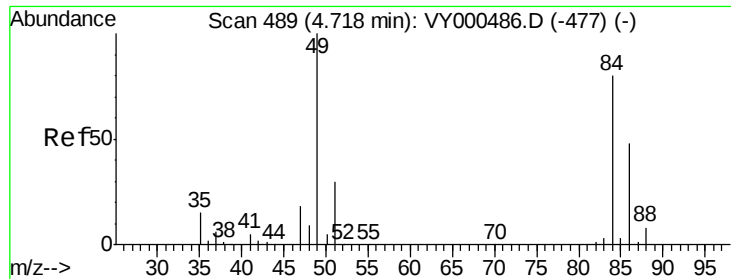


#16

Acetone
 Concen: 1.061 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY000548.D
 Acq: 06 Nov 2019 14:03

Tgt Ion: 43 Resp: 612
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.8 38.6#

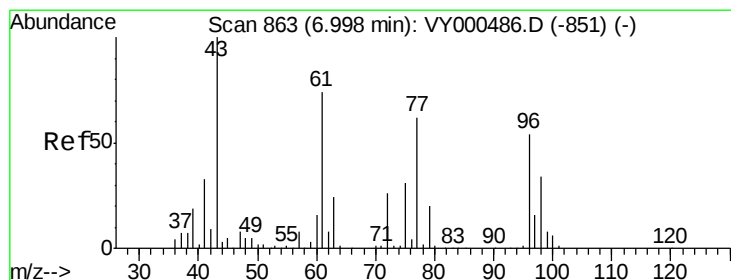
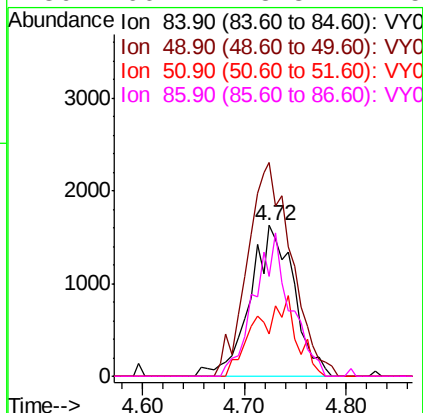
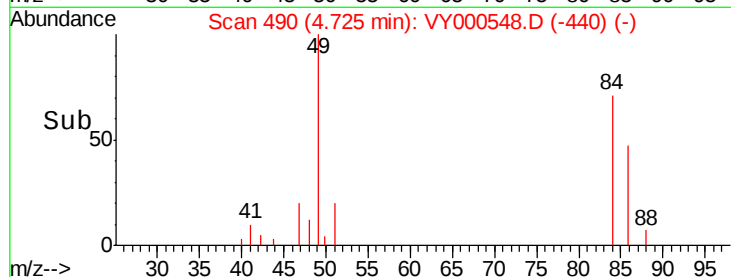
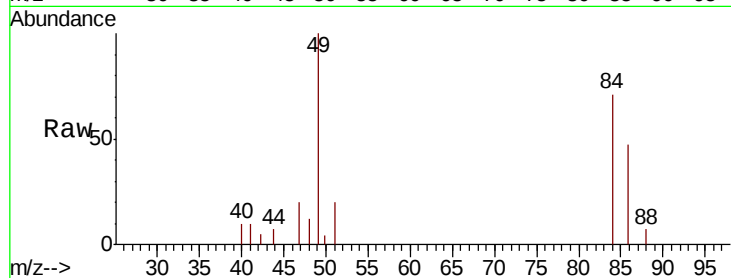




#20
Methvlene Chloride
Concen: 1.945 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

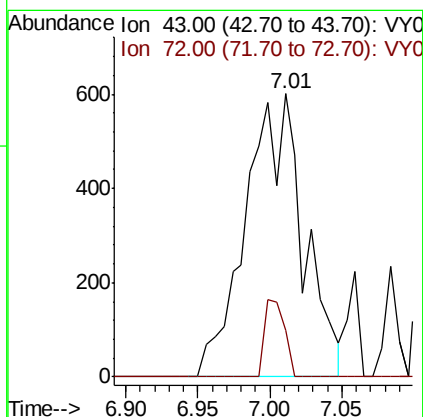
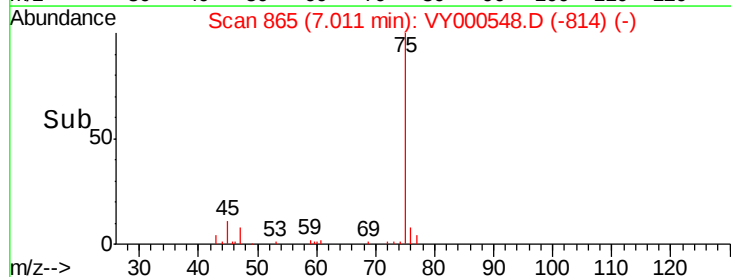
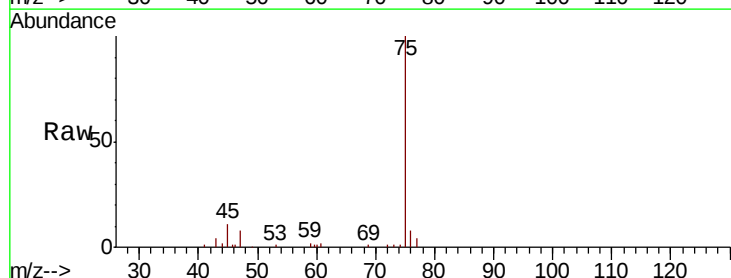
Instrument :
MSVOA_Y
ClientSampled :
H-1A

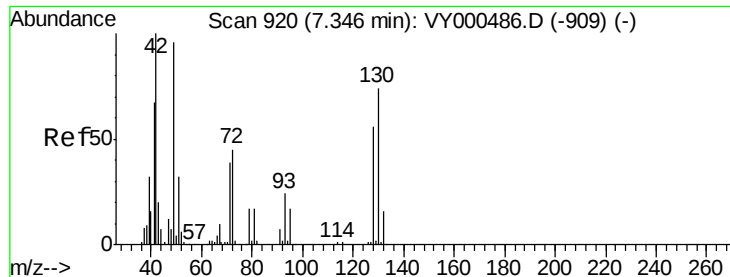
Tot Ion: 84 Resp: 4805
Ion Ratio Lower Upper
84 100
49 141.5 100.2 150.4
51 28.1 29.6 44.4#
86 66.1 48.3 72.5



#25
2-Butanone
Concen: 1.809 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
72 16.6 20.9 31.3#

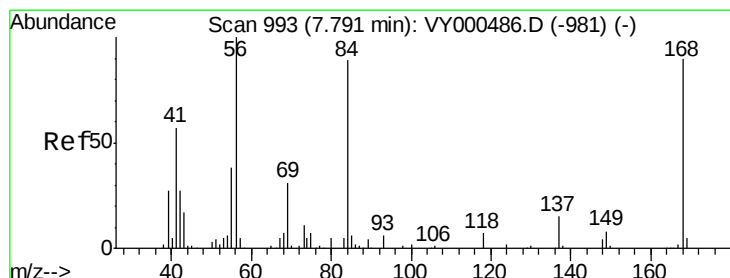
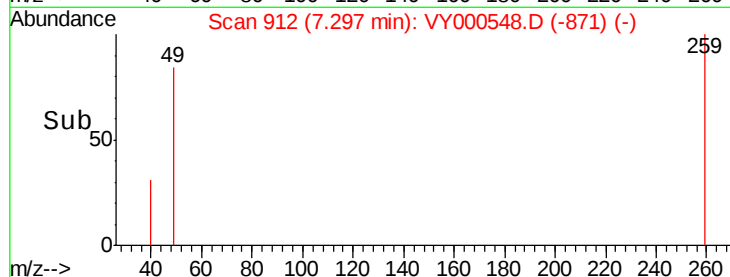
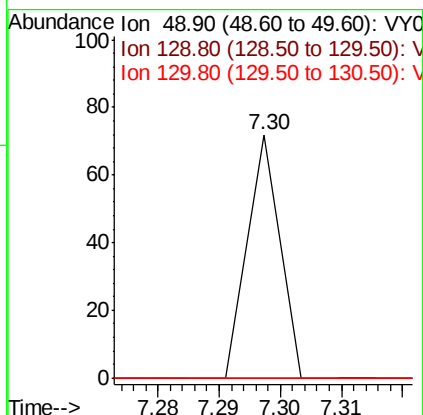
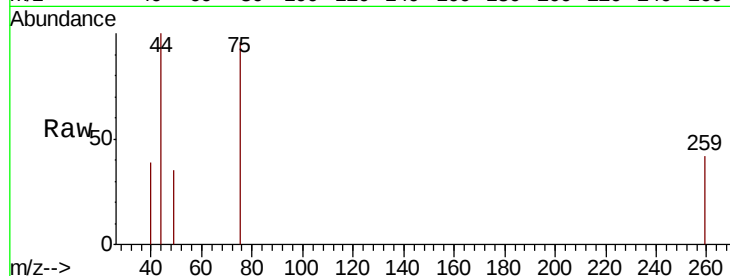




#28
Bromochloromethane
Concen: 4.106 ug/l
RT: 7.30 min Scan# 912
Delta R.T. -0.05 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

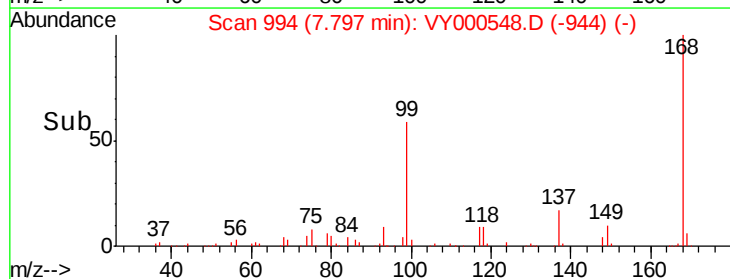
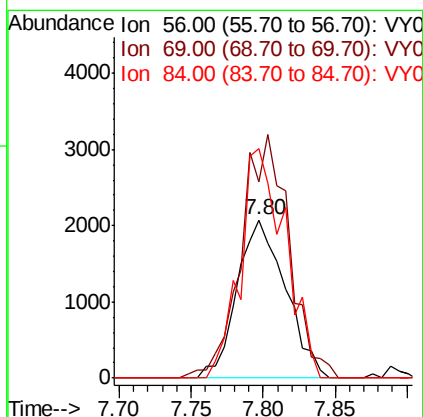
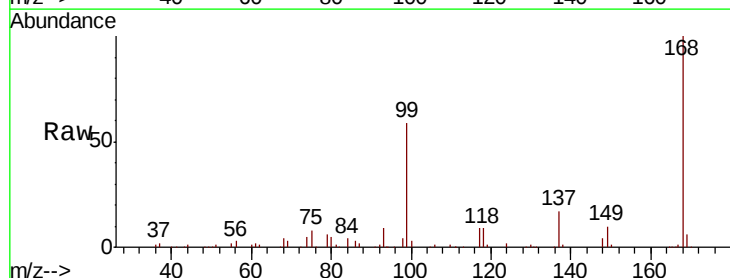
Instrument :
MSVOA_Y
ClientSampleId :
H-1A

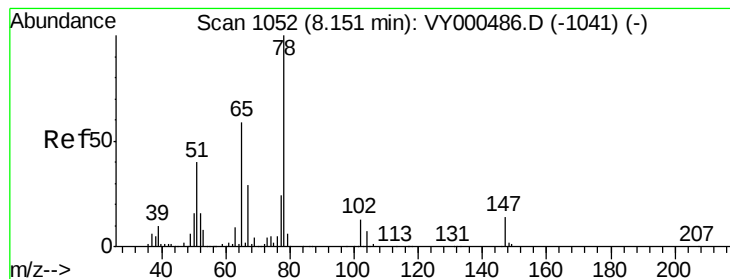
Tot Ion: 49 Resp: 26
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

Tgt Ion: 56 Resp: 4871
Ion Ratio Lower Upper
56 100
69 124.1 25.0 37.6#
84 145.0 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 57.045 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

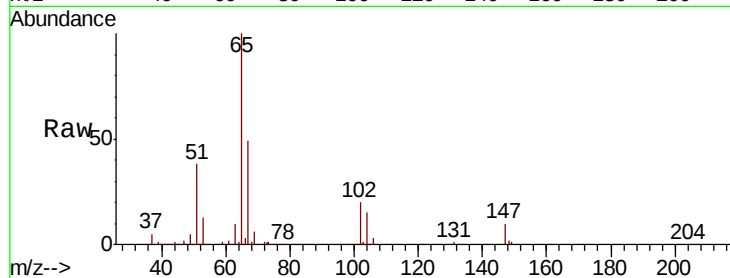
H-1A

Tot Ion: 65 Resp: 119359

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

60000

50000

40000

30000

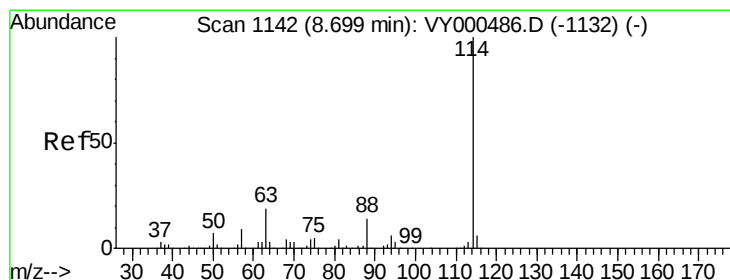
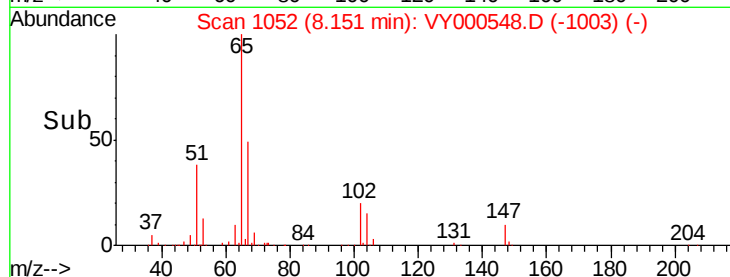
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

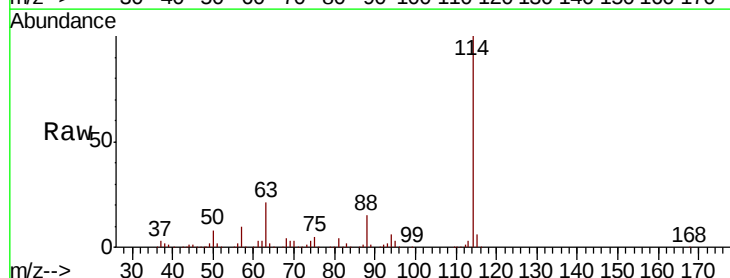
Tgt Ion: 114 Resp: 360484

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

88 14.9 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): VY000486.D (-1132) (-)

Ion 63.00 (62.70 to 63.70): VY000486.D (-1132) (-)

Ion 87.90 (87.60 to 88.60): VY000486.D (-1132) (-)

8.70

250000

200000

150000

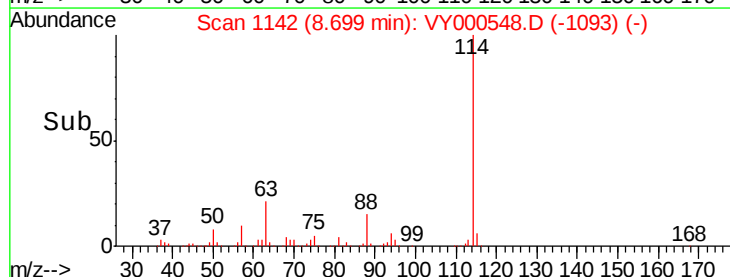
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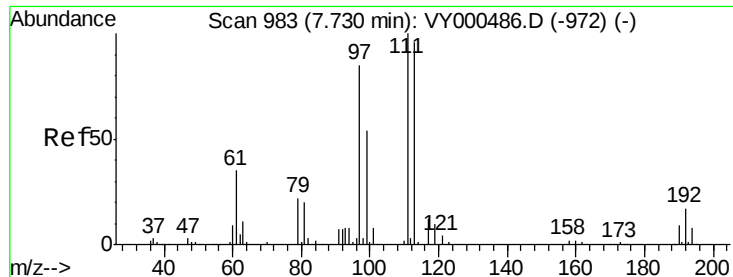
50000

0

8.60 8.70 8.80

Time-->

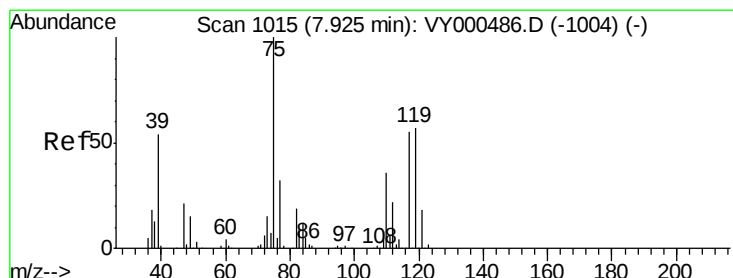
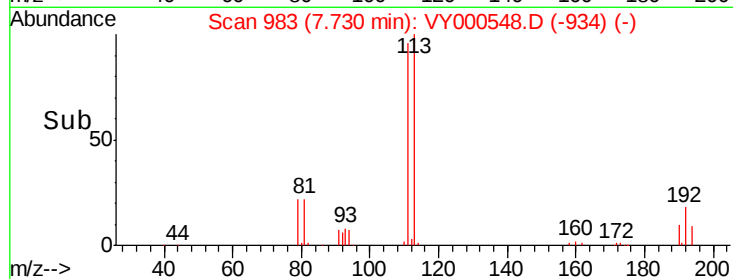
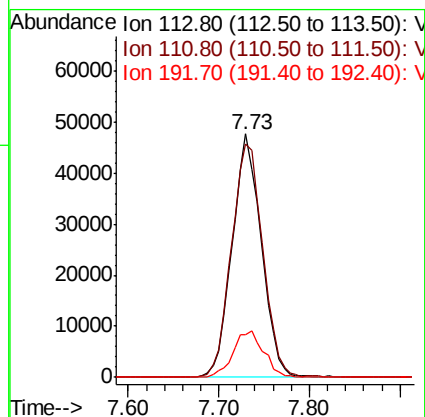
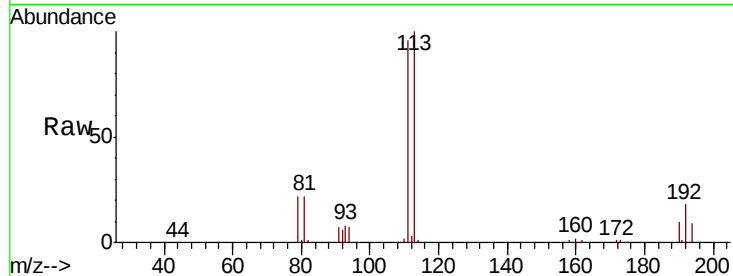




#35
Dibromofluoromethane
Concen: 50.339 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

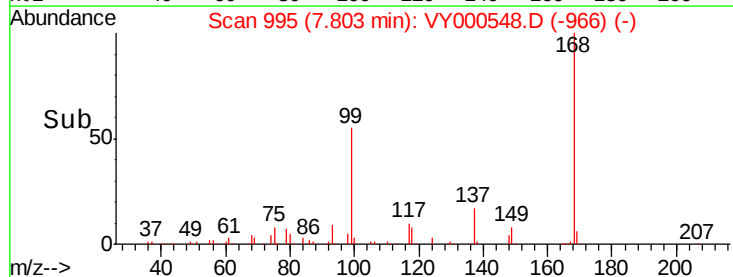
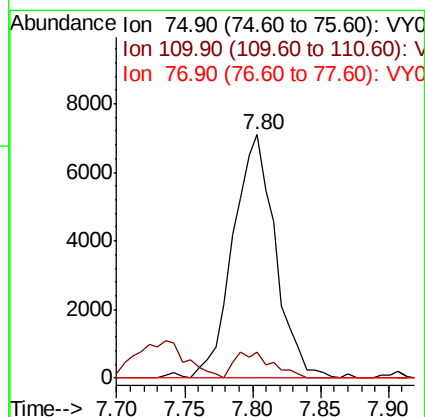
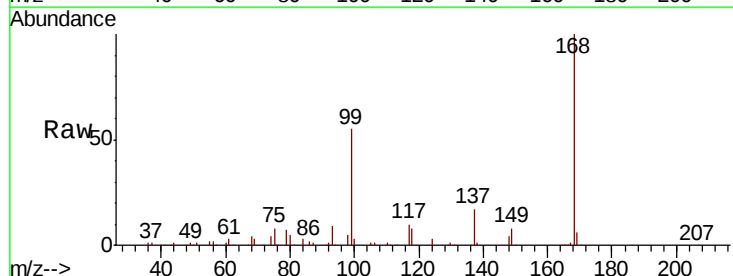
Instrument :
MSVOA_Y
ClientSampleId :
H-1A

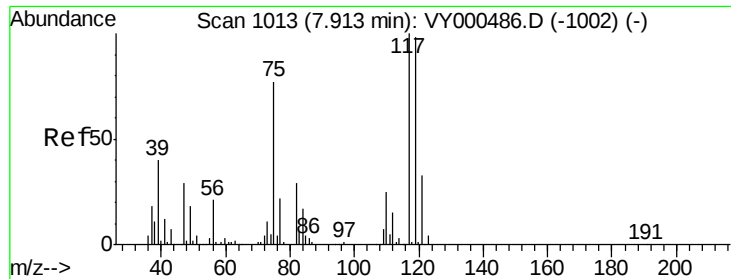
Tot Ion:113 Resp: 106531
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 19.8 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

Tgt Ion: 75 Resp: 15363
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.081 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

H-1A

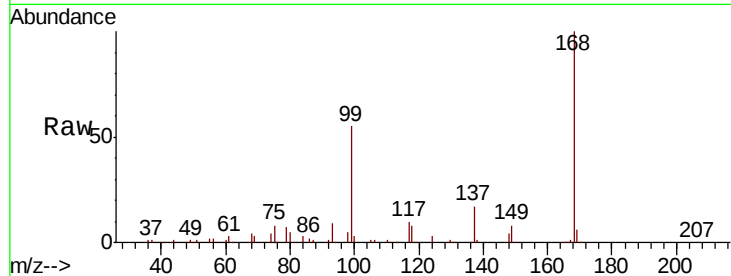
Tot Ion:117 Resp: 19940

Ion Ratio Lower Upper

117 100

119 4.2 78.0 117.0#

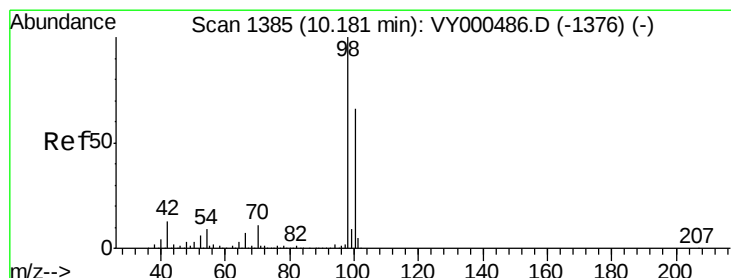
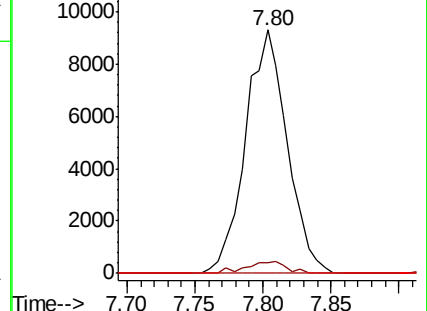
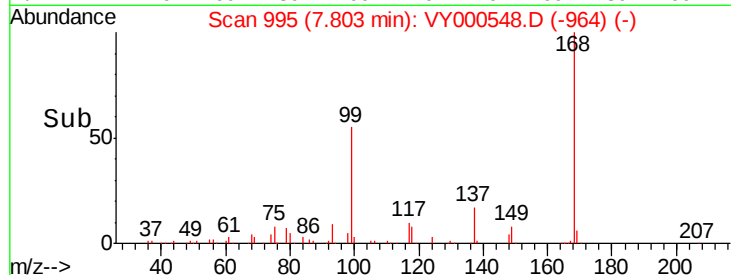
121 0.0 26.6 40.0#



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: 51.496 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000548.D

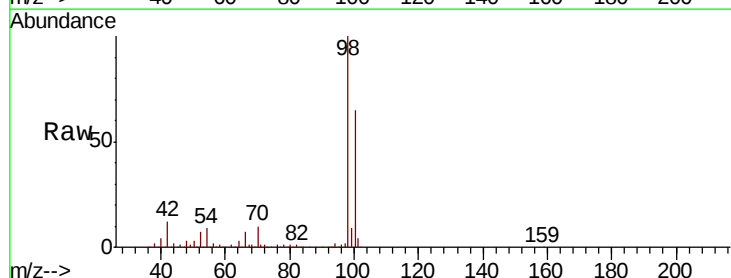
Acq: 06 Nov 2019 14:03

Tgt Ion: 98 Resp: 413522

Ion Ratio Lower Upper

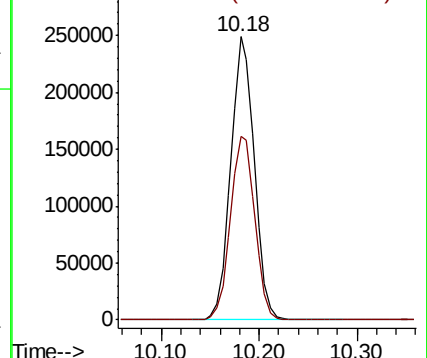
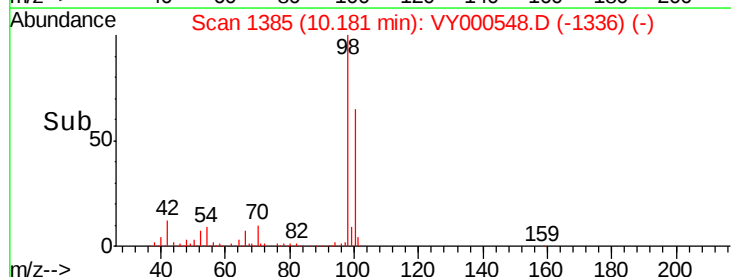
98 100

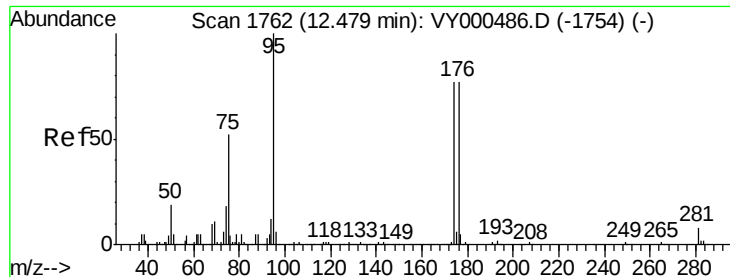
100 67.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

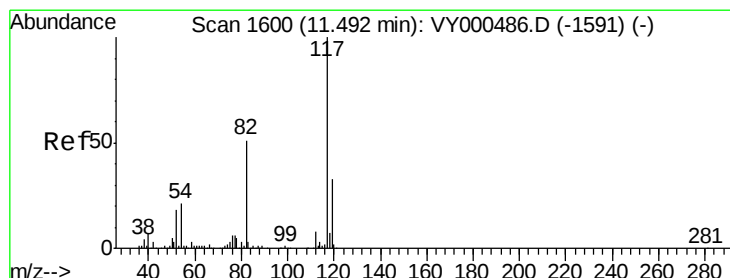
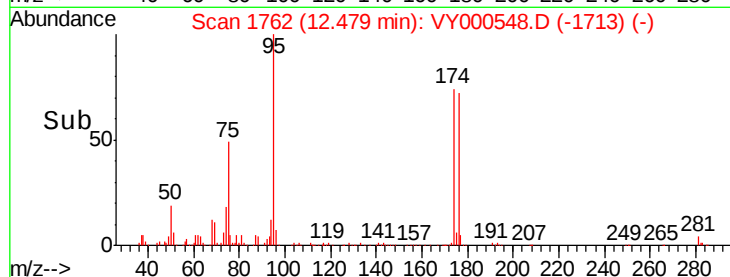
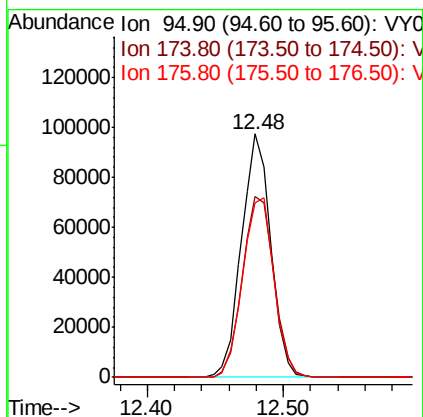
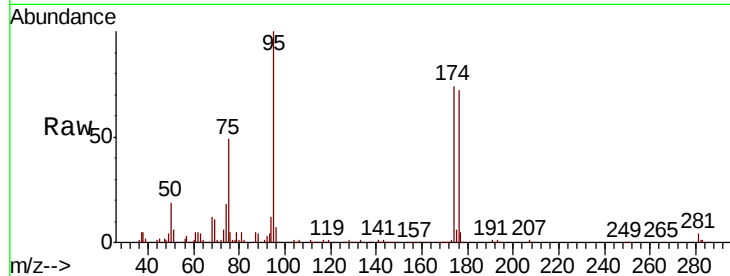




#62
4-Bromofluorobenzene
Concen: 47.877 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

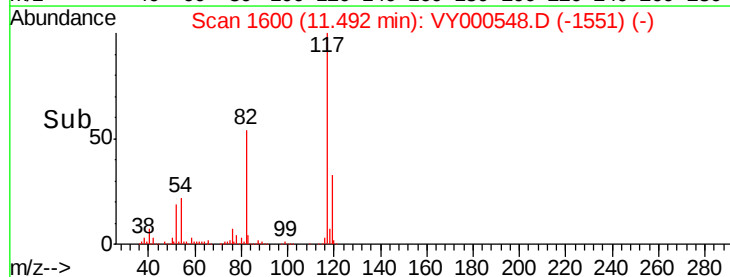
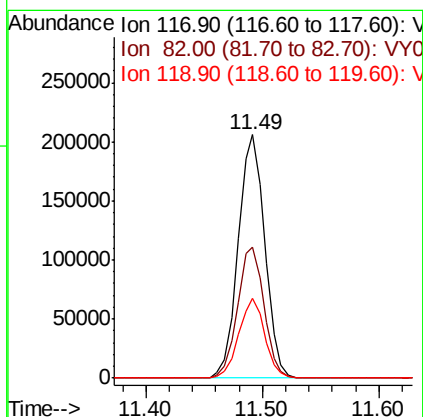
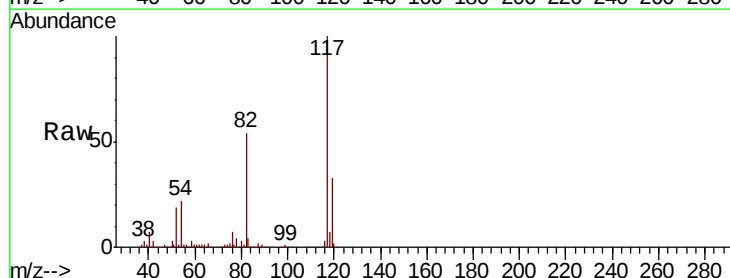
Instrument :
MSVOA_Y
ClientSampleId :
H-1A

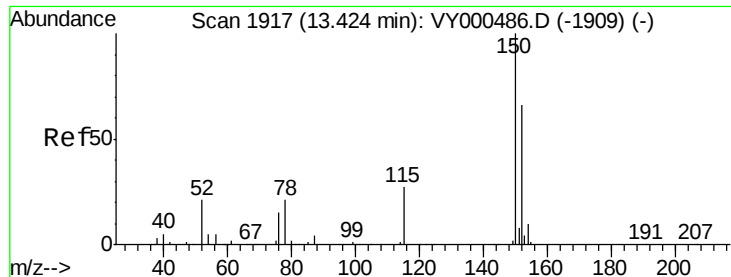
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	161.6
176	79.3	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	40.8	61.2
119	33.0	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

H-1A

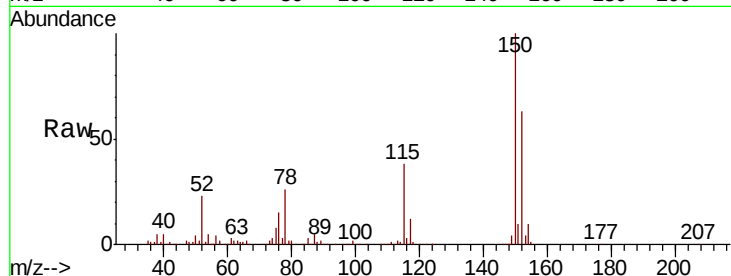
Tot Ion:152 Resp: 152376

Ion Ratio Lower Upper

152 100

115 59.3 29.1 87.4

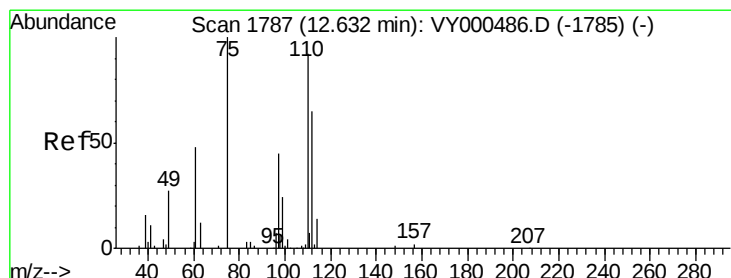
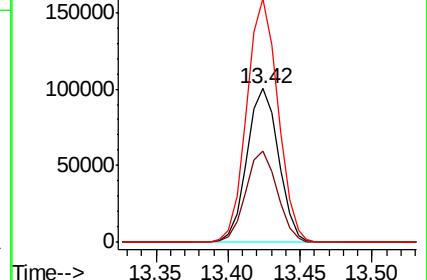
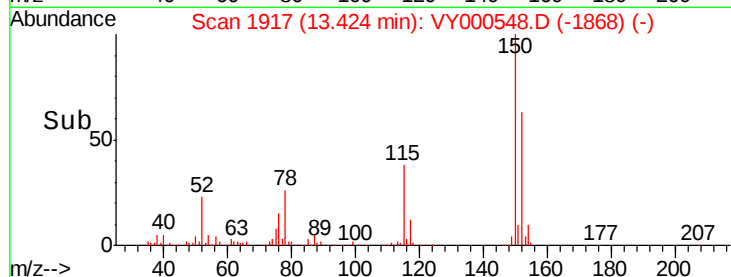
150 156.6 0.0 348.8



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: 43.154 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000548.D

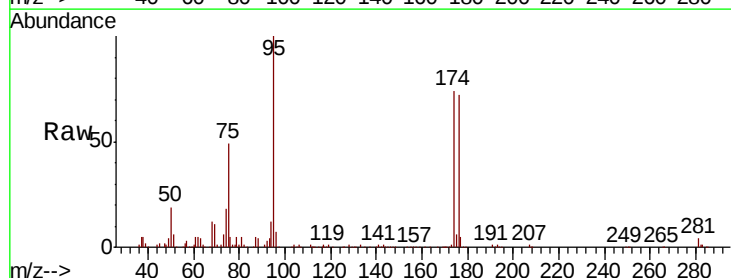
Acq: 06 Nov 2019 14:03

Tgt Ion: 75 Resp: 74872

Ion Ratio Lower Upper

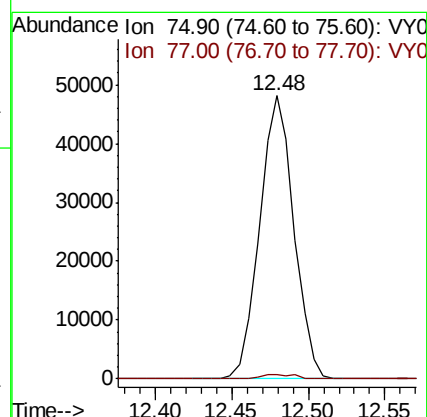
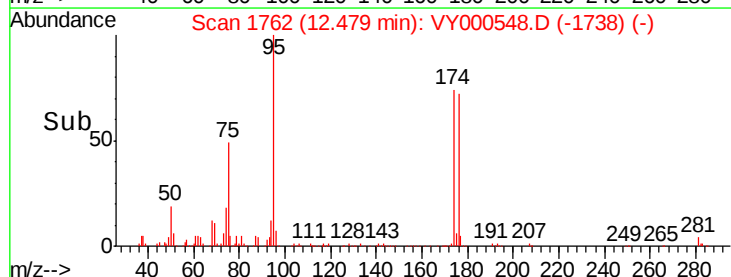
75 100

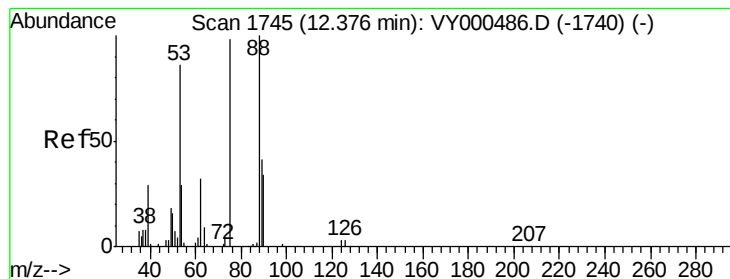
77 1.6 0.0 0.0#



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: 96.756 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

H-1A

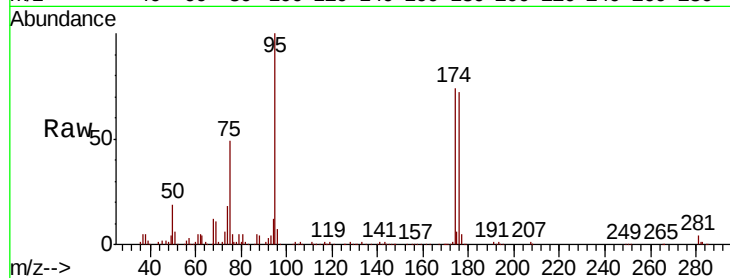
Tot Ion: 75 Resp: 74872

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.2 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

