

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000632.D
 Acq On : 08 Nov 2019 20:45
 Operator : SY/MD
 Sample : K5722-07RE
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5-C

Quant Time: Nov 11 04:47:30 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	210092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	380046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	352405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	131779	60.61	ug/l	0.00
Spiked Amount			Recovery	=	121.22%	
35) Dibromofluoromethane	7.73	113	109990	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	10.18	98	452166	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.48	95	155893	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	

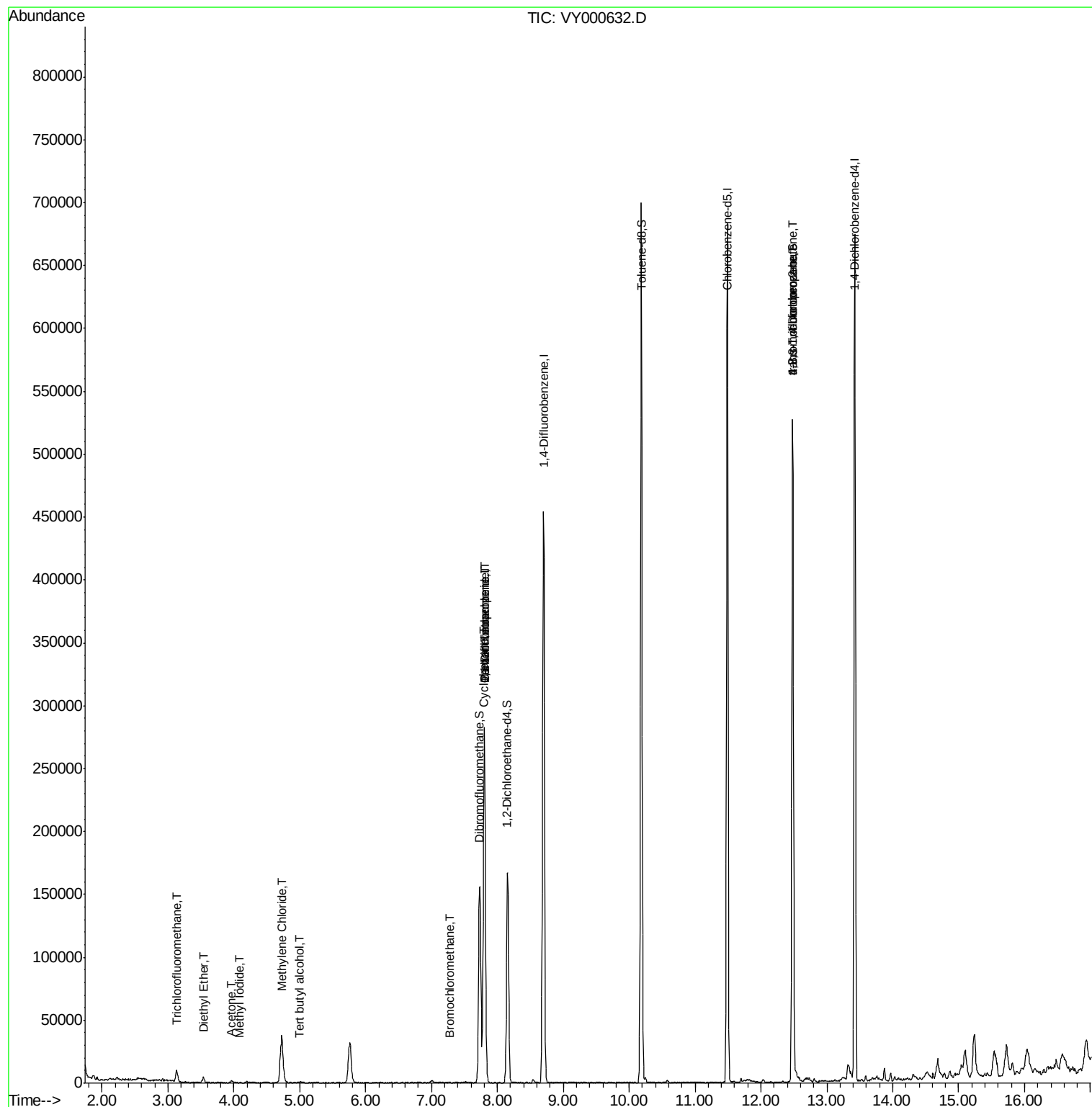
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	3.13	101	9723	2.721	ug/l	95
8) Diethyl Ether	3.54	74	2044	1.610	ug/l	78
10) Methyl Iodide	4.08	142	18	3.205	ug/l #	41
11) Tert butyl alcohol	4.99	59	510	2.410	ug/l #	72
16) Acetone	3.97	43	2163	3.610	ug/l	96
20) Methylene Chloride	4.72	84	26791	10.434	ug/l	93
28) Bromochloromethane	7.28	49	49	4.117	ug/l #	14
31) Cyclohexane	7.79	56	5354	1.272	ug/l #	68
36) 1,1-Dichloropropene	7.80	75	17034	4.741	ug/l #	48
38) Carbon Tetrachloride	7.80	117	20988	6.071	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	86076	47.847	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86076	107.280	ug/l #	13

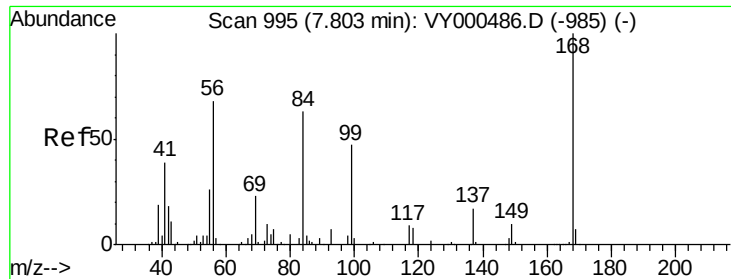
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
Data File : VY000632.D
Acq On : 08 Nov 2019 20:45
Operator : SY/MD
Sample : K5722-07RE
Misc : 6.45G/5ML/MSVOA Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
5-C

Quant Time: Nov 11 04:47:30 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: VY000632.D

Acq: 08 Nov 2019 20:45

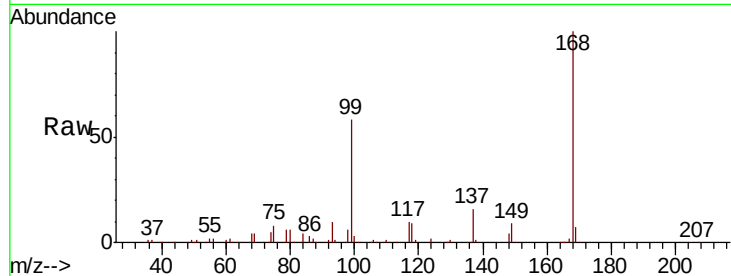
Instrument :
MSVOA_Y
ClientSampleId :
5-C

Tot Ion:168 Resp: 210092

Ion Ratio Lower Upper

168 100

99 57.9 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

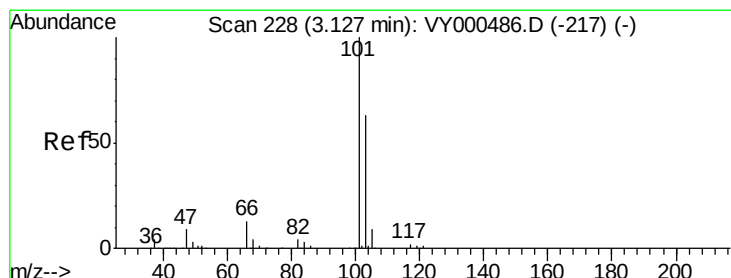
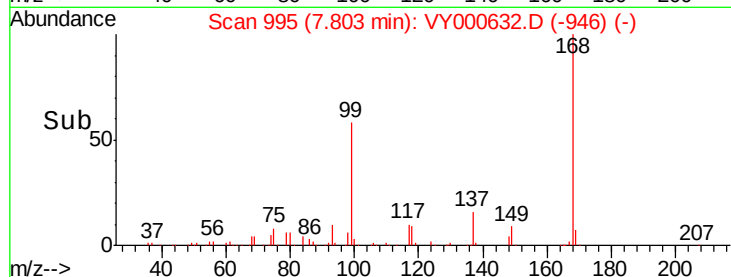
60000

40000

20000

0

Time-->



#7

Trichlorofluoromethane

Concen: 2.721 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: VY000632.D

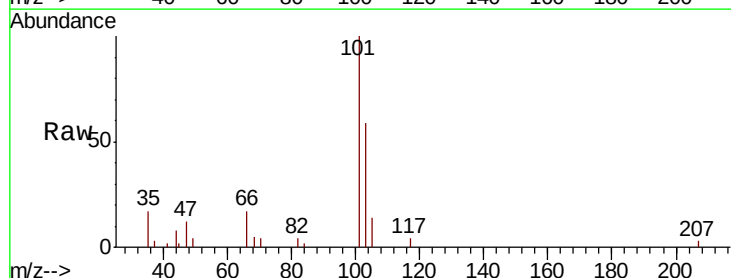
Acq: 08 Nov 2019 20:45

Tgt Ion:101 Resp: 9723

Ion Ratio Lower Upper

101 100

103 58.9 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.13

4000

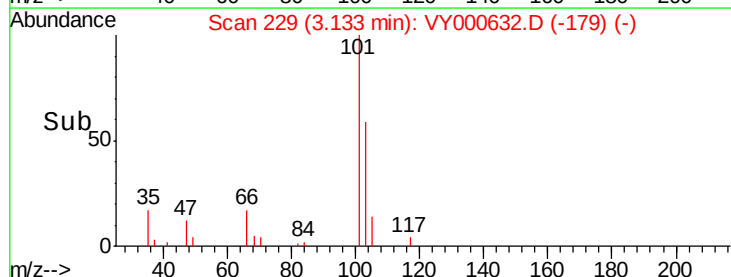
3000

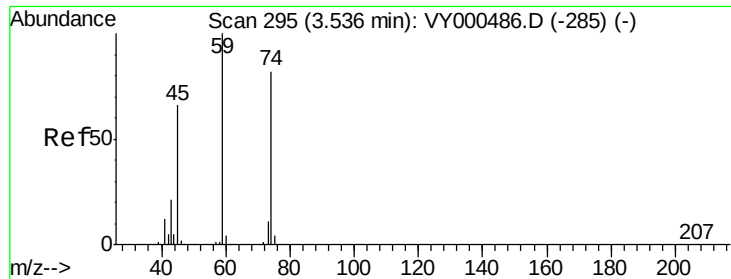
2000

1000

0

Time-->





#8

Diethyl Ether

Concen: 1.610 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

Instrument :

MSVOA_Y

ClientSampled :

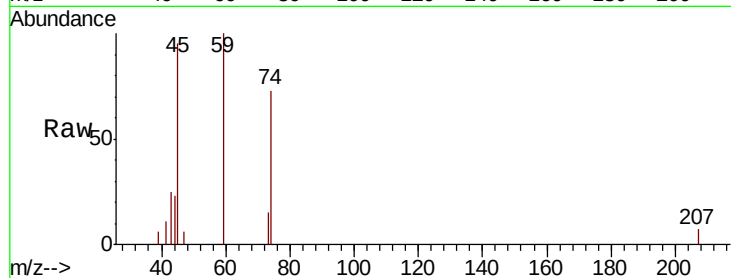
5-C

Tot Ion: 74 Resp: 2044

Ion Ratio Lower Upper

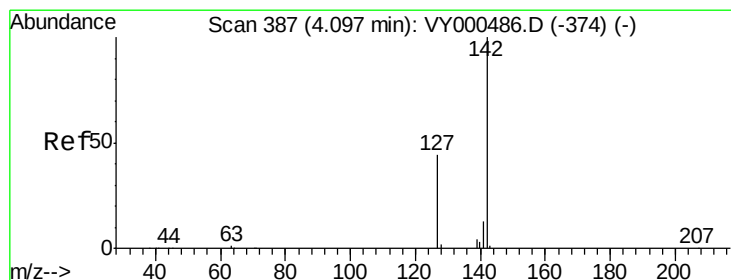
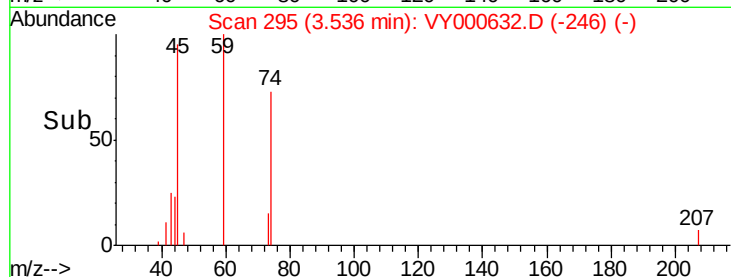
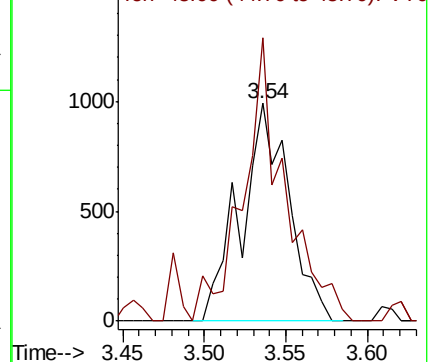
74 100

45 112.0 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)



#10

Methyl Iodide

Concen: 3.205 ug/l

RT: 4.08 min Scan# 385

Delta R.T. -0.01 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

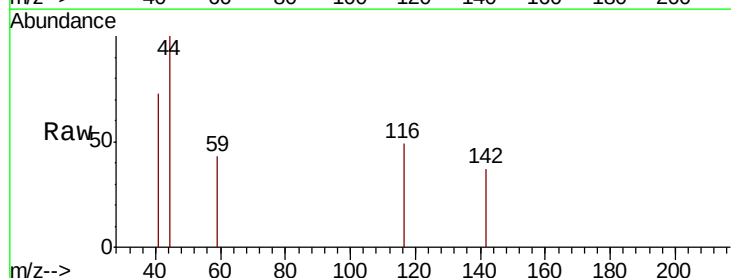
Tgt Ion: 142 Resp: 18

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

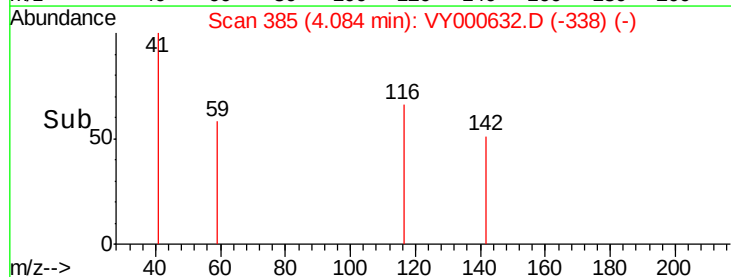
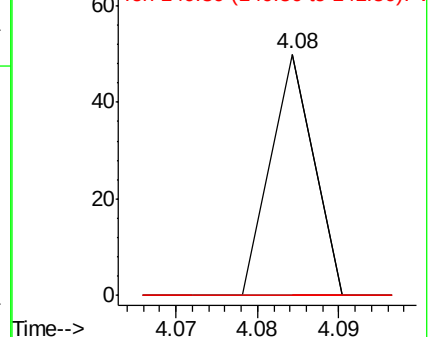
141 0.0 10.9 16.3#

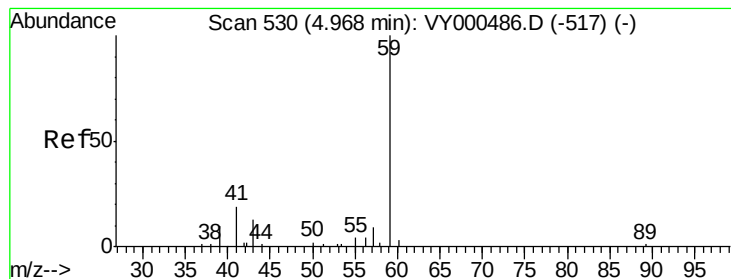


Abundance Ion 141.80 (141.50 to 142.50): VY000486.D (-374) (-)

Ion 126.80 (126.50 to 127.50): VY000486.D (-374) (-)

Ion 140.80 (140.50 to 141.50): VY000486.D (-374) (-)



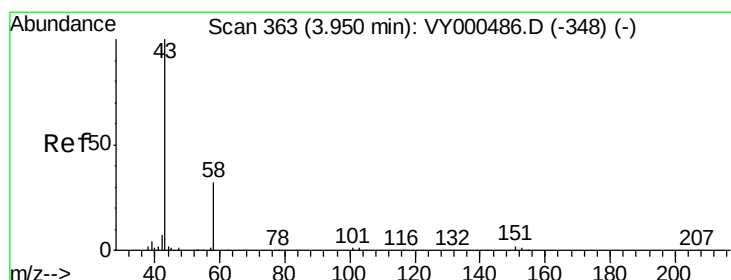
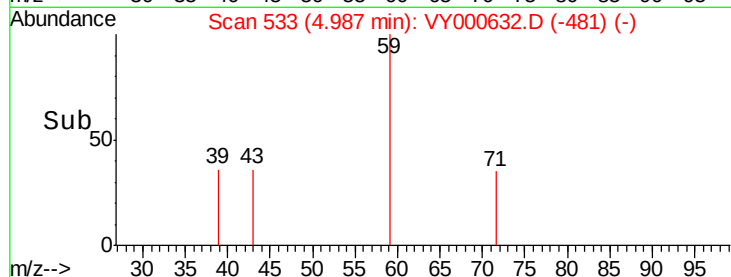
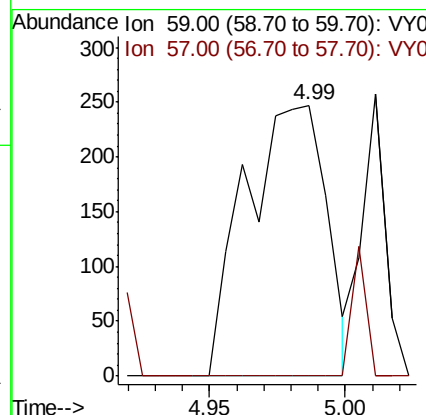
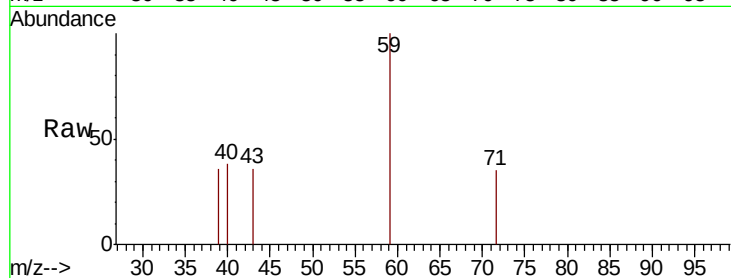


#11

Tert butyl alcohol
 Concen: 2.410 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VY000632.D
 Acq: 08 Nov 2019 20:45

Instrument :
 MSVOA_Y
 ClientSampled :
 5-C

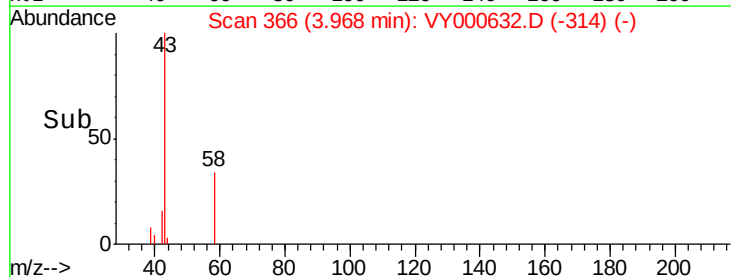
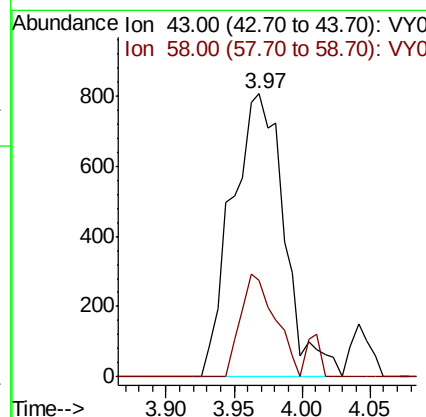
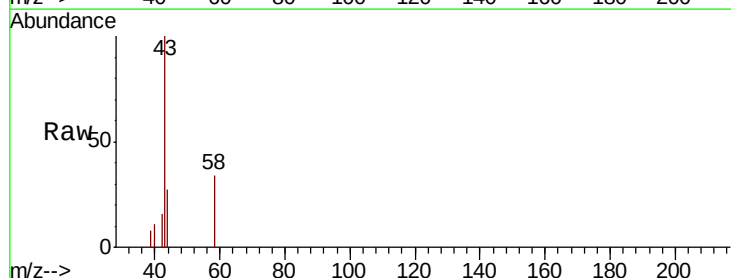
Tot Ion: 59 Resp: 510
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

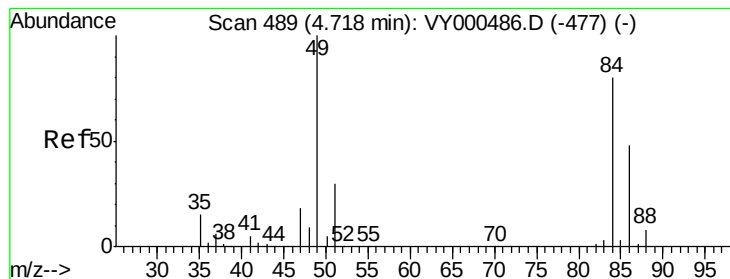


#16

Acetone
 Concen: 3.610 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VY000632.D
 Acq: 08 Nov 2019 20:45

Tgt Ion: 43 Resp: 2163
 Ion Ratio Lower Upper
 43 100
 58 34.2 25.8 38.6





#20

Methylene Chloride

Concen: 10.434 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

Instrument :

MSVOA_Y

ClientSampleId :

5-C

Tot Ion: 84 Resp: 26791

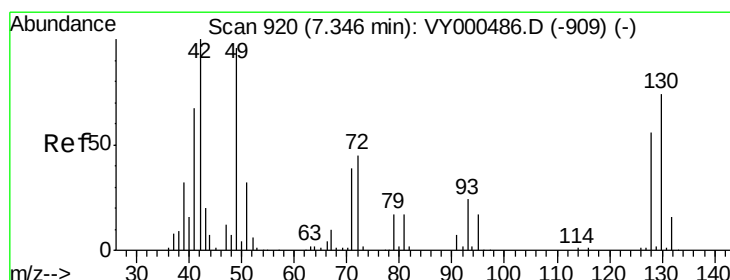
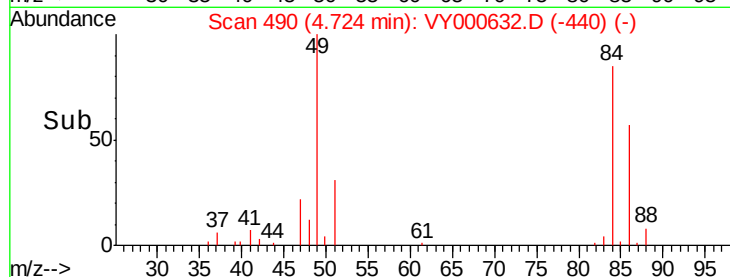
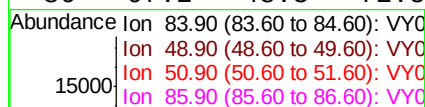
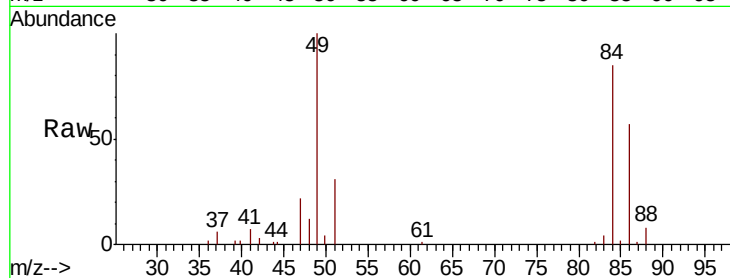
Ion Ratio Lower Upper

84 100

49 117.3 100.2 150.4

51 35.8 29.6 44.4

86 67.2 48.3 72.5



#28

Bromochloromethane

Concen: 4.117 ug/l

RT: 7.28 min Scan# 910

Delta R.T. -0.06 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

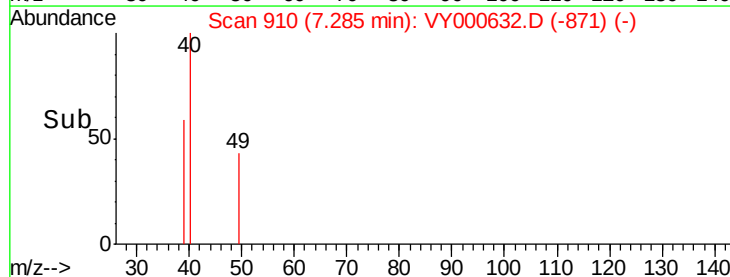
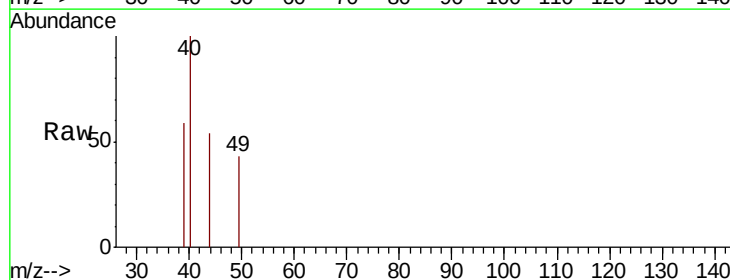
Tgt Ion: 49 Resp: 49

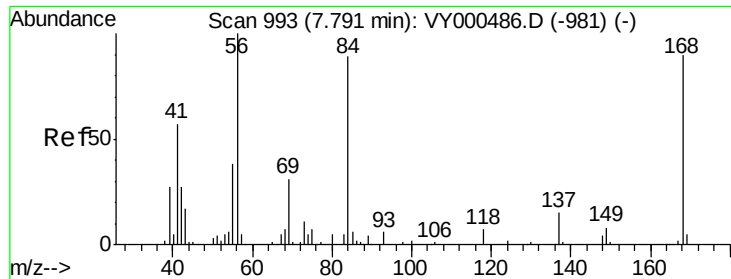
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 59.4 89.0#

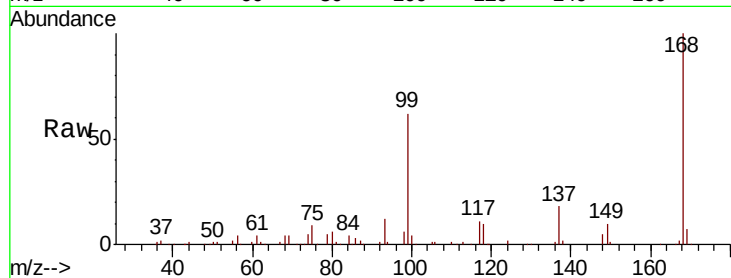




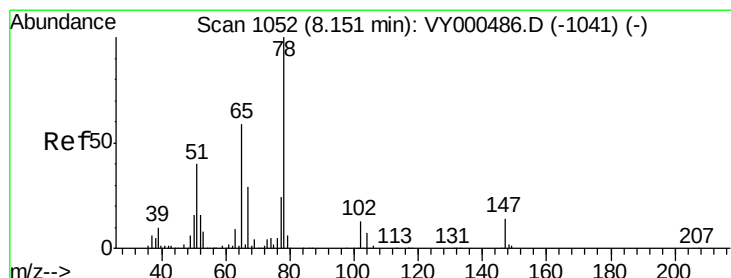
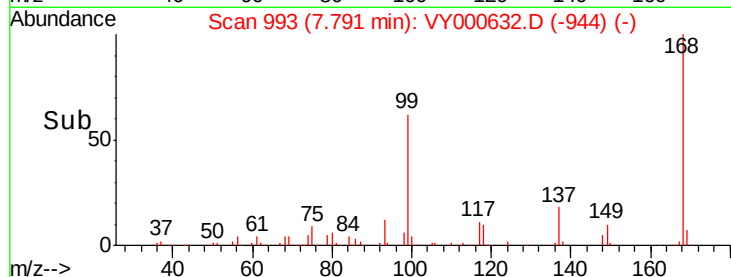
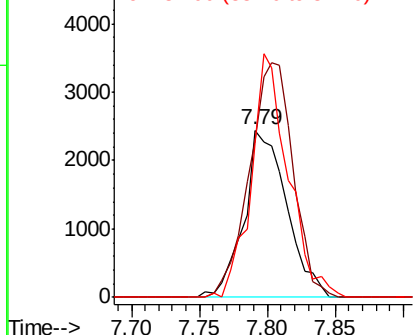
#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

Instrument :
MSVOA_Y
ClientSampled :
5-C

Tot Ion: 56 Resp: 5354
Ion Ratio Lower Upper
56 100
69 93.9 25.0 37.6#
84 92.1 71.4 107.2

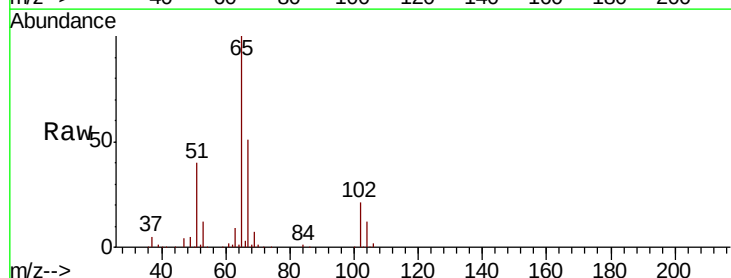


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

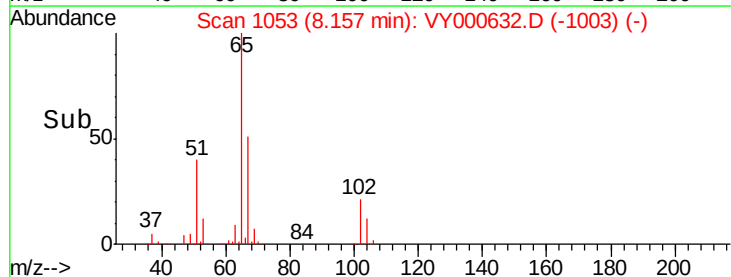
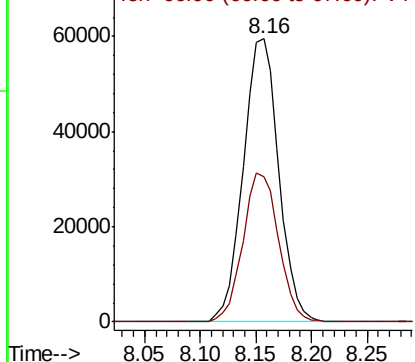


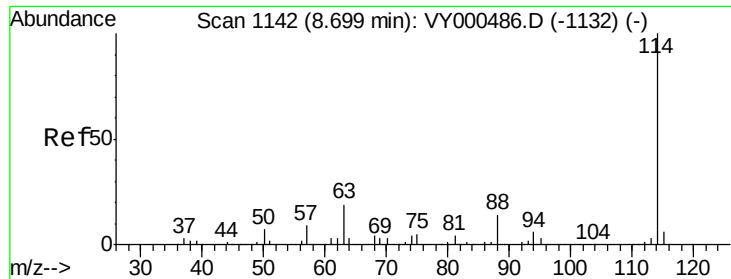
#33
1,2-Dichloroethane-d4
Concen: 60.611 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

Tgt Ion: 65 Resp: 131779
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2



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

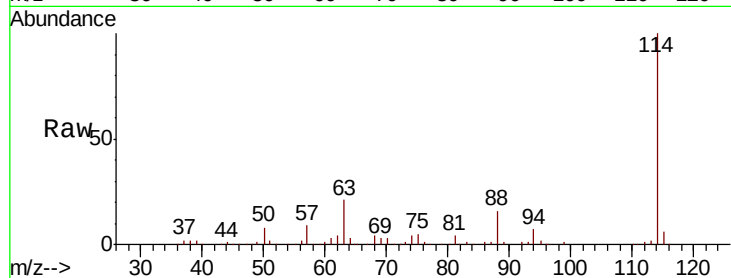




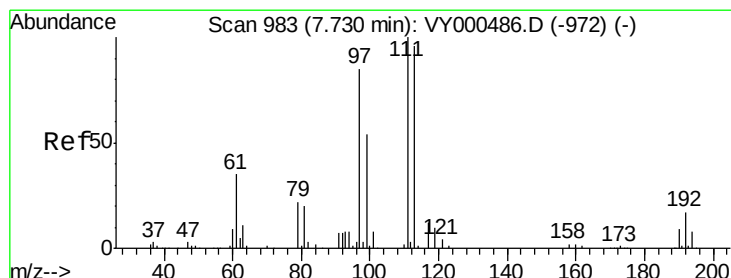
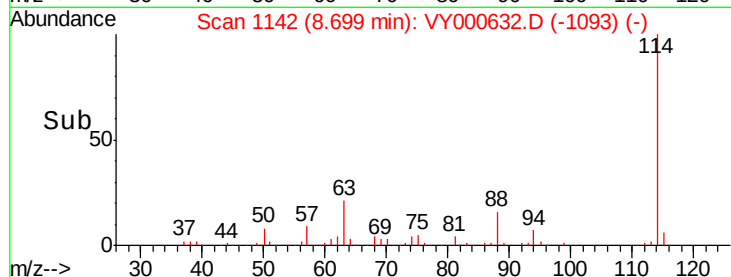
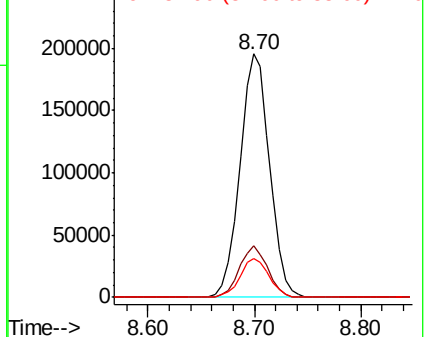
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

Instrument :
MSVOA_Y
ClientSampled :
5-C

Tot Ion:114 Resp: 380046
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.0
88 16.1 0.0 28.6

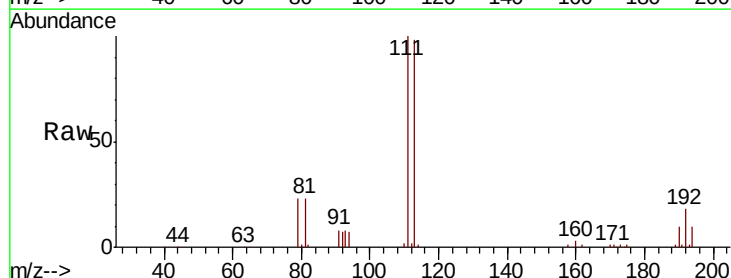


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

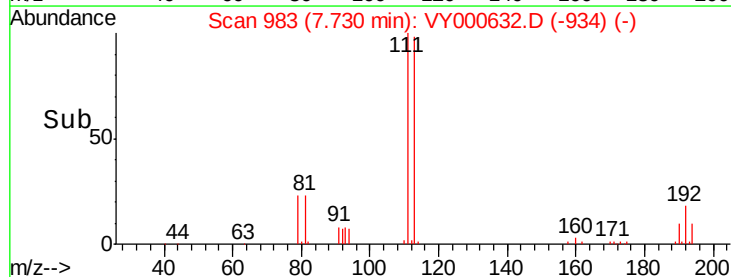
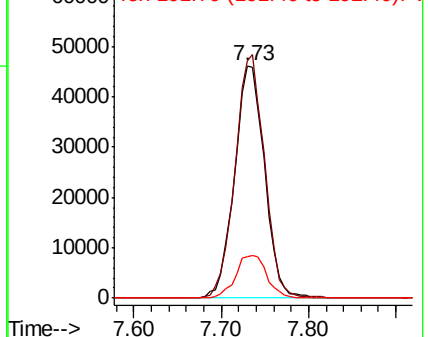


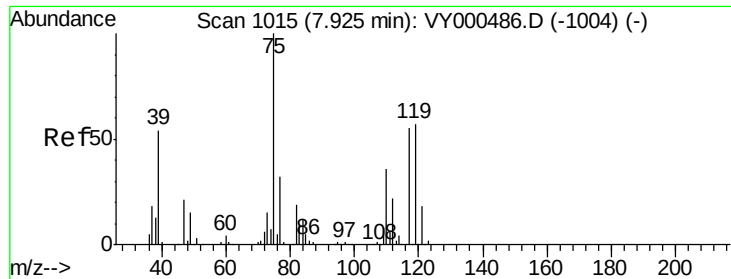
#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

Tgt Ion:113 Resp: 109990
Ion Ratio Lower Upper
113 100
111 103.2 81.7 122.5
192 19.1 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

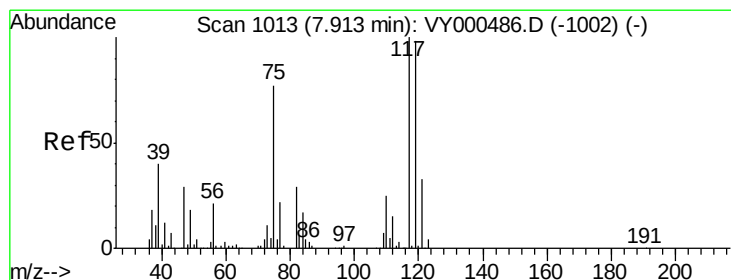
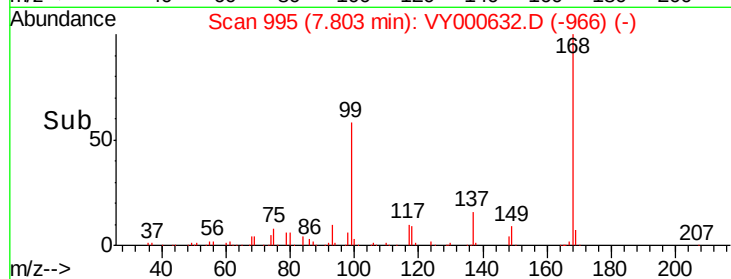
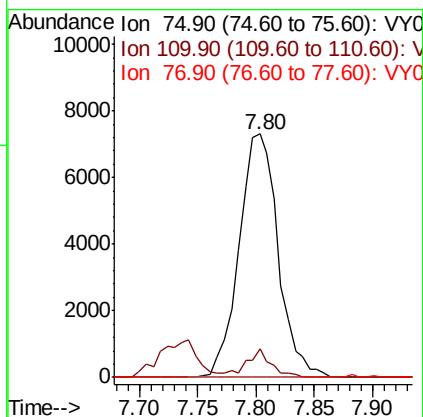
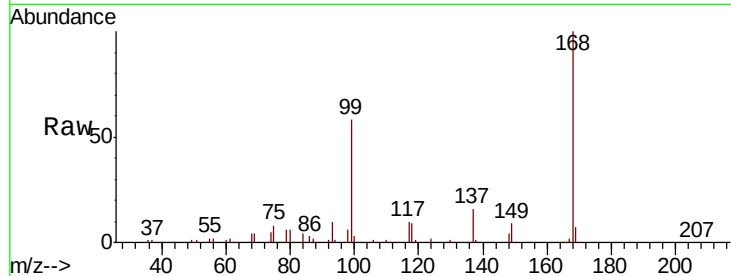




#36
 1,1-Dichloropropene
 Concen: 4.741 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000632.D
 Acq: 08 Nov 2019 20:45

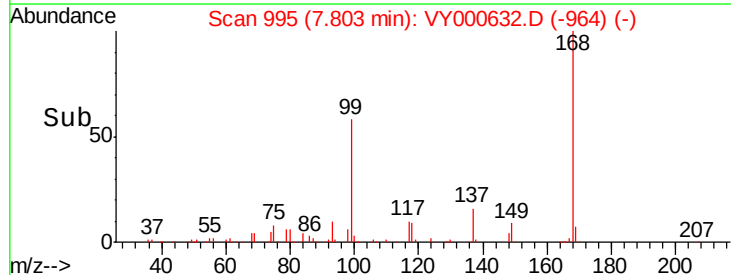
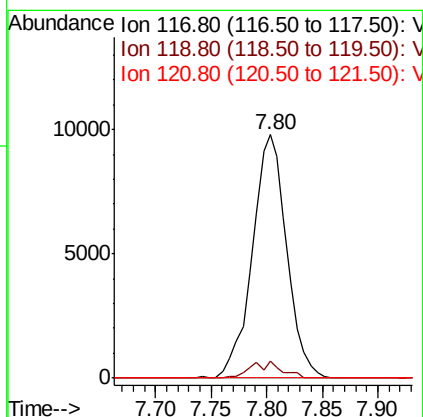
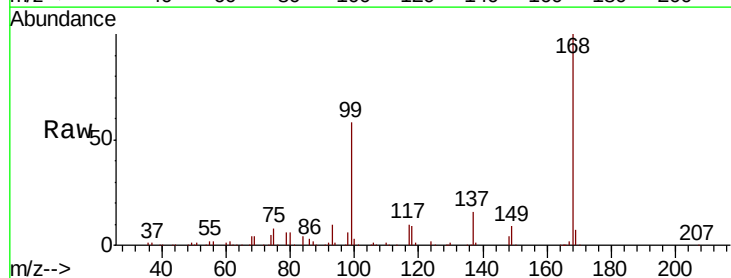
Instrument :
 MSVOA_Y
 ClientSampled :
 5-C

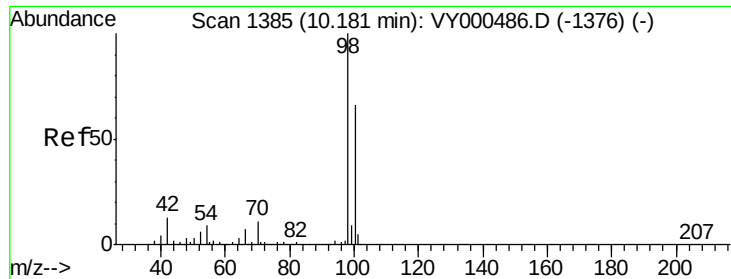
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.071 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000632.D
 Acq: 08 Nov 2019 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.9	78.0	117.0#
121	0.0	26.6	40.0#





#50

Toluene-d8

Concen: 53.410 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

Instrument :

MSVOA_Y

ClientSampleId :

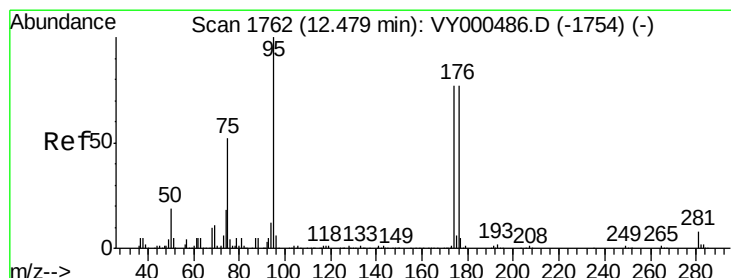
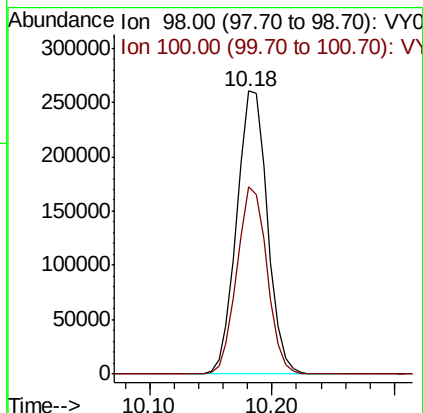
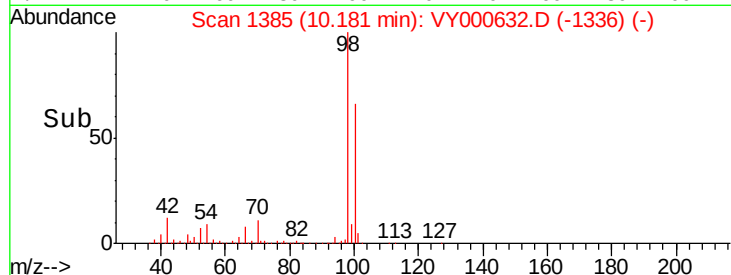
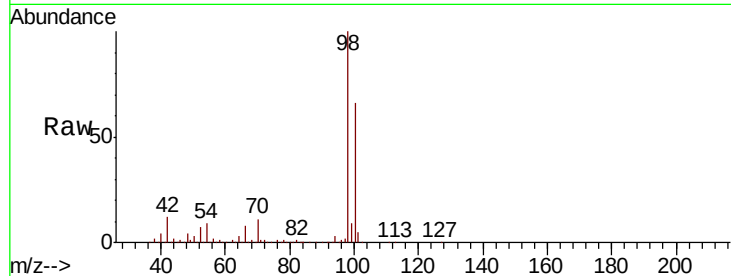
5-C

Tot Ion: 98 Resp: 452166

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.370 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

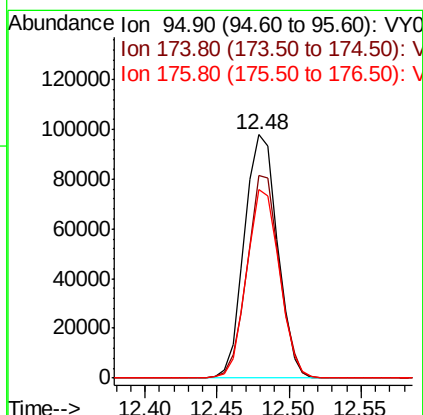
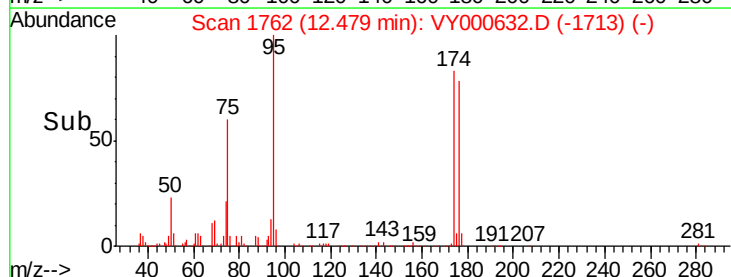
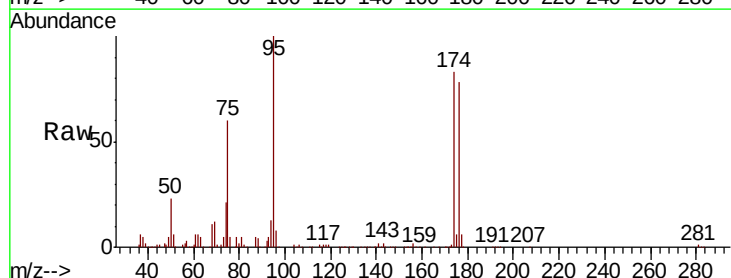
Tgt Ion: 95 Resp: 155893

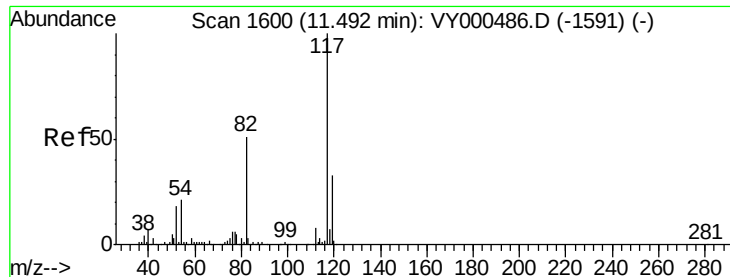
Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

176 76.7 0.0 157.8

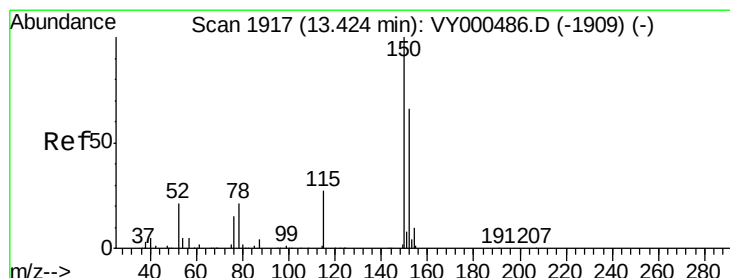
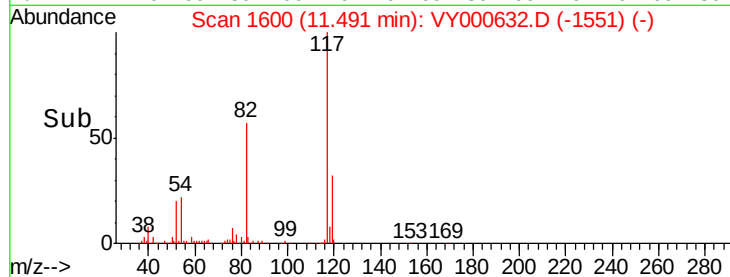
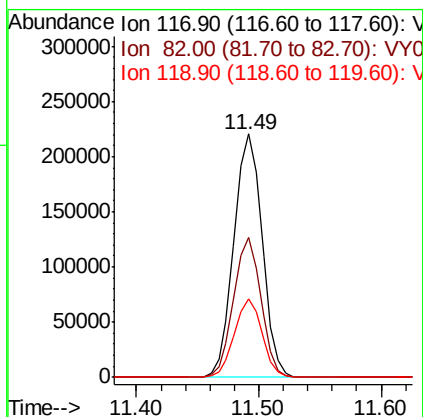
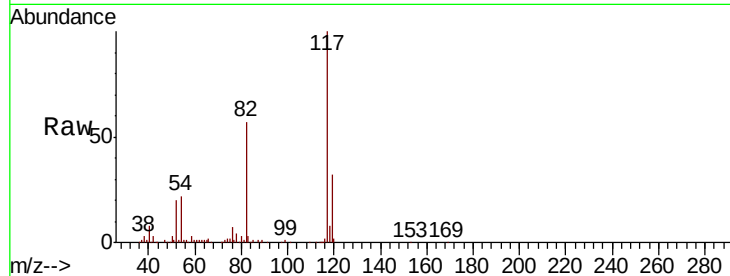




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

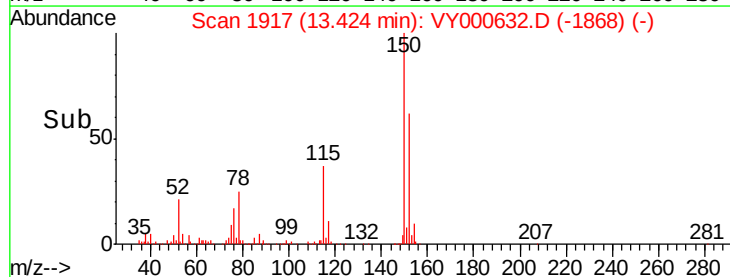
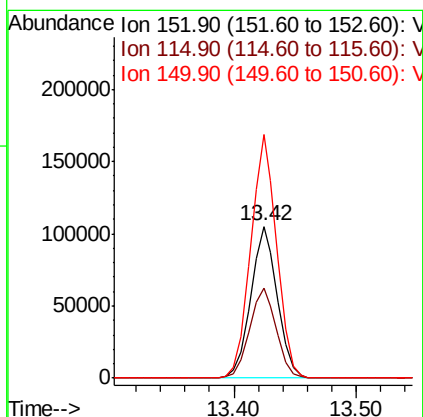
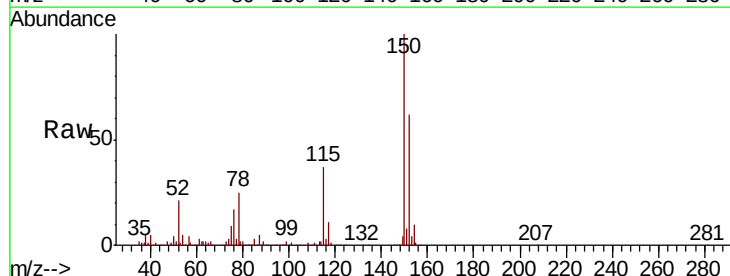
Instrument :
MSVOA_Y
ClientSampled :
5-C

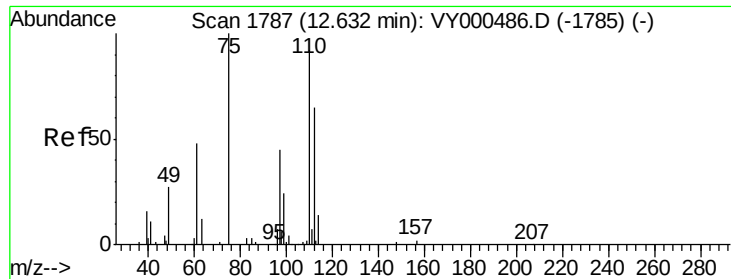
Tot Ion:117 Resp: 352405
Ion Ratio Lower Upper
117 100
82 57.4 40.8 61.2
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

Tgt Ion:152 Resp: 157994
Ion Ratio Lower Upper
152 100
115 59.6 29.1 87.4
150 157.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 47.847 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

Instrument :

MSVOA_Y

ClientSampleId :

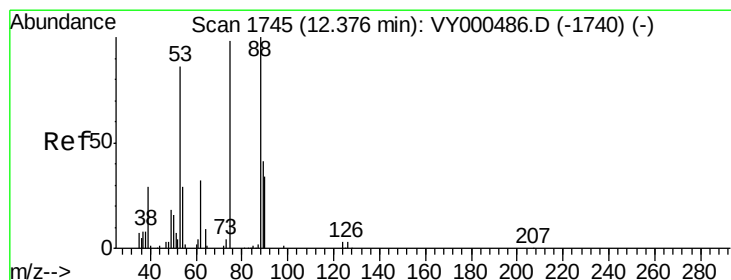
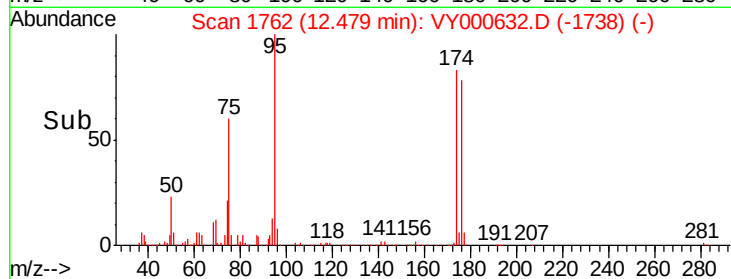
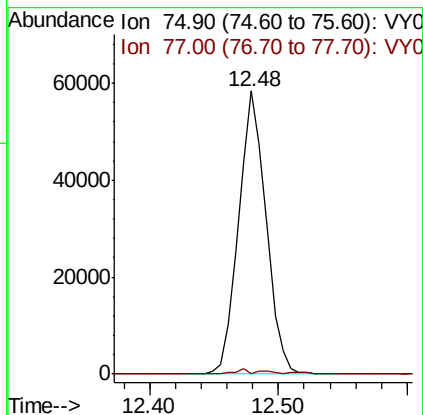
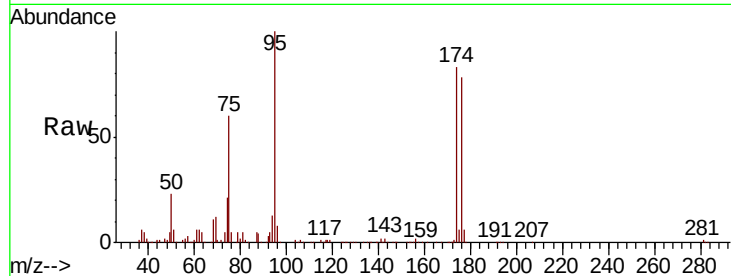
5-C

Tot Ion: 75 Resp: 86076

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.280 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

Tgt Ion: 75 Resp: 86076

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.2 35.9 53.9#

