

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000525.D
 Acq On : 01 Nov 2019 15:51
 Operator : SY/MD
 Sample : K5662-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:34:18 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	206242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	355752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	132700	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	120806	56.60	ug/l	0.00
Spiked Amount			Recovery	=	113.20%	
35) Dibromofluoromethane	7.73	113	97618	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
50) Toluene-d8	10.18	98	408121	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.48	95	133847	44.37	ug/l	0.00
Spiked Amount			Recovery	=	88.74%	

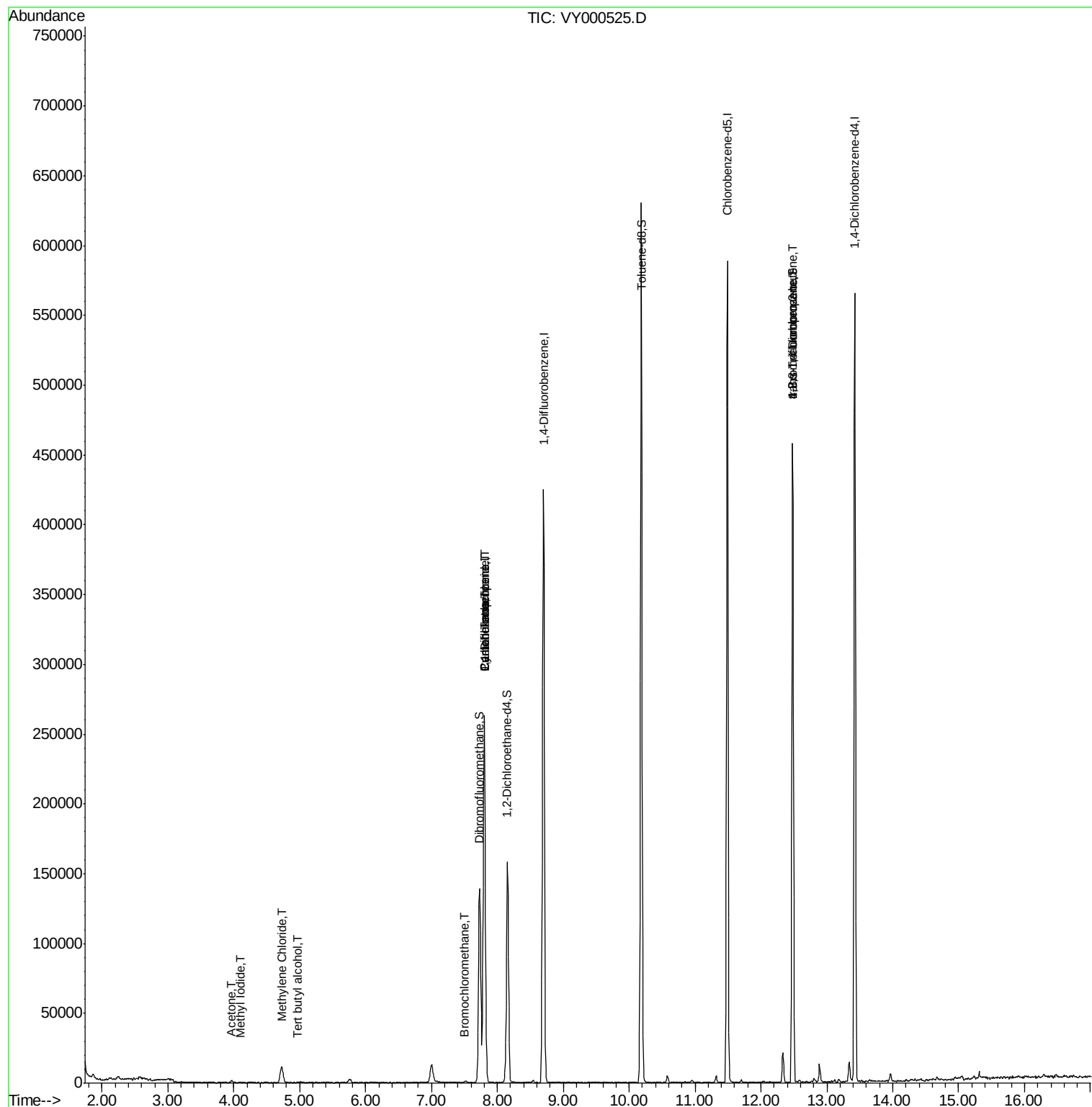
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	46	3.215	ug/l #	41
11) Tert butyl alcohol	4.97	59	359	1.728	ug/l #	88
16) Acetone	3.96	43	2434	4.138	ug/l #	83
20) Methylene Chloride	4.73	84	8795	3.489	ug/l #	82
28) Bromochloromethane	7.49	49	33	4.109	ug/l #	14
31) Cyclohexane	7.80	56	5064	1.226	ug/l #	31
36) 1,1-Dichloropropene	7.80	75	16330	4.856	ug/l #	50
38) Carbon Tetrachloride	7.80	117	19692	6.085	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	71943	47.614	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	71943	106.756	ug/l #	13

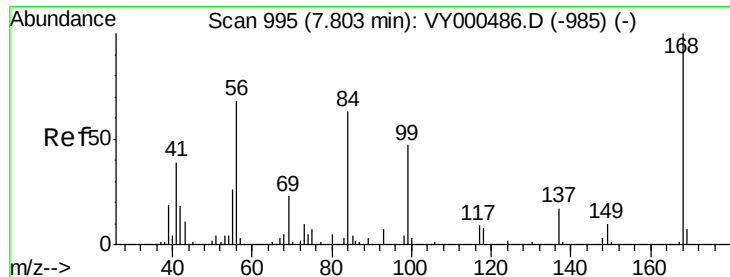
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
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Quant Time: Nov 01 23:34:18 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: VY000525.D

Acq: 01 Nov 2019 15:51

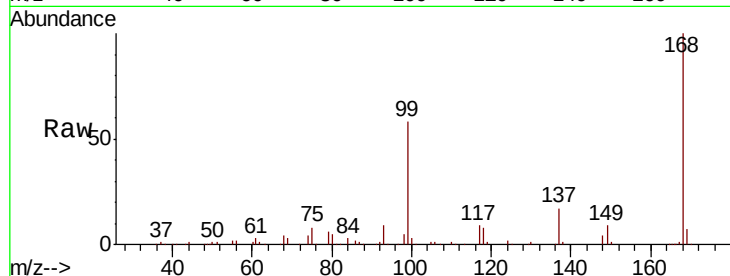
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 206242

Ion Ratio Lower Upper

168 100

99 58.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

60000

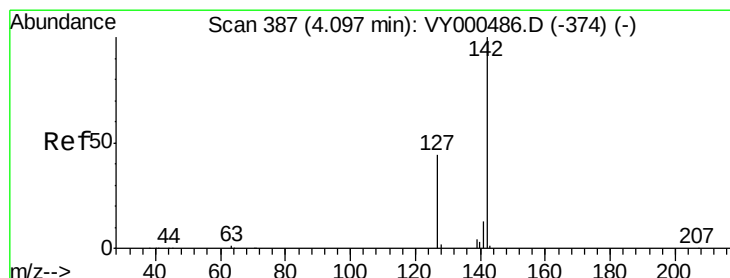
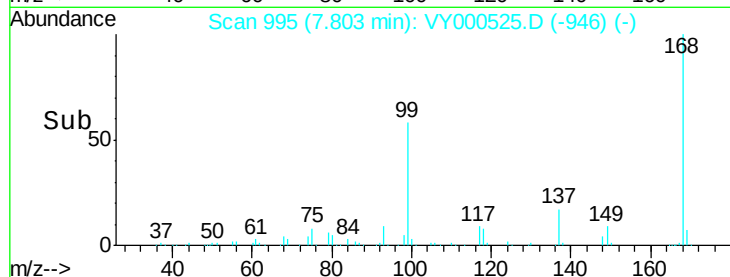
40000

20000

0

Time-->

7.70 7.80 7.90



#10

Methyl Iodide

Concen: 3.215 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

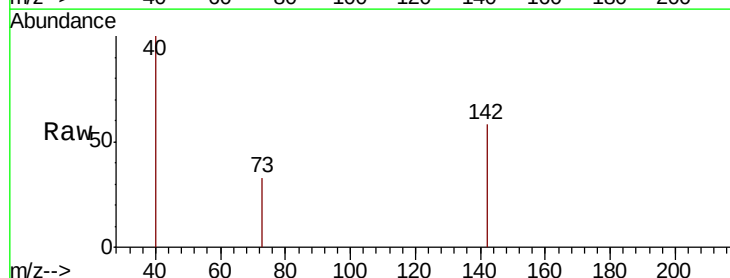
Tgt Ion:142 Resp: 46

Ion Ratio Lower Upper

142 100

127 84.8 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

150

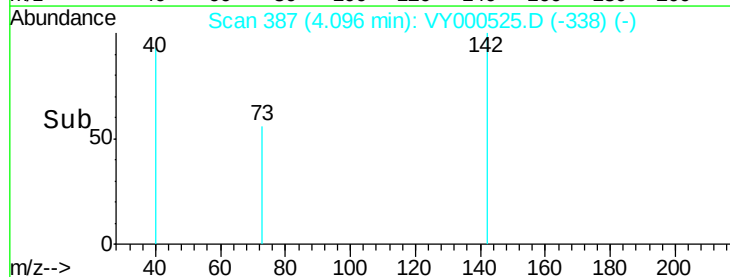
100

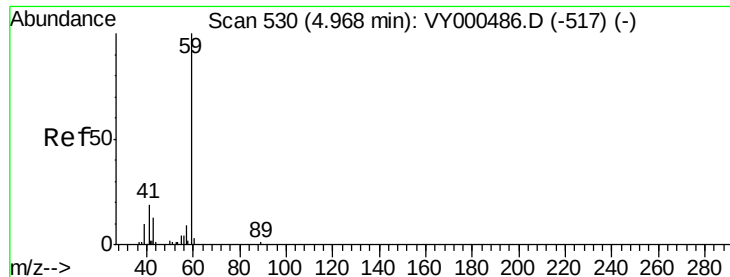
50

0

Time-->

4.09 4.10 4.11

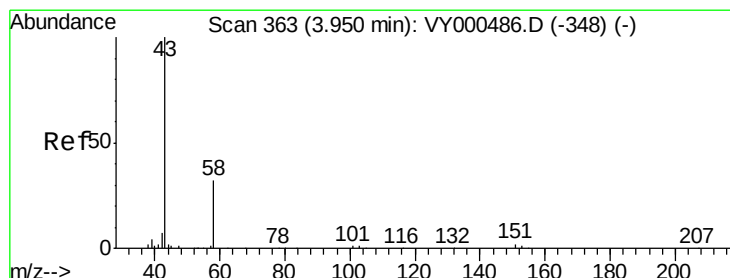
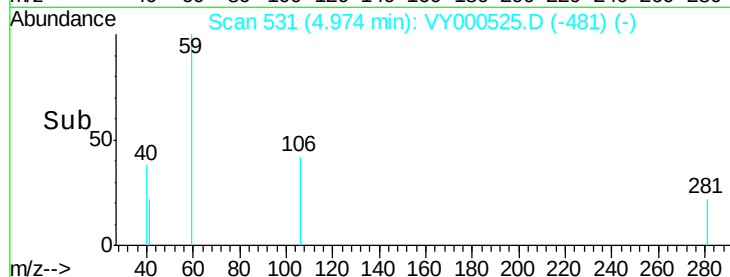
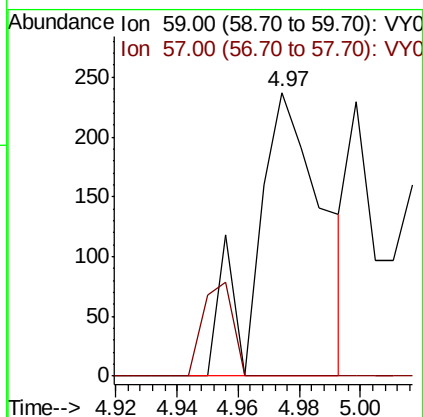
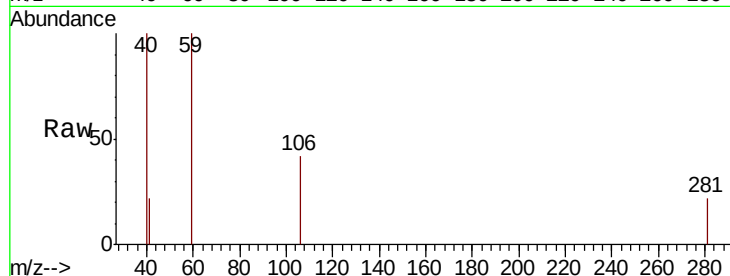




#11
Tert butyl alcohol
Concen: 1.728 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000525.D
Acq: 01 Nov 2019 15:51

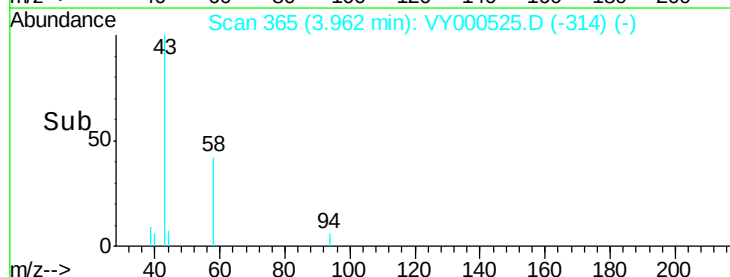
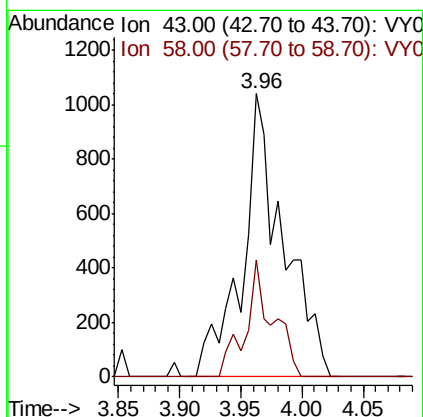
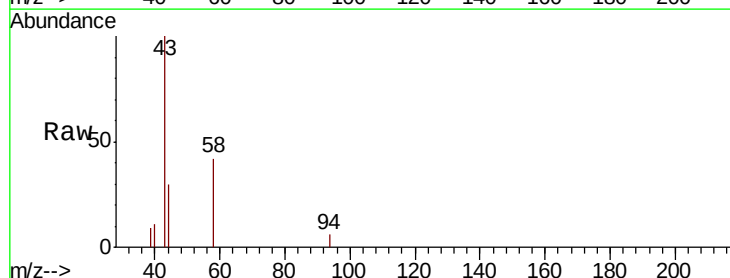
Instrument :
MSVOA_Y
ClientSampled :

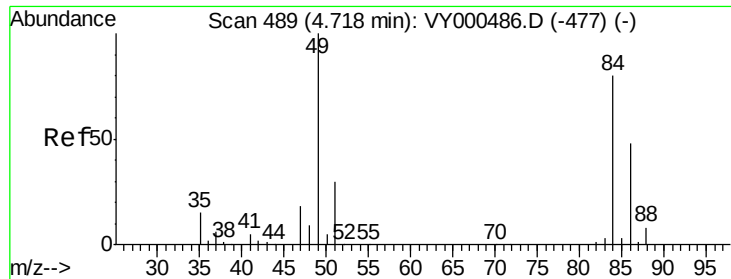
Tot Ion: 59 Resp: 359
Ion Ratio Lower Upper
59 100
57 15.0 8.6 12.8#



#16
Acetone
Concen: 4.138 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000525.D
Acq: 01 Nov 2019 15:51

Tgt Ion: 43 Resp: 2434
Ion Ratio Lower Upper
43 100
58 41.5 25.8 38.6#

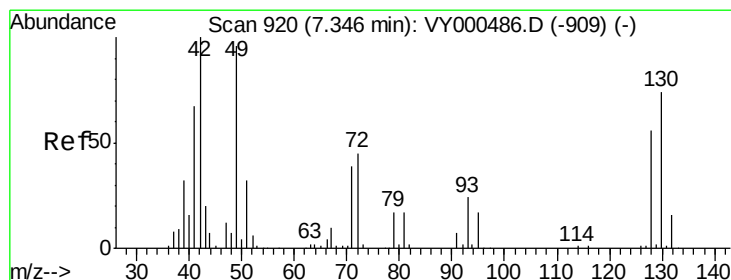
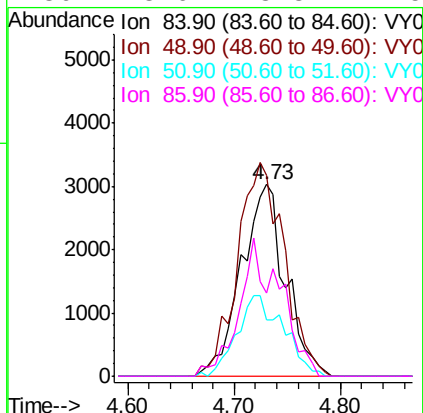
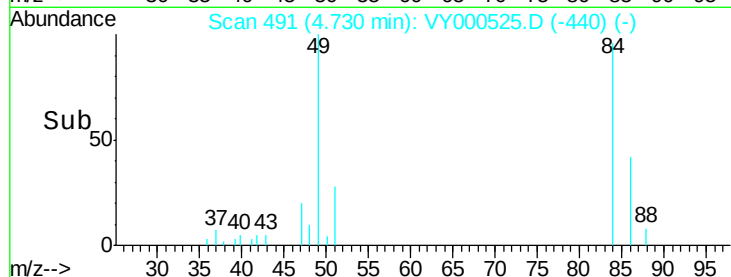
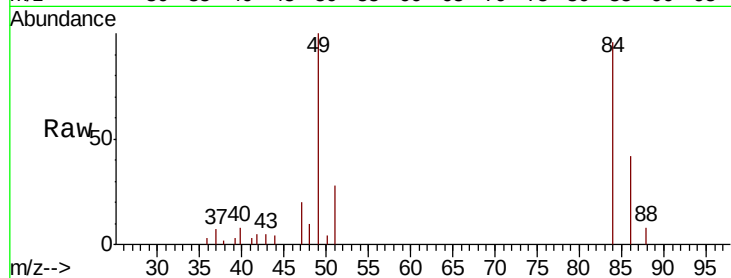




#20
Methvlene Chloride
Concen: 3.489 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000525.D
Acq: 01 Nov 2019 15:51

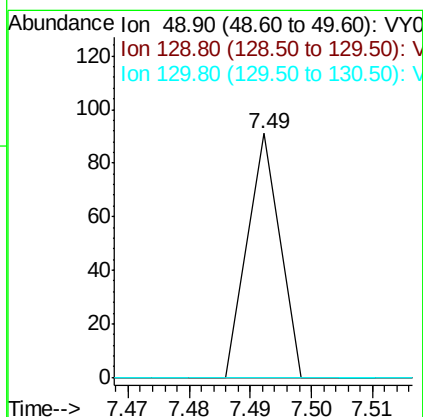
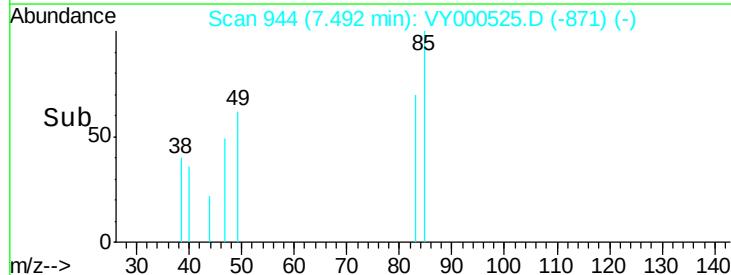
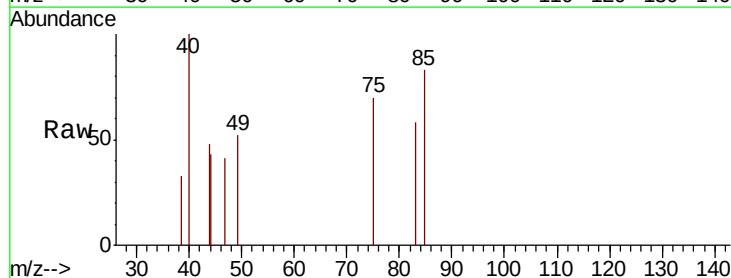
Instrument :
MSVOA_Y
ClientSampled :

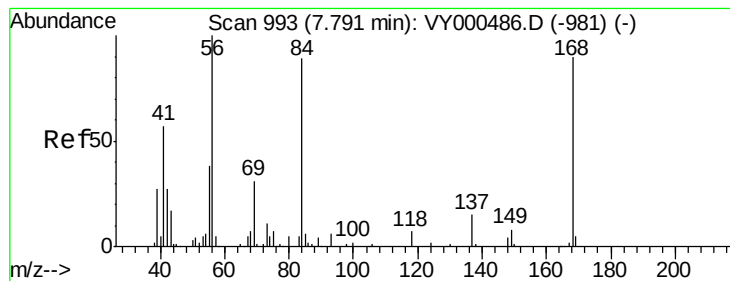
Tot Ion: 84 Resp: 8795
Ion Ratio Lower Upper
84 100
49 104.7 100.2 150.4
51 29.6 29.6 44.4
86 43.6 48.3 72.5#



#28
Bromochloromethane
Concen: 4.109 ug/l
RT: 7.49 min Scan# 944
Delta R.T. 0.15 min
Lab File: VY000525.D
Acq: 01 Nov 2019 15:51

Tgt Ion: 49 Resp: 33
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#





#31

Cyclohexane

Concen: 1.226 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

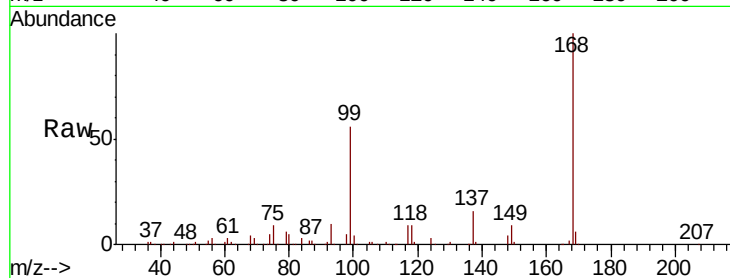
Tot Ion: 56 Resp: 5064

Ion Ratio Lower Upper

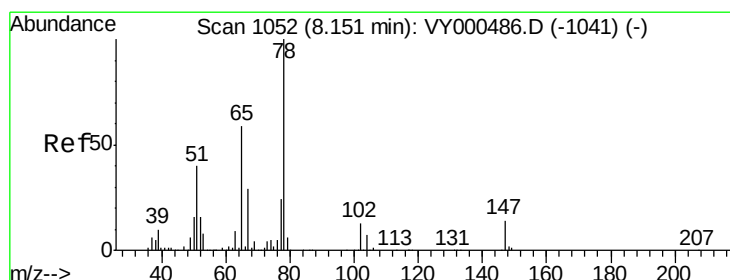
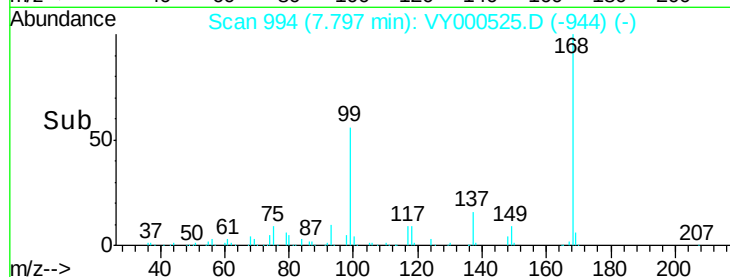
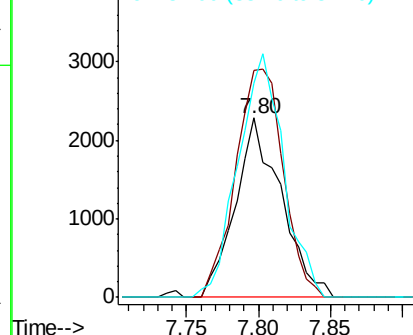
56 100

69 126.9 25.0 37.6#

84 119.6 71.4 107.2#



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: 56.601 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000525.D

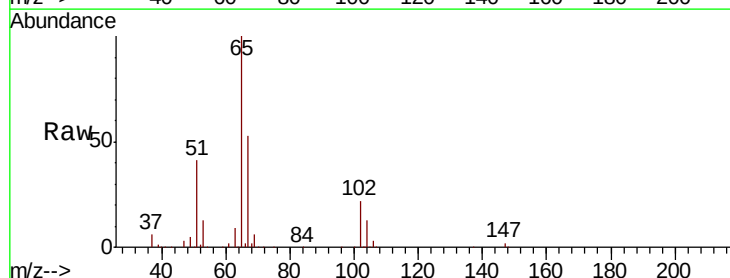
Acq: 01 Nov 2019 15:51

Tgt Ion: 65 Resp: 120806

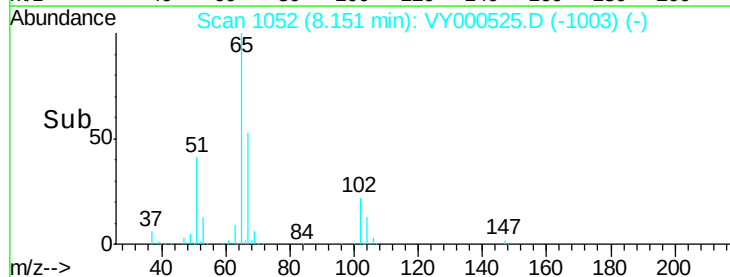
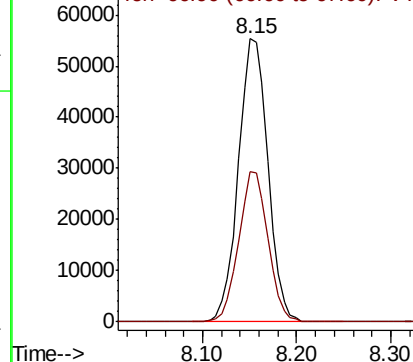
Ion Ratio Lower Upper

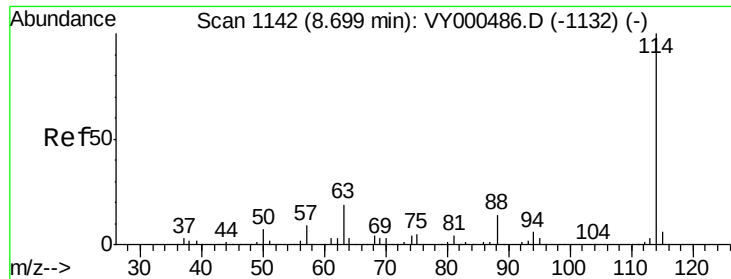
65 100

67 52.6 0.0 107.2



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. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

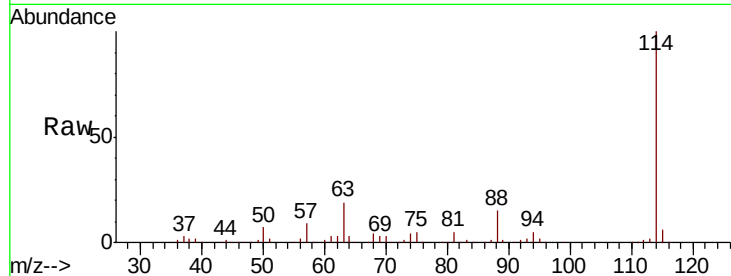
Tot Ion:114 Resp: 355752

Ion Ratio Lower Upper

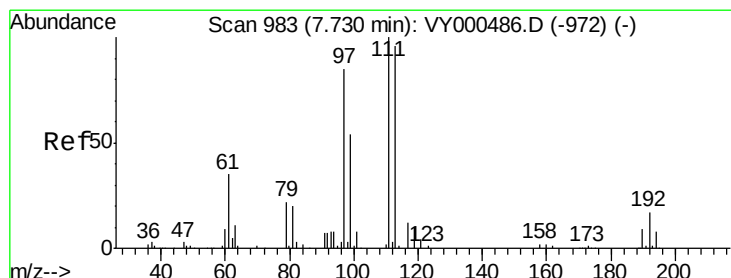
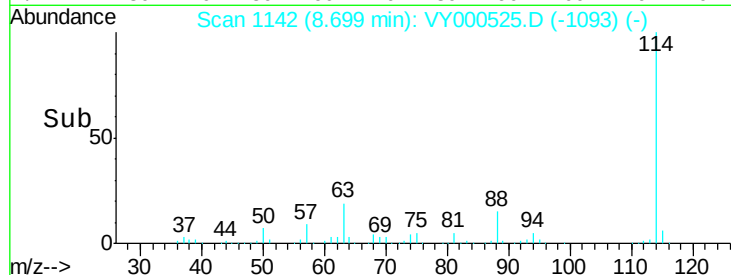
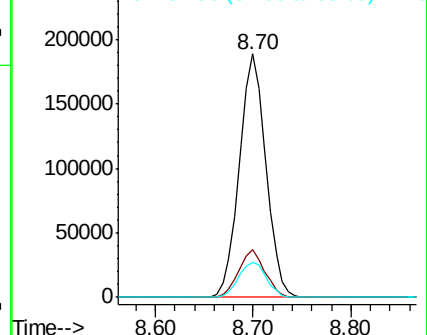
114 100

63 19.4 0.0 38.0

88 14.6 0.0 28.6



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: 46.741 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

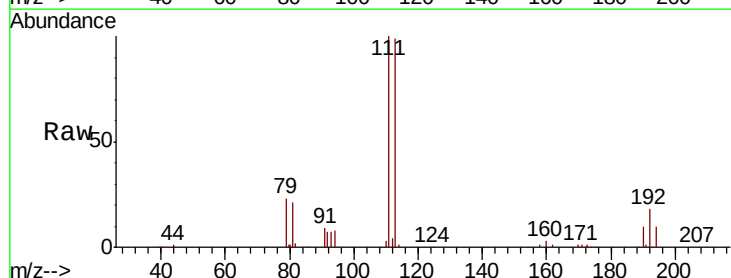
Tgt Ion:113 Resp: 97618

Ion Ratio Lower Upper

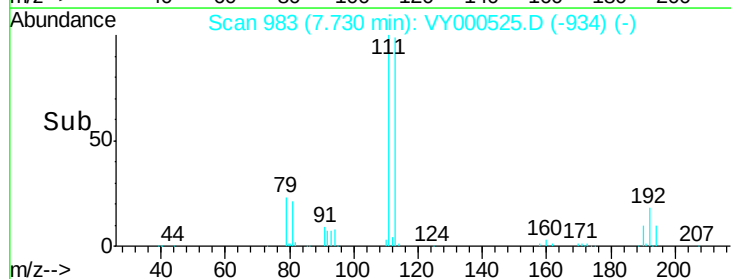
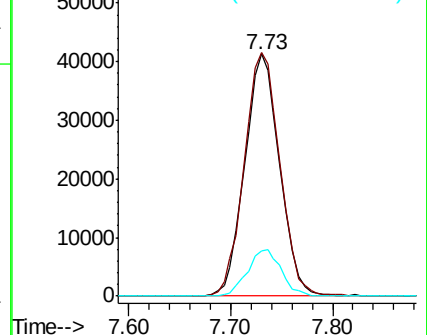
113 100

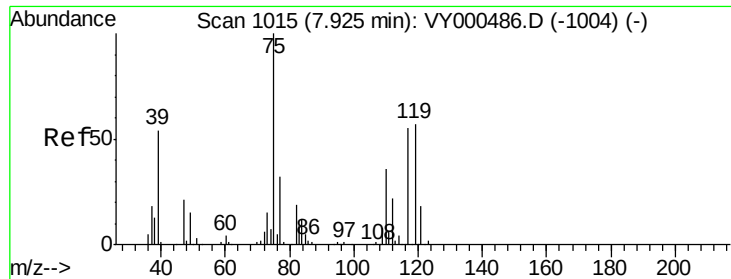
111 102.9 81.7 122.5

192 18.6 15.0 22.4



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

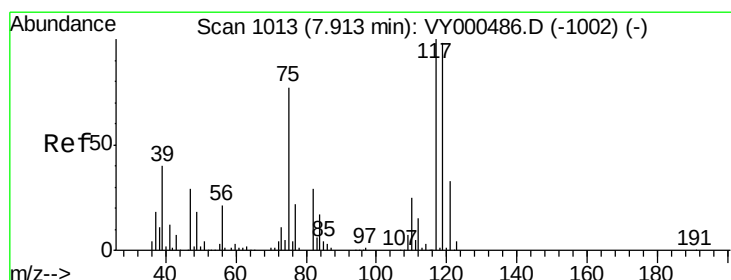
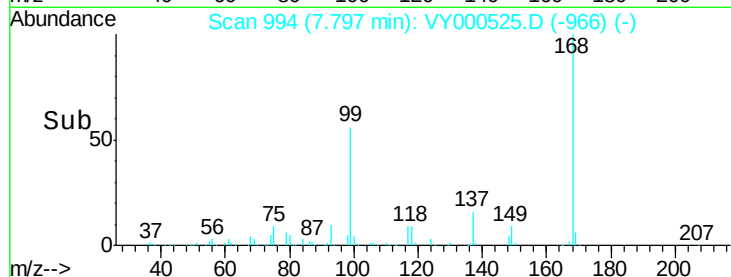
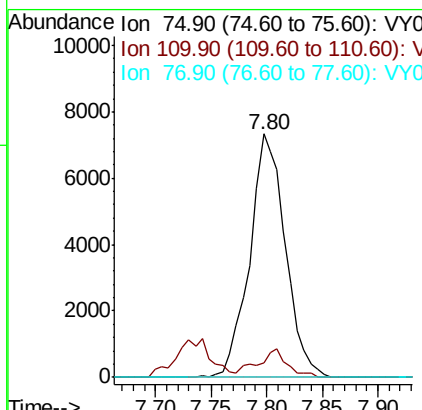
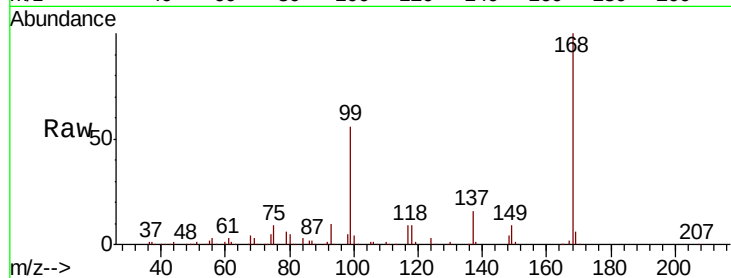




#36
 1,1-Dichloropropene
 Concen: 4.856 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000525.D
 Acq: 01 Nov 2019 15:51

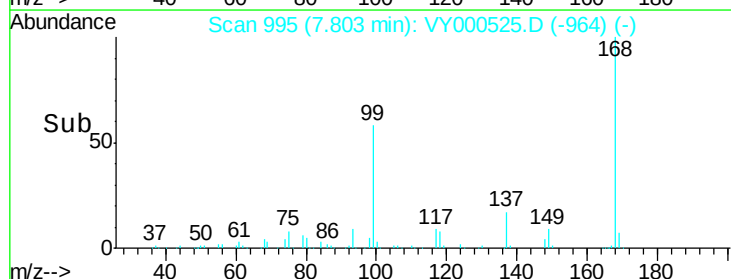
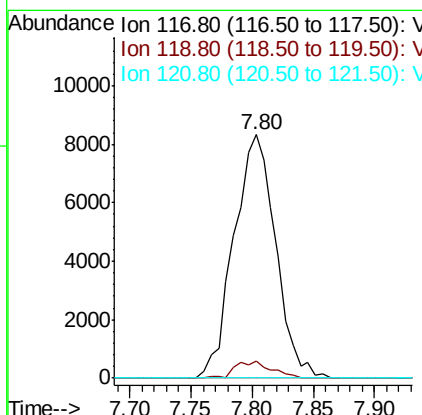
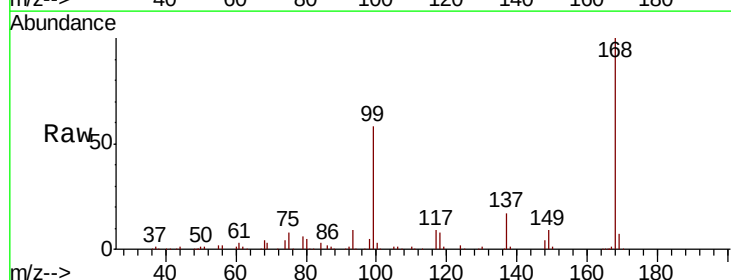
Instrument :
 MSVOA_Y
 ClientSampleId :

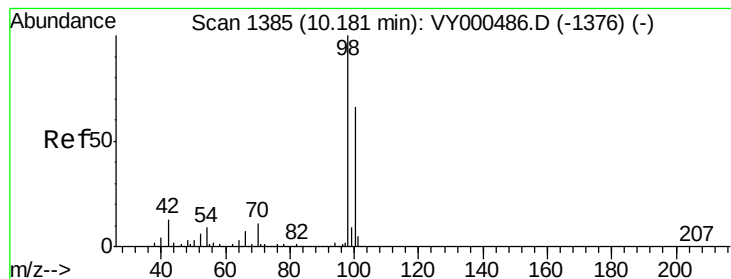
Tot Ion	75	Resp	16330
Ion Ratio	Lower	Upper	
75	100		
110	9.7	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.085 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000525.D
 Acq: 01 Nov 2019 15:51

Tgt Ion	117	Resp	19692
Ion Ratio	Lower	Upper	
117	100		
119	7.0	78.0	117.0#
121	0.0	26.6	40.0#





#50

Toluene-d8

Concen: 51.500 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

Instrument :

MSVOA_Y

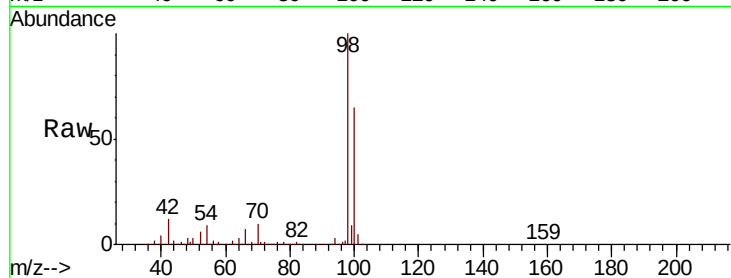
ClientSampled :

Tot Ion: 98 Resp: 408121

Ion Ratio Lower Upper

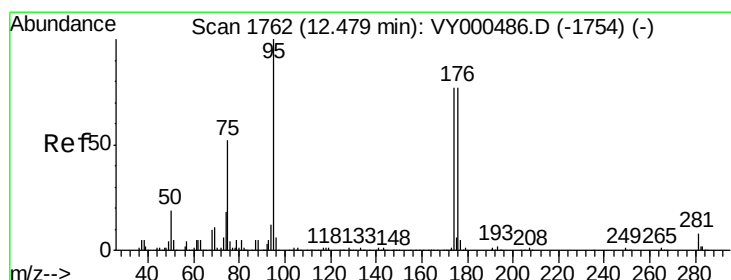
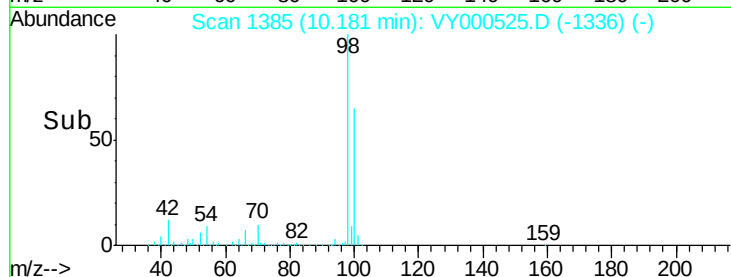
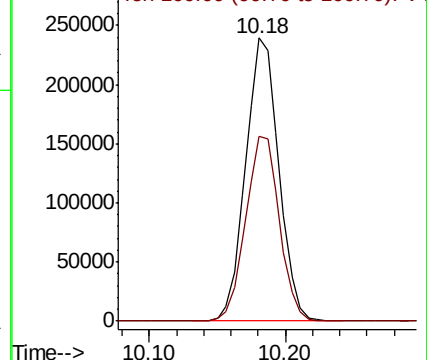
98 100

100 66.3 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: 44.366 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

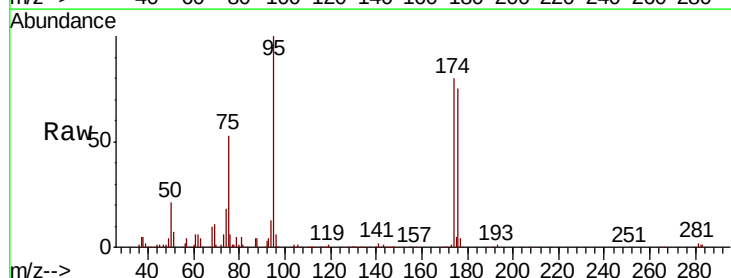
Tgt Ion: 95 Resp: 133847

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

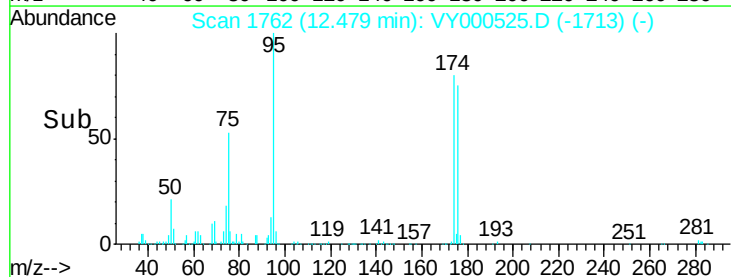
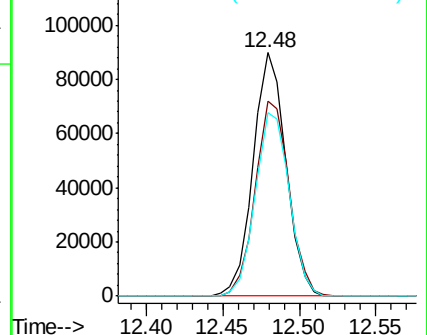
176 78.7 0.0 157.8

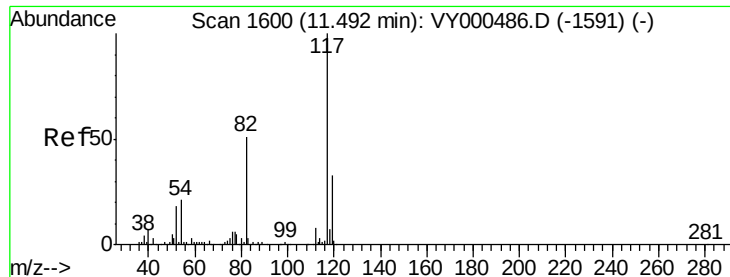


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

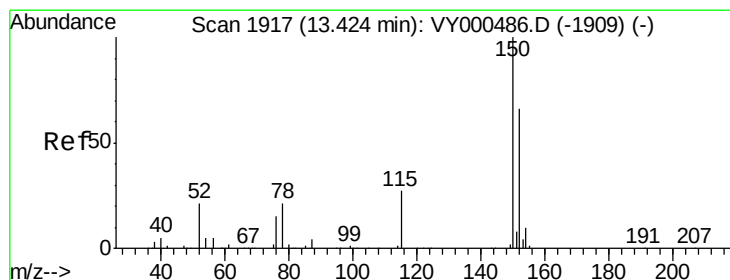
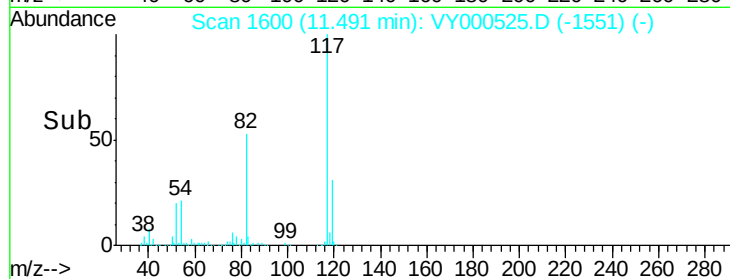
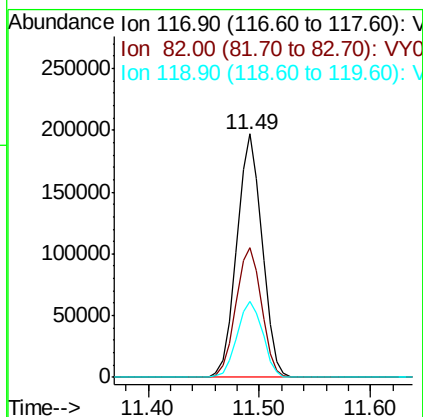
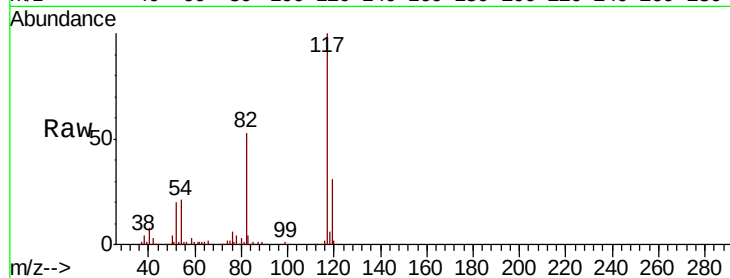




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000525.D
Acq: 01 Nov 2019 15:51

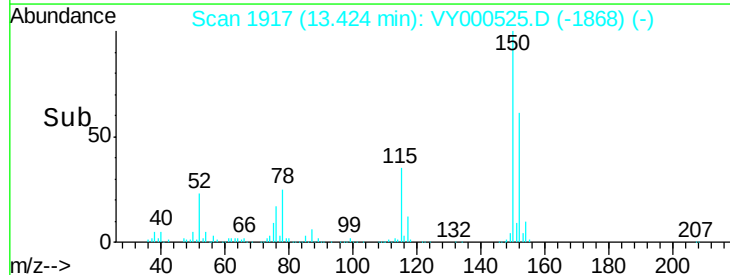
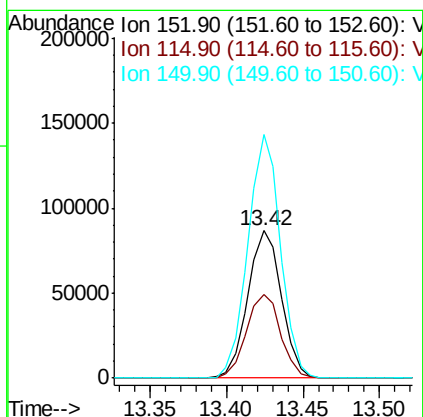
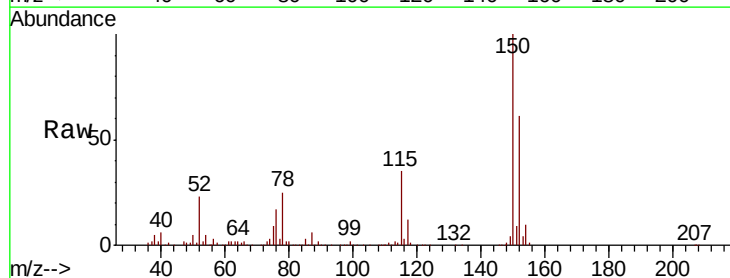
Instrument :
MSVOA_Y
ClientSampled :

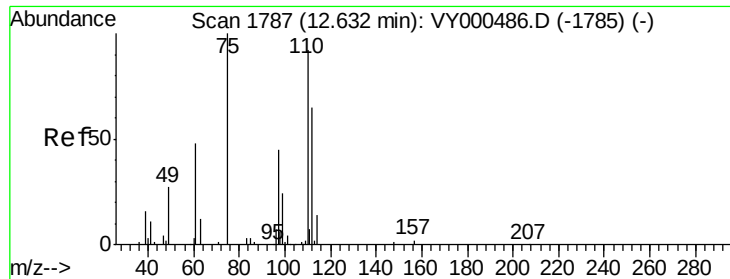
Tot Ion:117 Resp: 308689
Ion Ratio Lower Upper
117 100
82 53.3 40.8 61.2
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000525.D
Acq: 01 Nov 2019 15:51

Tgt Ion:152 Resp: 132700
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 159.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 47.614 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

Instrument :

MSVOA_Y

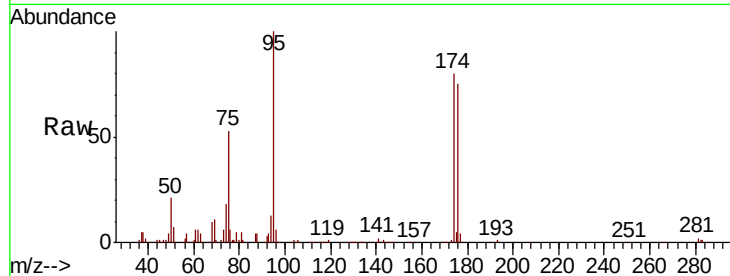
ClientSampled :

Tot Ion: 75 Resp: 71943

Ion Ratio Lower Upper

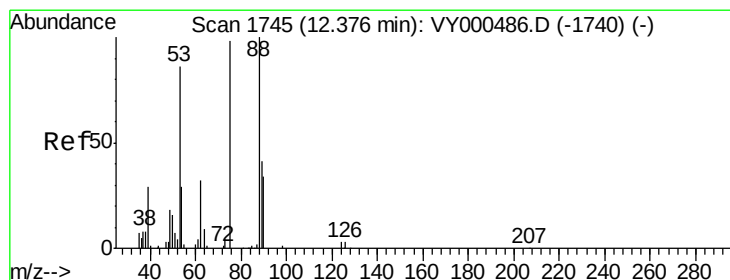
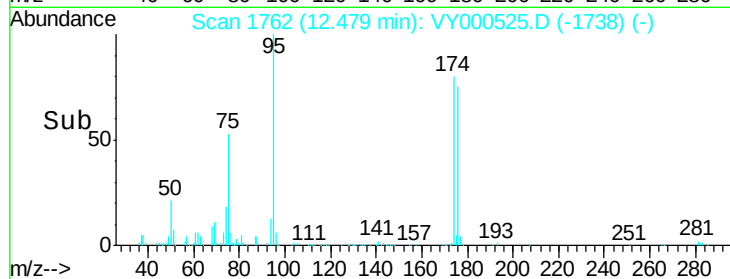
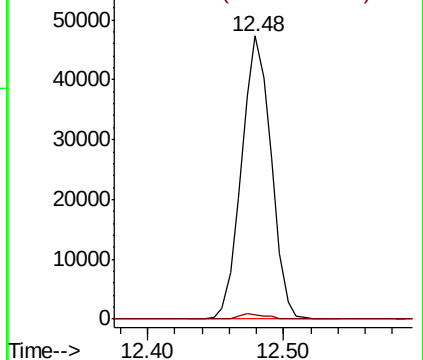
75 100

77 1.7 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: 106.756 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

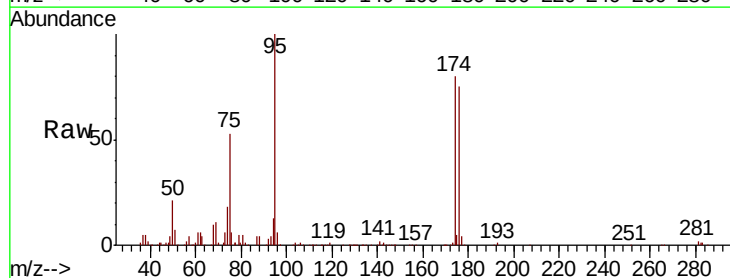
Tgt Ion: 75 Resp: 71943

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 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

