

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000524.D
 Acq On : 01 Nov 2019 15:27
 Operator : SY/MD
 Sample : K5657-01
 Misc : 8.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:34:07 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	210134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	360820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	322489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	146687	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	116266	53.47	ug/l	0.00
Spiked Amount				50.000		
Recovery						106.94%
35) Dibromofluoromethane	7.72	113	105681	49.89	ug/l	0.00
Spiked Amount				50.000		
Recovery						99.78%
50) Toluene-d8	10.18	98	418733	52.10	ug/l	0.00
Spiked Amount				50.000		
Recovery						104.20%
62) 4-Bromofluorobenzene	12.48	95	140970	46.07	ug/l	0.00
Spiked Amount				50.000		
Recovery						92.14%

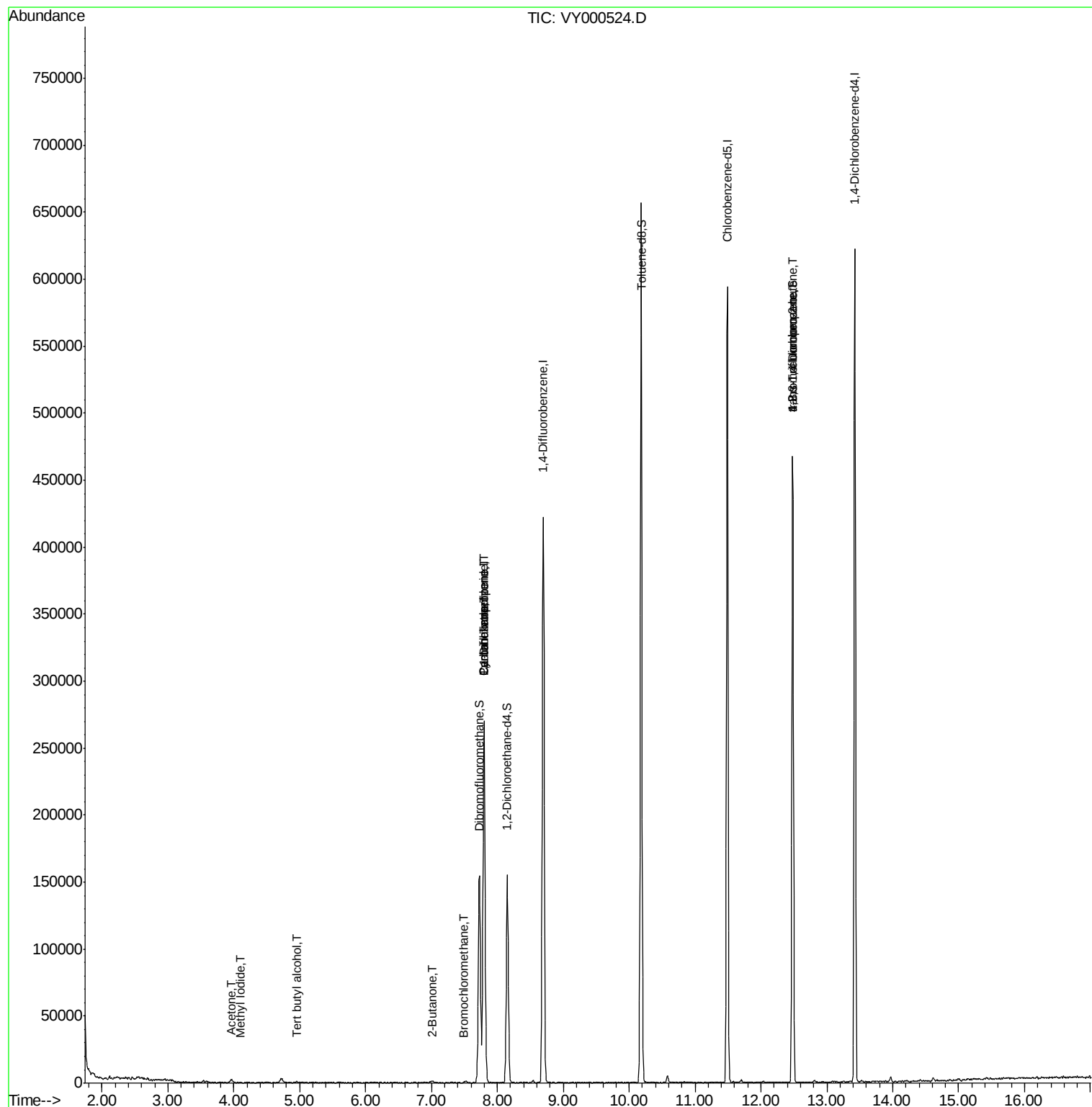
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	129	3.242	ug/l #	48
11) Tert butyl alcohol	4.95	59	289	1.365	ug/l #	72
16) Acetone	3.96	43	4506	7.518	ug/l	93
25) 2-Butanone	7.00	43	1225	1.281	ug/l	95
28) Bromochloromethane	7.49	49	65	4.125	ug/l #	14
31) Cyclohexane	7.79	56	4558	1.083	ug/l #	5
36) 1,1-Dichloropropene	7.80	75	16982	4.979	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20361	6.204	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	73985	44.296	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	73985	99.318	ug/l #	13

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
Data File : VY000524.D
Acq On : 01 Nov 2019 15:27
Operator : SY/MD
Sample : K5657-01
Misc : 8.24G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 01 23:34:07 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# 994

Delta R.T. -0.01 min

Lab File: VY000524.D

Acq: 01 Nov 2019 15:27

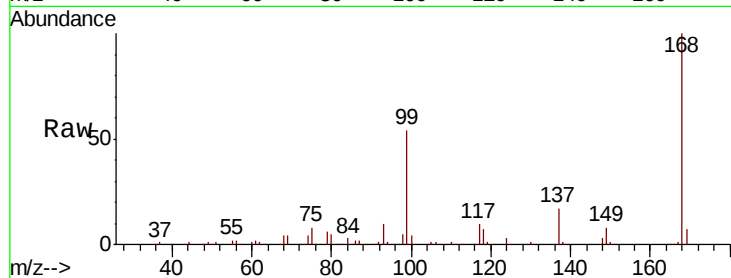
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 210134

Ion Ratio Lower Upper

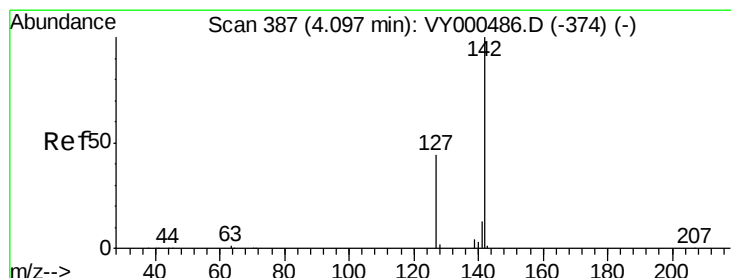
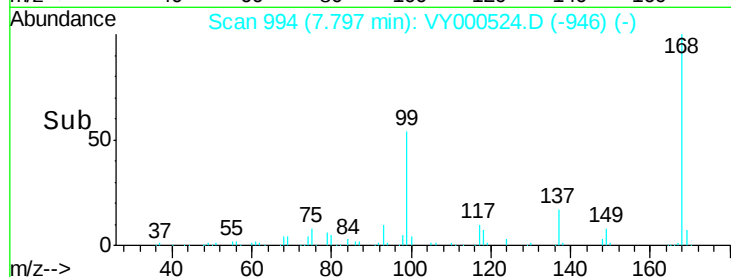
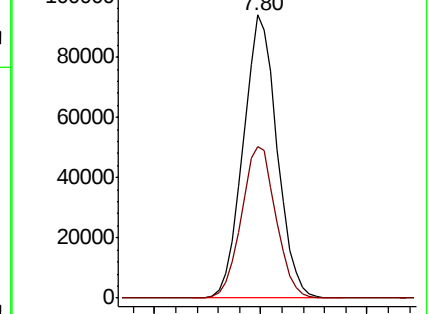
168 100

99 53.7 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: 3.242 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000524.D

Acq: 01 Nov 2019 15:27

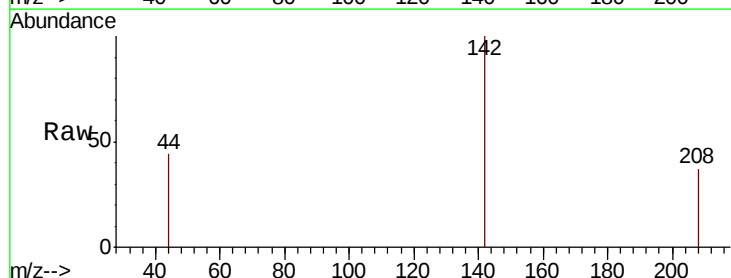
Tgt Ion:142 Resp: 129

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

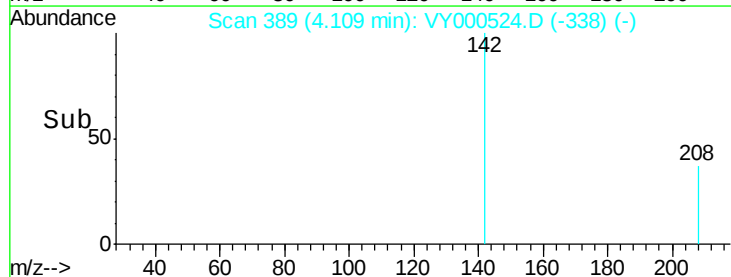
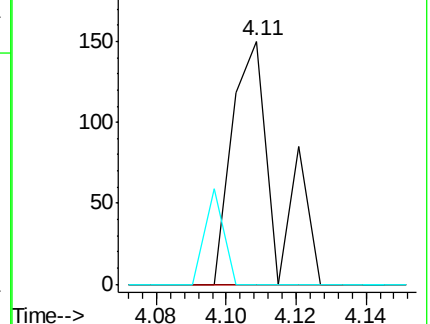
141 17.1 10.9 16.3#



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



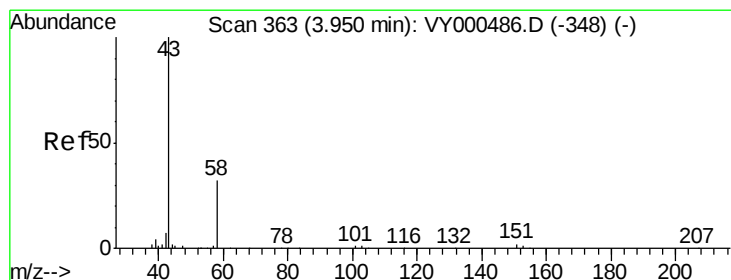
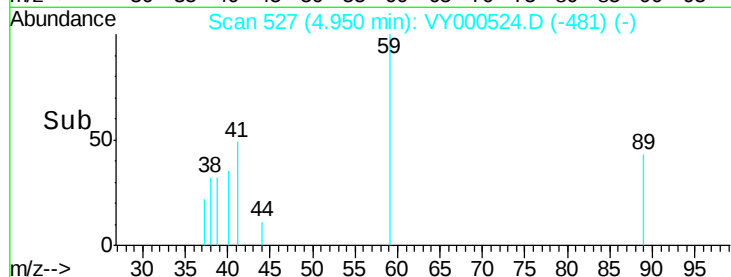
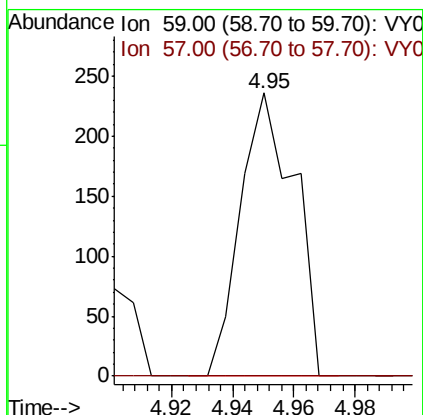
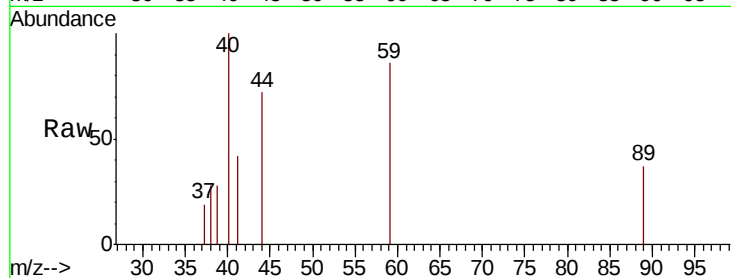


#11

Tert butyl alcohol
 Concen: 1.365 ug/l
 RT: 4.95 min Scan# 527
 Delta R.T. -0.02 min
 Lab File: VY000524.D
 Acq: 01 Nov 2019 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :

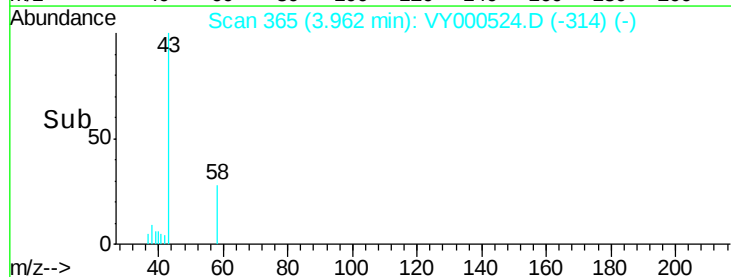
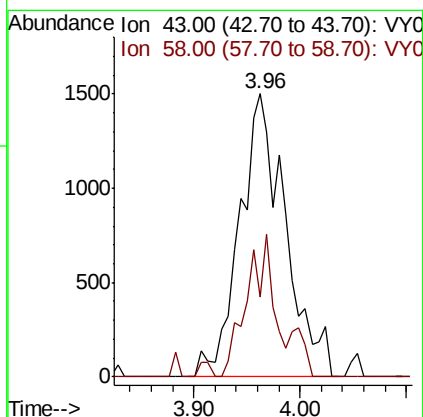
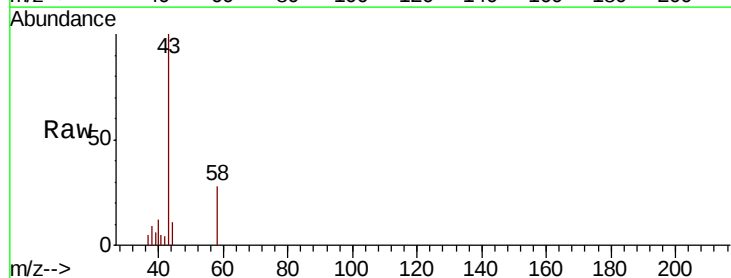
Tot Ion: 59 Resp: 289
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

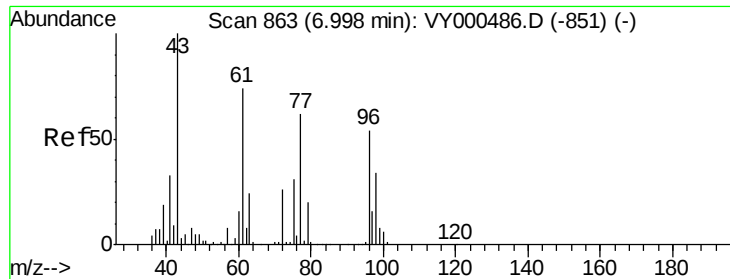


#16

Acetone
 Concen: 7.518 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000524.D
 Acq: 01 Nov 2019 15:27

Tgt Ion: 43 Resp: 4506
 Ion Ratio Lower Upper
 43 100
 58 28.3 25.8 38.6

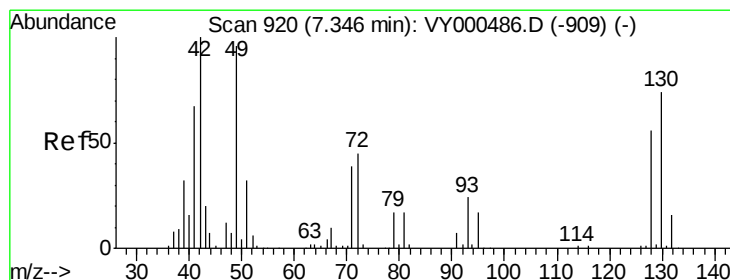
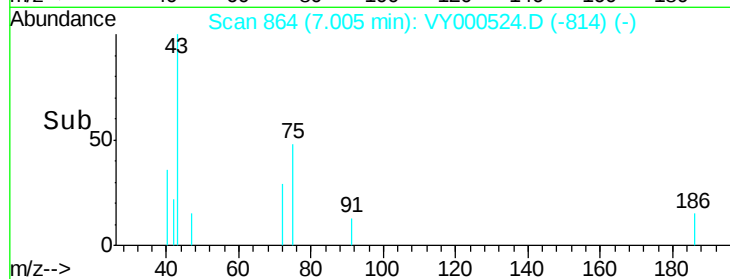
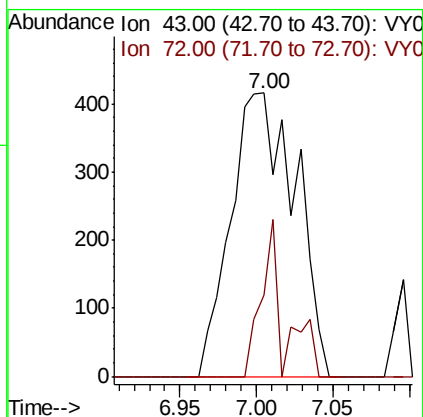
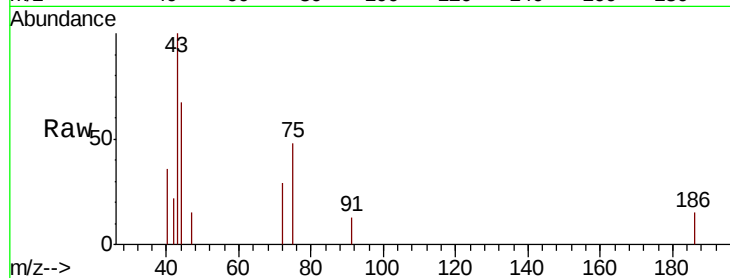




#25
2-Butanone
Concen: 1.281 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000524.D
Acq: 01 Nov 2019 15:27

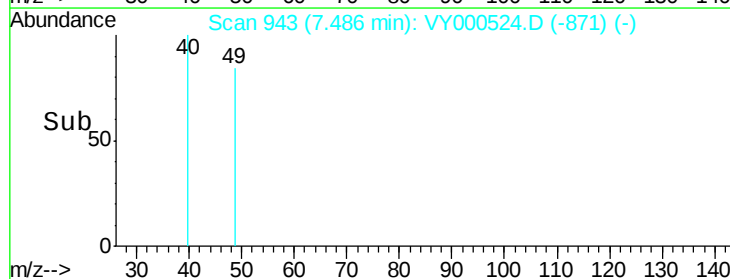
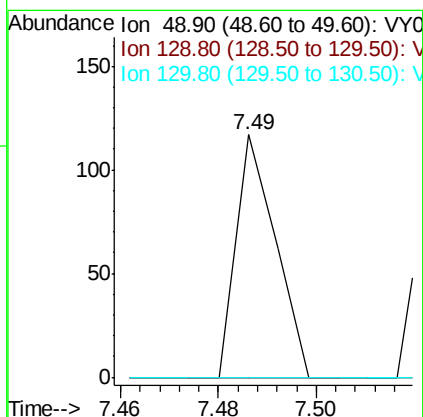
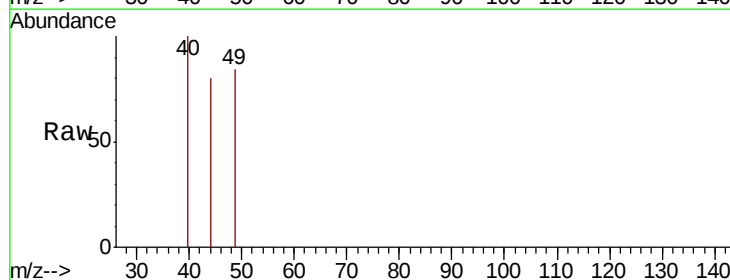
Instrument :
MSVOA_Y
ClientSampled :

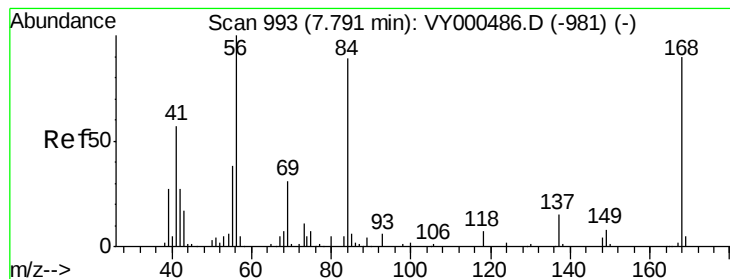
Tot Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
72 28.6 20.9 31.3



#28
Bromochloromethane
Concen: 4.125 ug/l
RT: 7.49 min Scan# 943
Delta R.T. 0.14 min
Lab File: VY000524.D
Acq: 01 Nov 2019 15:27

Tgt Ion: 49 Resp: 65
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#





#31

Cyclohexane

Concen: 1.083 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

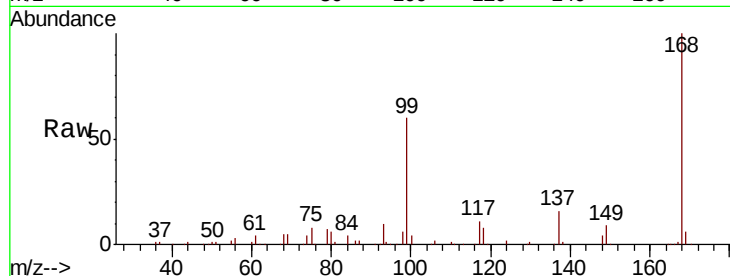
Lab File: VY000524.D

Acq: 01 Nov 2019 15:27

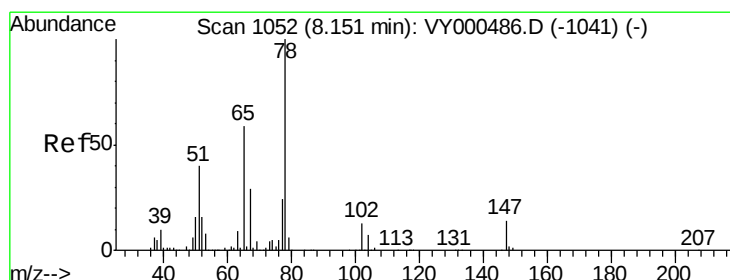
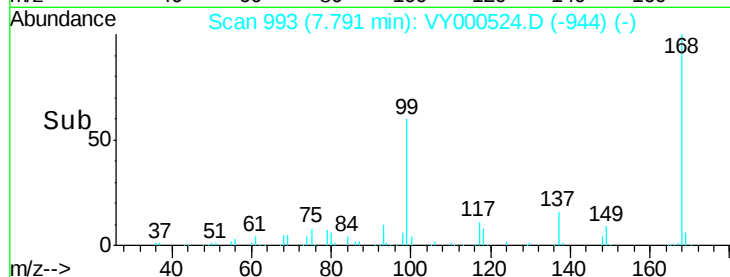
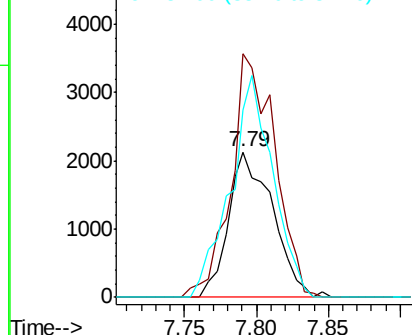
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 4558

Ion	Ratio	Lower	Upper
56	100		
69	167.2	25.0	37.6#
84	128.6	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: 53.465 ug/l

RT: 8.15 min Scan# 1052

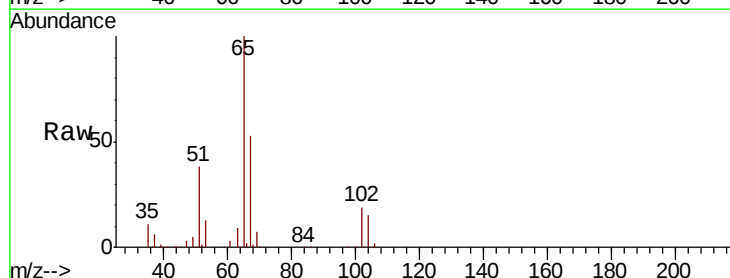
Delta R.T. -0.00 min

Lab File: VY000524.D

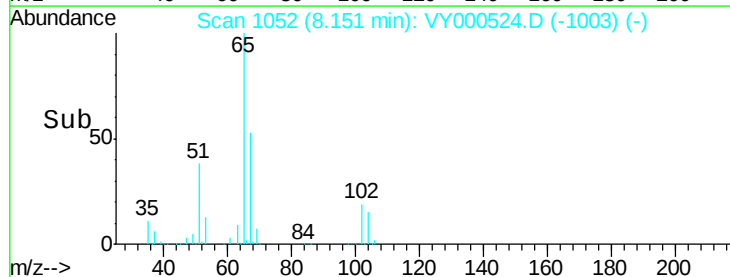
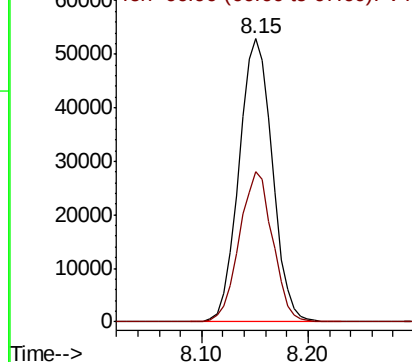
Acq: 01 Nov 2019 15:27

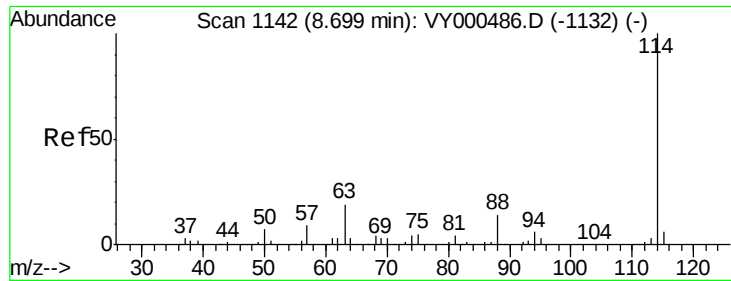
Tgt Ion: 65 Resp: 116266

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.2



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

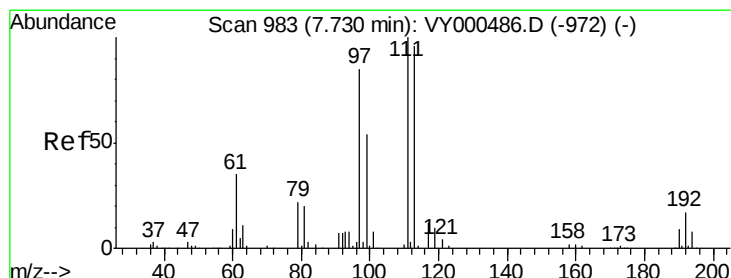
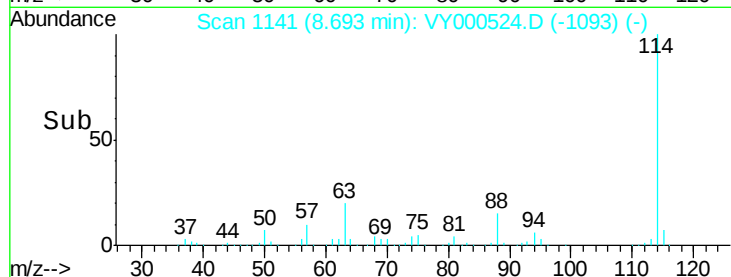
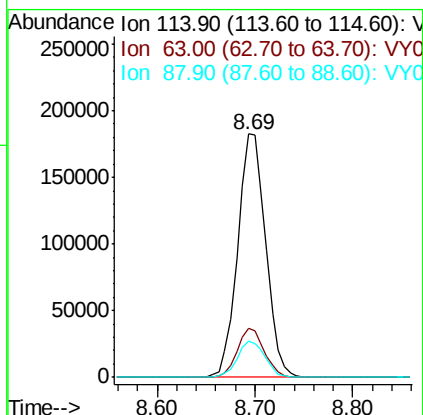
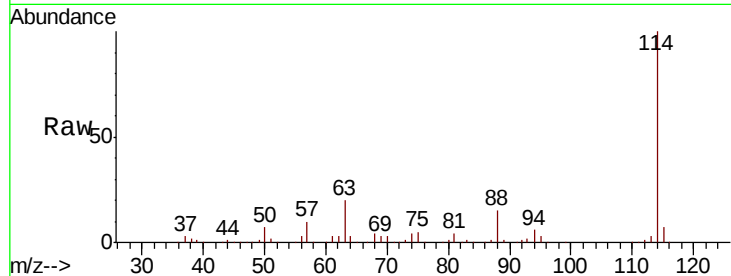




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000524.D
 Acq: 01 Nov 2019 15:27

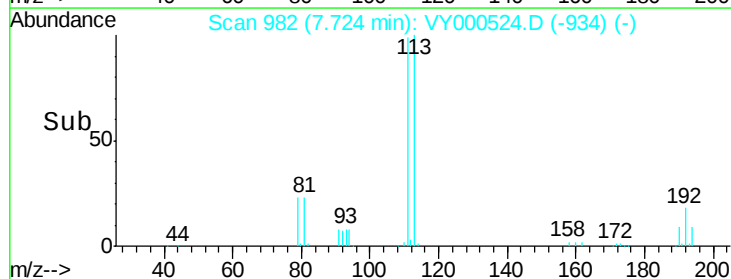
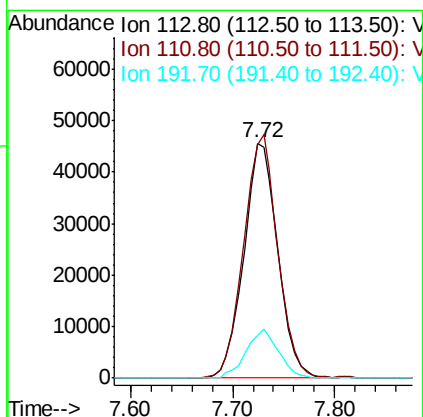
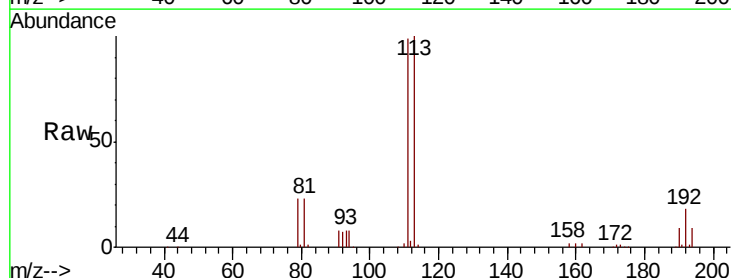
Instrument :
 MSVOA_Y
 ClientSampleId :

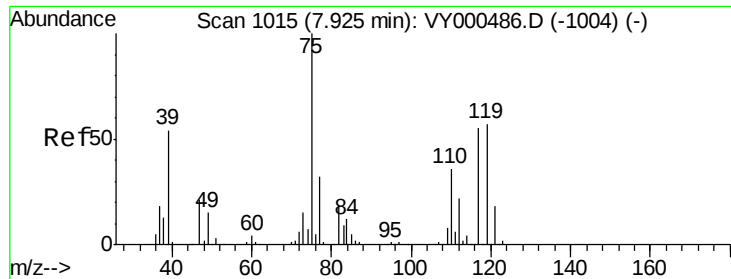
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.0
88	14.9	0.0	28.6



#35
 Dibromofluoromethane
 Concen: 49.891 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000524.D
 Acq: 01 Nov 2019 15:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	19.9	15.0	22.4

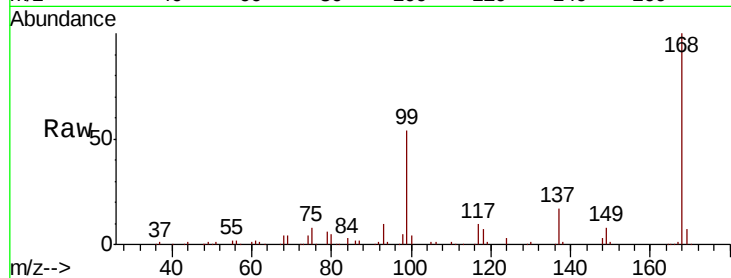




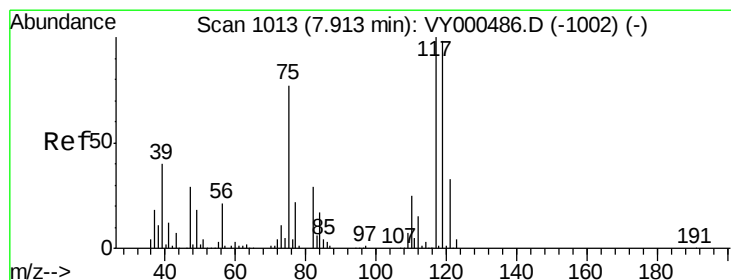
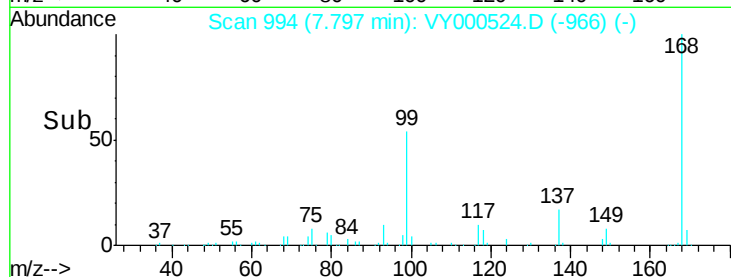
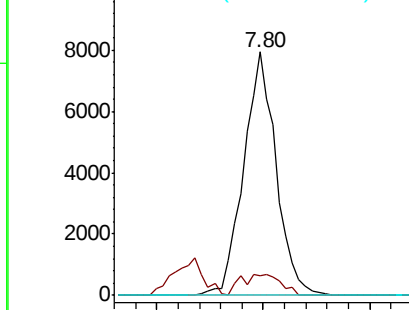
#36
 1,1-Dichloropropene
 Concen: 4.979 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000524.D
 Acq: 01 Nov 2019 15:27

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	75	Resp	16982
Ion Ratio	Lower	Upper	
75	100		
110	10.6	18.1	54.1#
77	0.0	25.0	37.6#

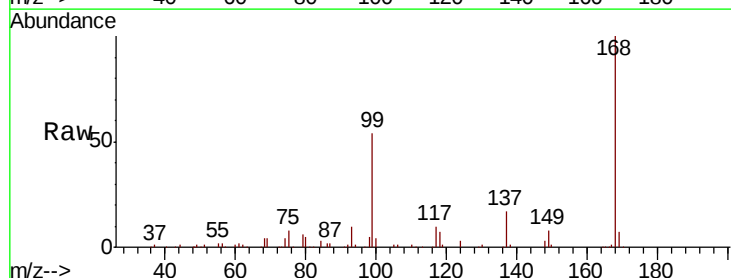


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

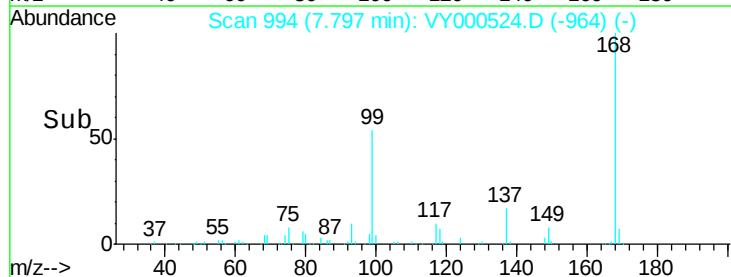
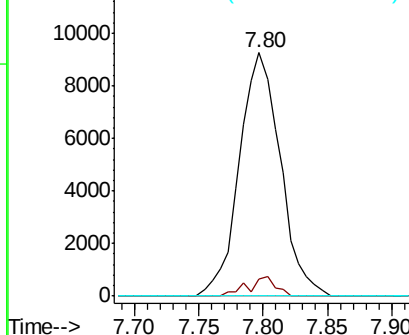


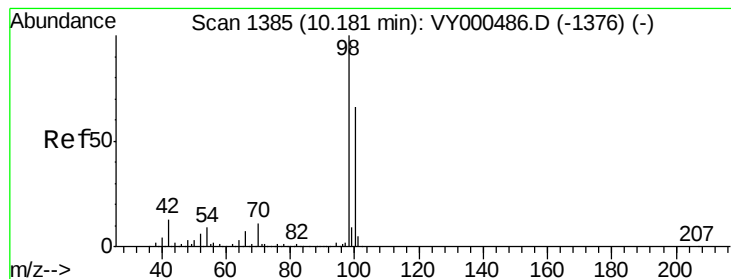
#38
 Carbon Tetrachloride
 Concen: 6.204 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000524.D
 Acq: 01 Nov 2019 15:27

Tgt Ion	117	Resp	20361
Ion Ratio	Lower	Upper	
117	100		
119	6.8	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: 52.097 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000524.D

Acq: 01 Nov 2019 15:27

Instrument :

MSVOA_Y

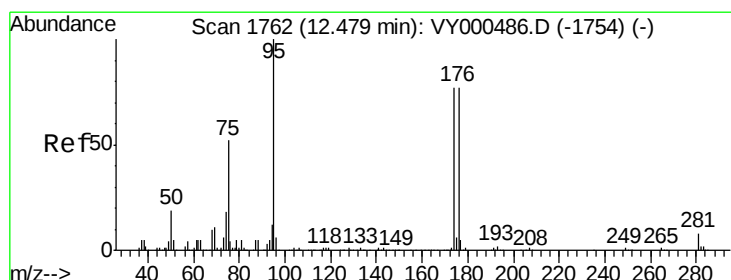
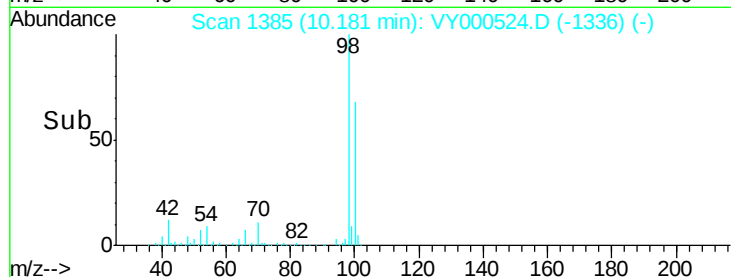
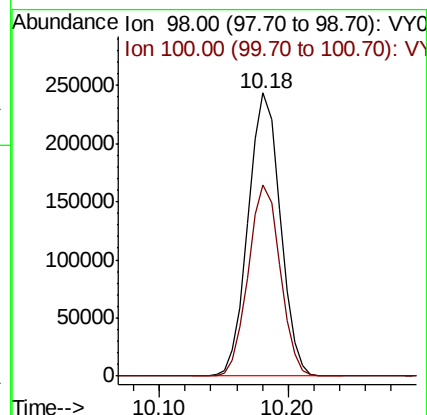
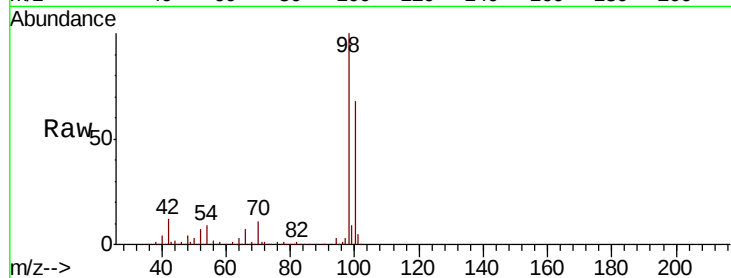
ClientSampled :

Tot Ion: 98 Resp: 418733

Ion Ratio Lower Upper

98 100

100 67.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.070 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000524.D

Acq: 01 Nov 2019 15:27

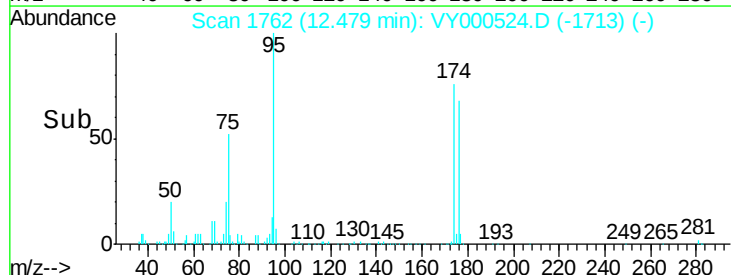
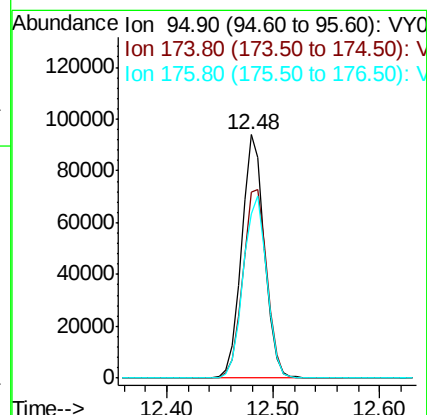
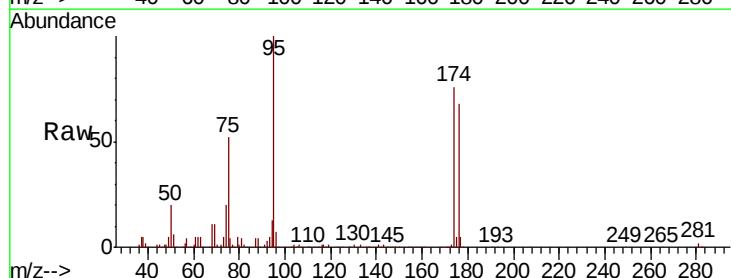
Tgt Ion: 95 Resp: 140970

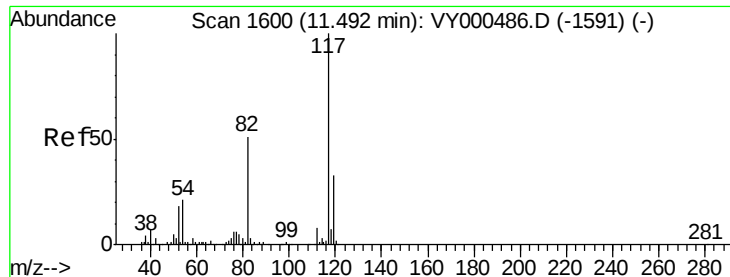
Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.6

176 77.3 0.0 157.8

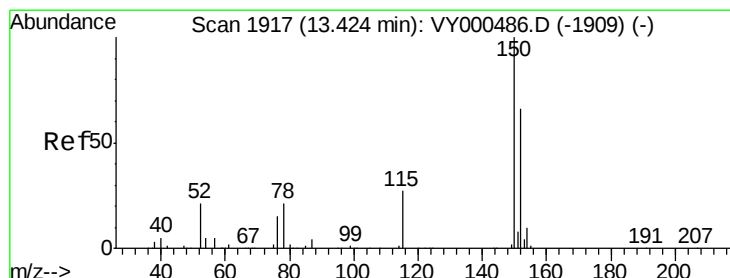
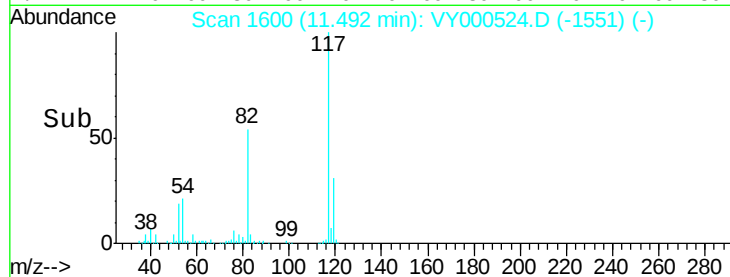
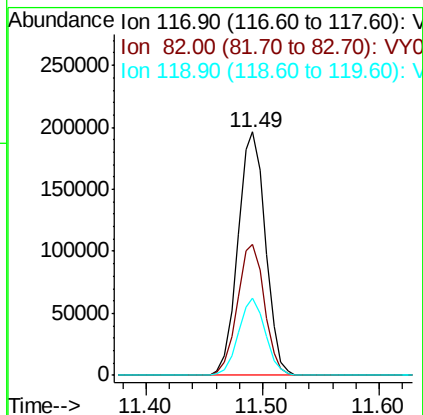
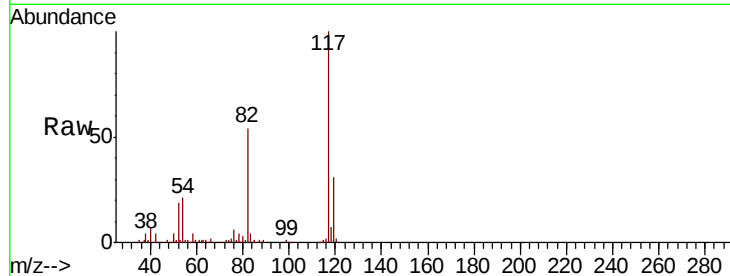




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000524.D
Acq: 01 Nov 2019 15:27

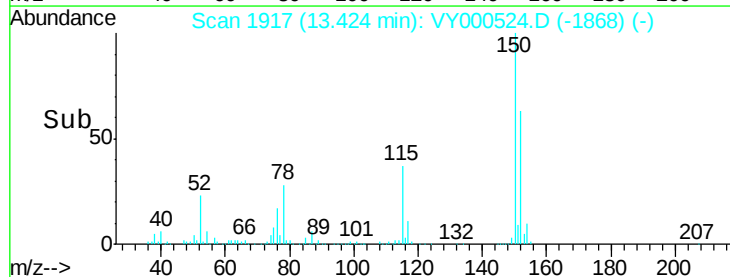
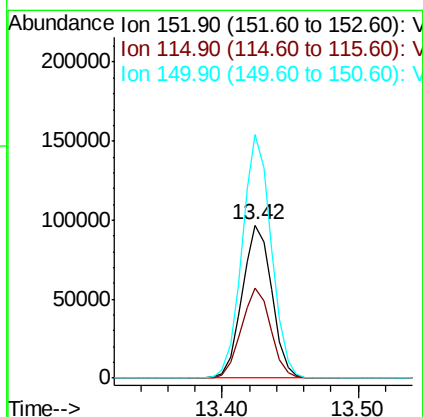
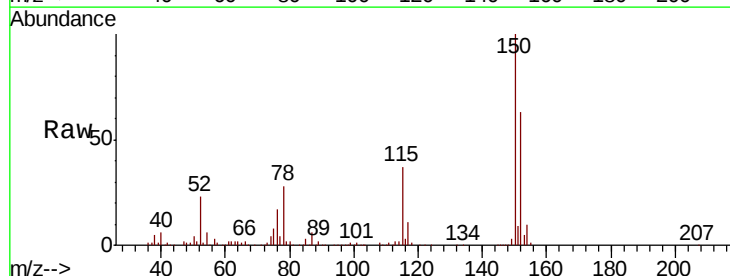
Instrument :
MSVOA_Y
ClientSampleId :

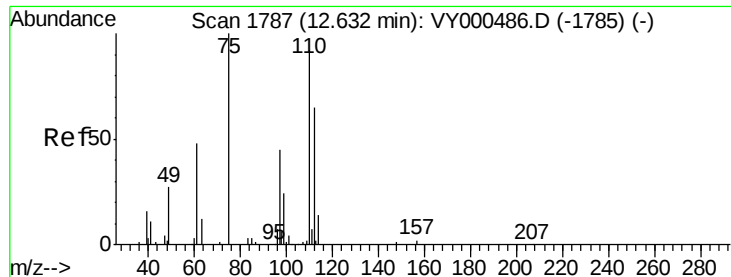
Tot Ion:117 Resp: 322489
Ion Ratio Lower Upper
117 100
82 53.6 40.8 61.2
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000524.D
Acq: 01 Nov 2019 15:27

Tgt Ion:152 Resp: 146687
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 156.4 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 44.296 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000524.D

Acq: 01 Nov 2019 15:27

Instrument :

MSVOA_Y

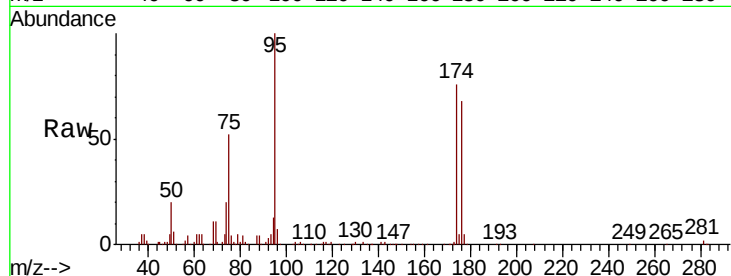
ClientSampled :

Tot Ion: 75 Resp: 73985

Ion Ratio Lower Upper

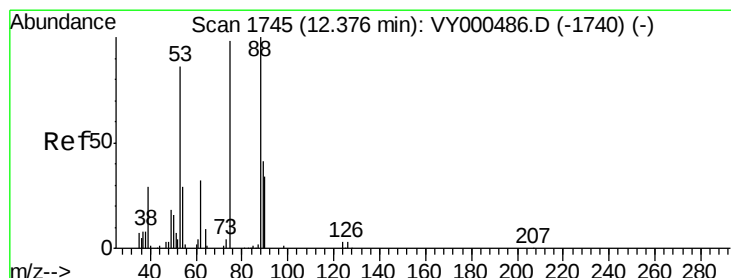
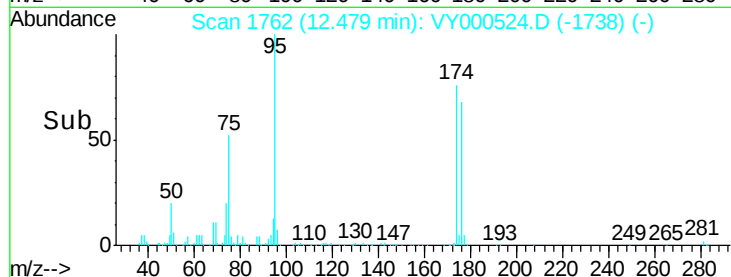
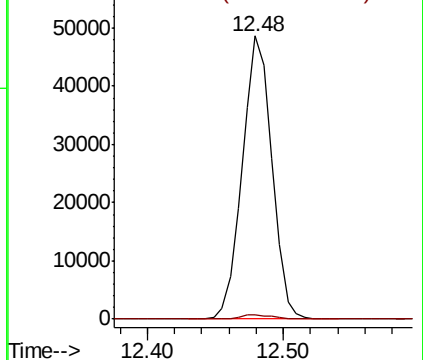
75 100

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: 99.318 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000524.D

Acq: 01 Nov 2019 15:27

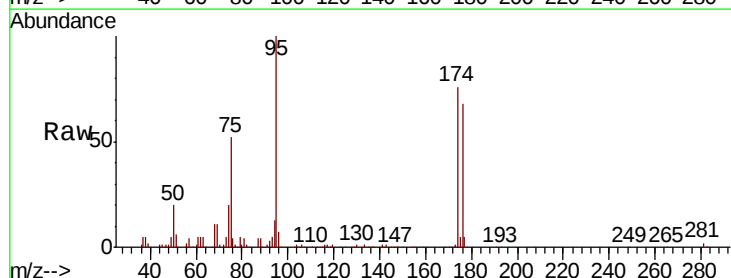
Tgt Ion: 75 Resp: 73985

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.4 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

