

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000564.D
 Acq On : 06 Nov 2019 19:58
 Operator : SY/MD
 Sample : K5723-05
 Misc : 7.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:59:27 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	218011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	398841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	346853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	144333	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	140112	62.10	ug/l	0.00
Spiked Amount			Recovery	=	124.20%	
35) Dibromofluoromethane	7.73	113	119938	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	10.18	98	473890	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.48	95	150540	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	

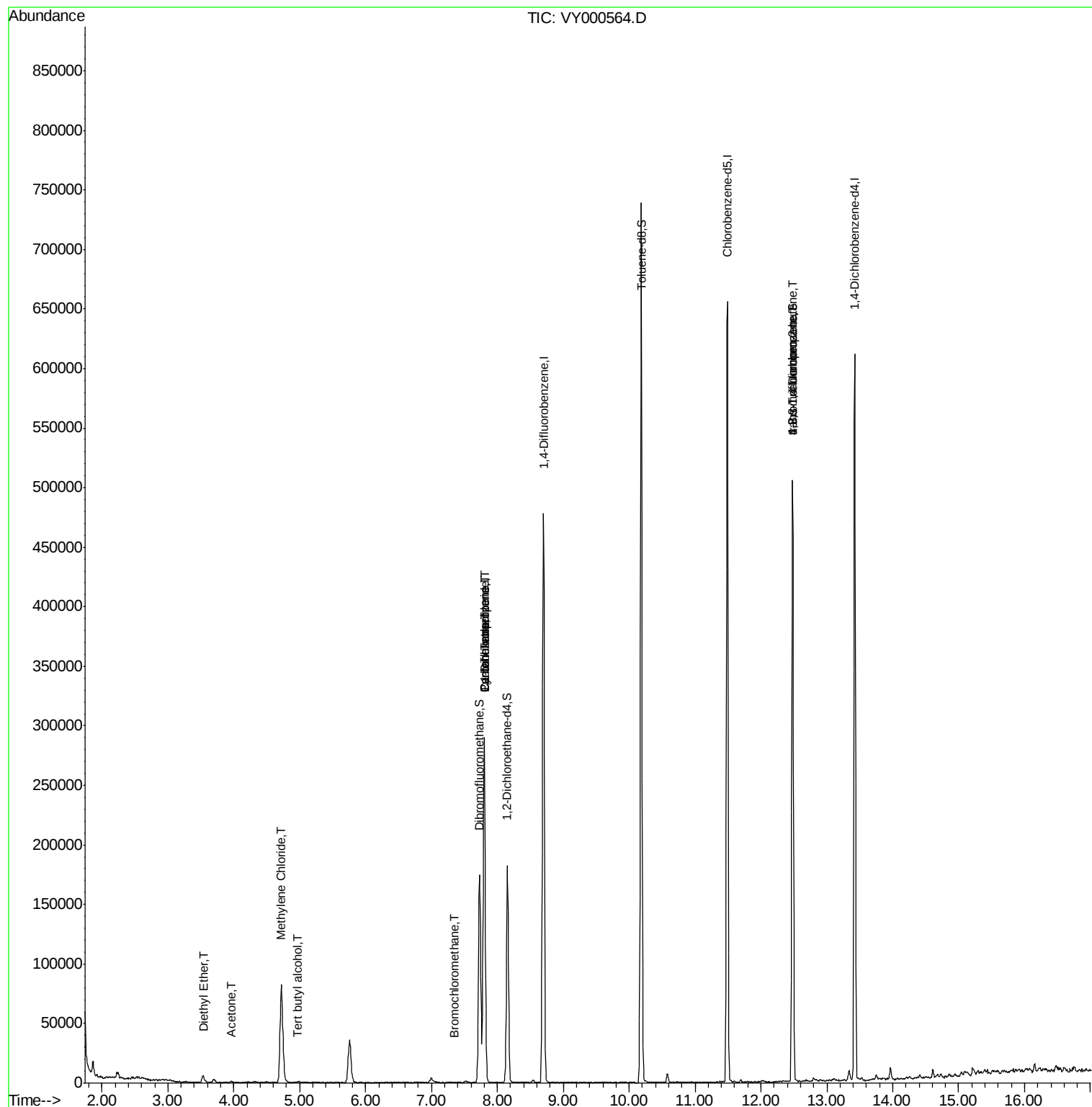
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	3689	2.800	ug/l	88
11) Tert butyl alcohol	4.97	59	1136	5.173	ug/l #	72
16) Acetone	3.96	43	1900	3.056	ug/l #	82
20) Methylene Chloride	4.72	84	56645	21.260	ug/l	97
28) Bromochloromethane	7.35	49	25	4.105	ug/l #	14
31) Cyclohexane	7.80	56	5802	1.329	ug/l #	39
36) 1,1-Dichloropropene	7.80	75	17372	4.607	ug/l #	50
38) Carbon Tetrachloride	7.80	117	22117	6.096	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	82053	49.928	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	82053	111.945	ug/l #	13

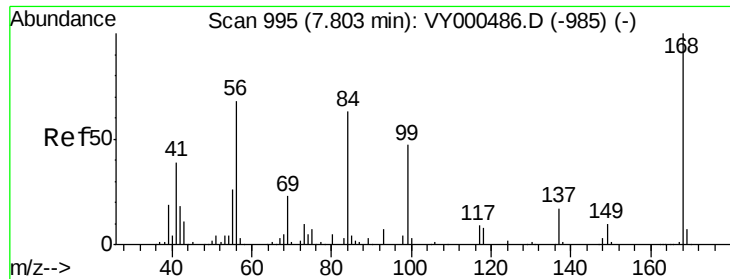
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
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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: VY000564.D

Acq: 06 Nov 2019 19:58

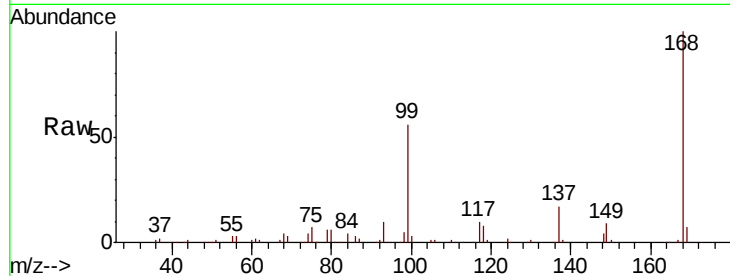
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 218011

Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

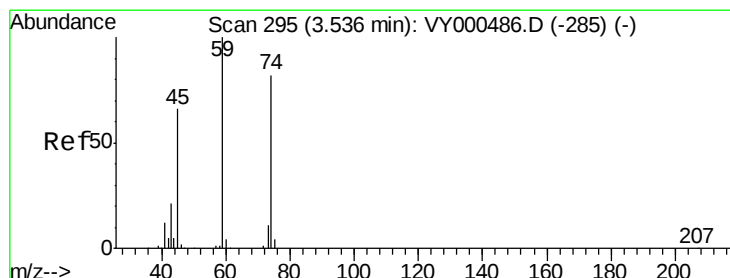
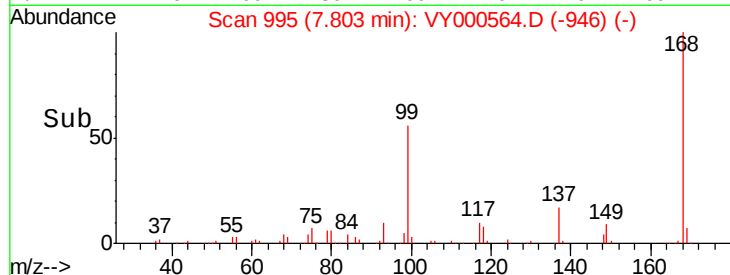
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.800 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY000564.D

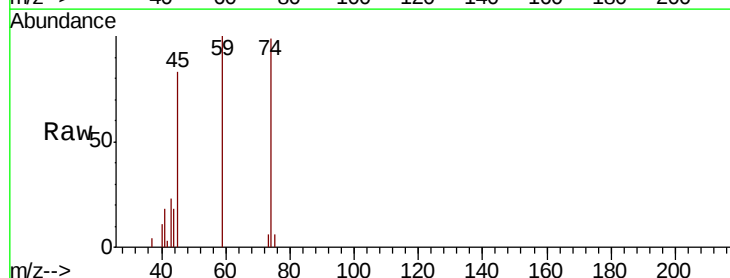
Acq: 06 Nov 2019 19:58

Tgt Ion: 74 Resp: 3689

Ion Ratio Lower Upper

74 100

45 102.7 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) (-)

3.54

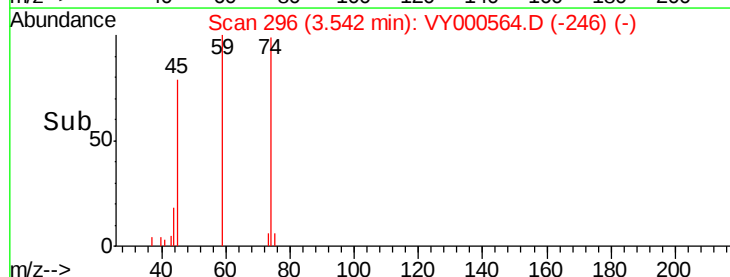
1500

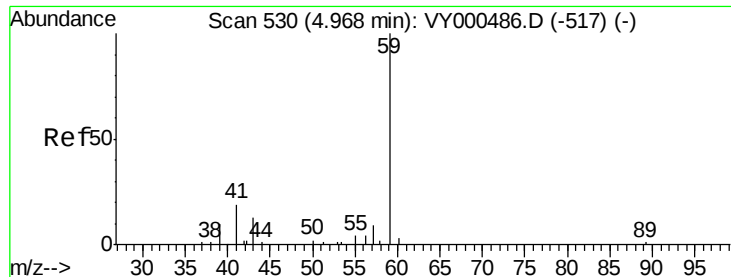
1000

500

0

Time-->

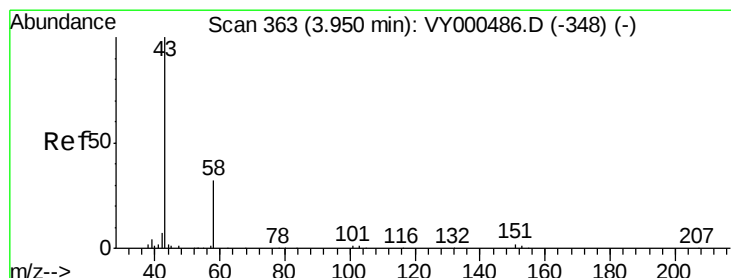
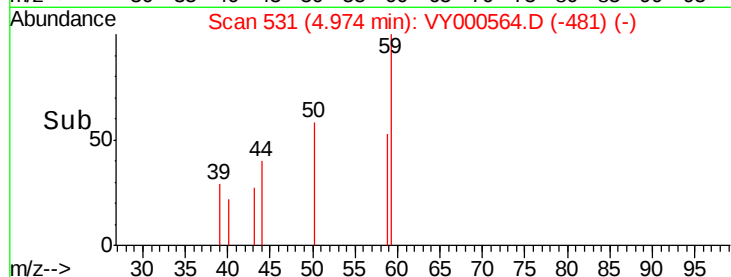
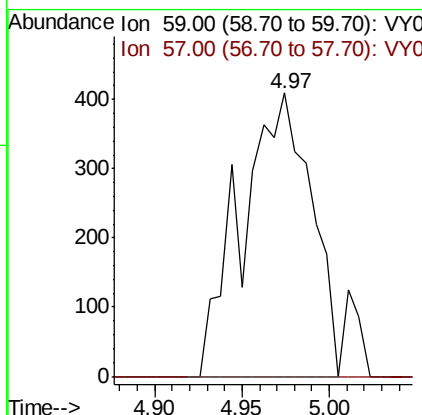
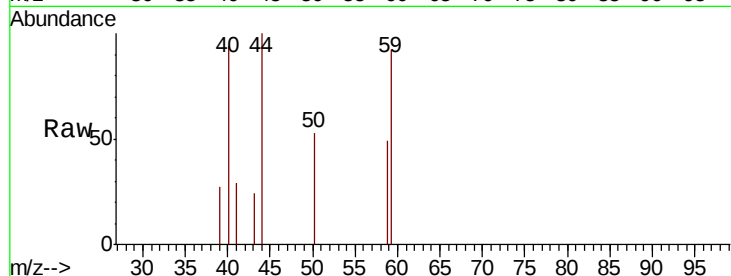




#11
Tert butyl alcohol
Concen: 5.173 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000564.D
Acq: 06 Nov 2019 19:58

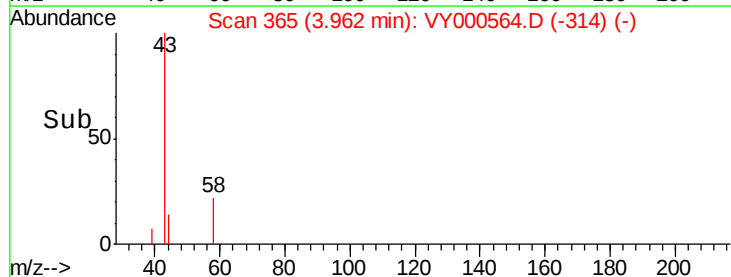
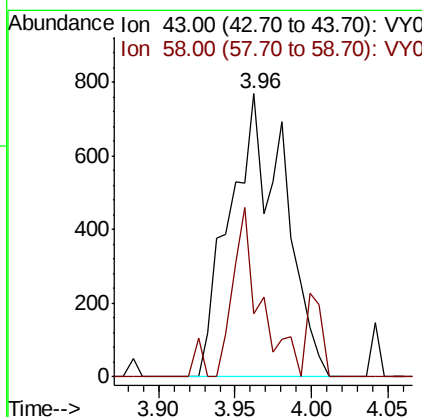
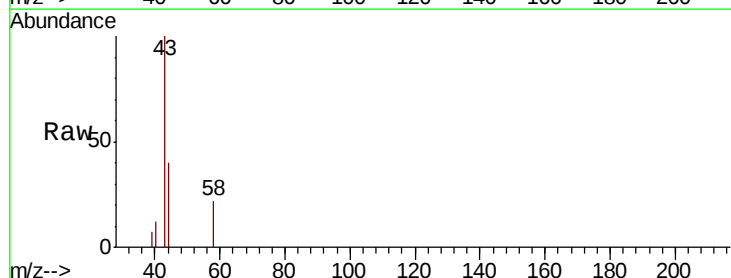
Instrument :
MSVOA_Y
ClientSampled :

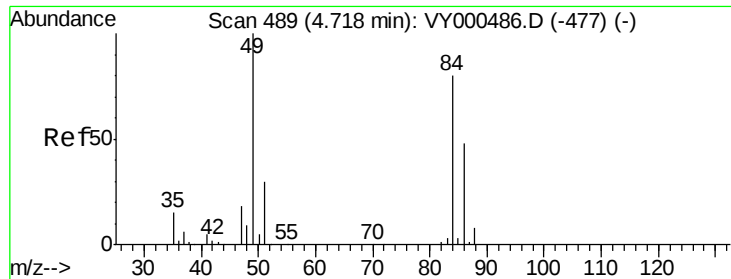
Tot Ion: 59 Resp: 1136
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 3.056 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000564.D
Acq: 06 Nov 2019 19:58

Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
58 22.4 25.8 38.6#

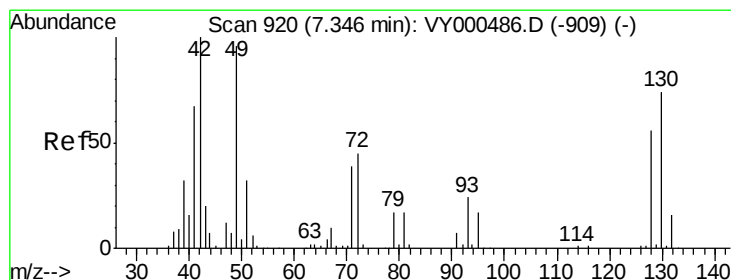
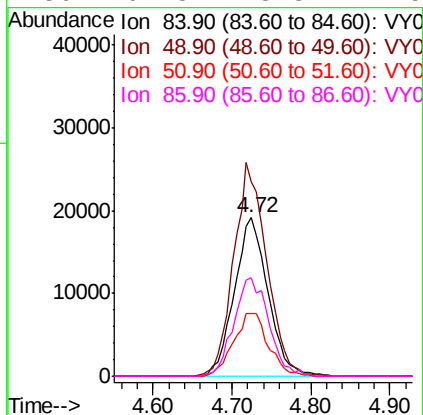
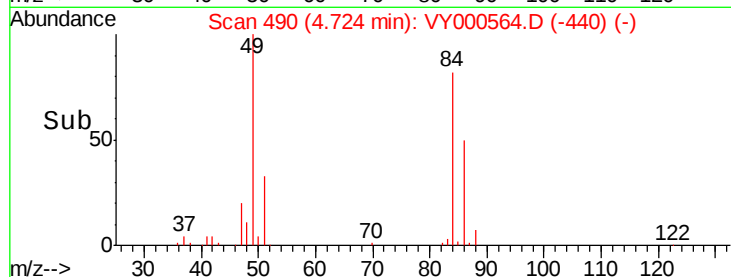
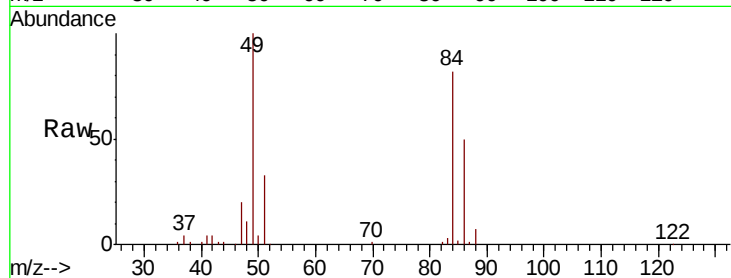




#20
Methvlene Chloride
Concen: 21.260 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000564.D
Acq: 06 Nov 2019 19:58

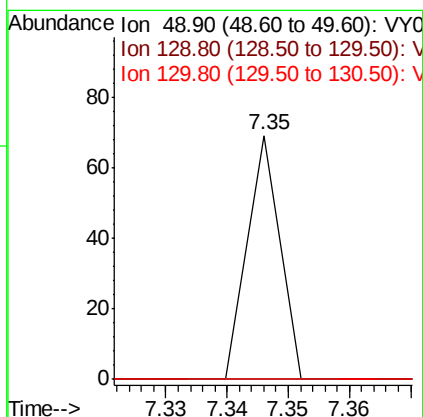
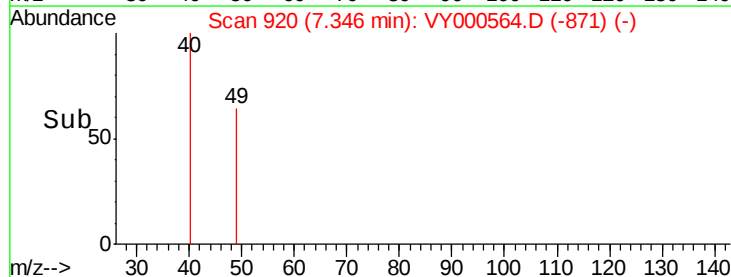
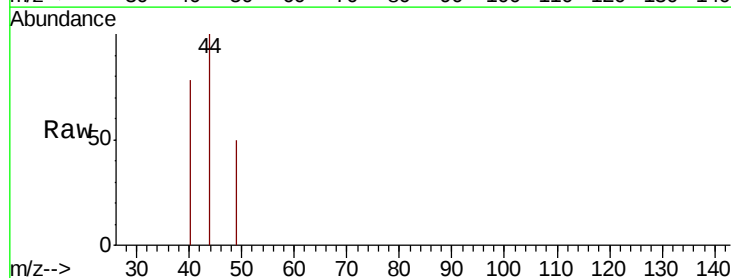
Instrument :
MSVOA_Y
ClientSampleId :

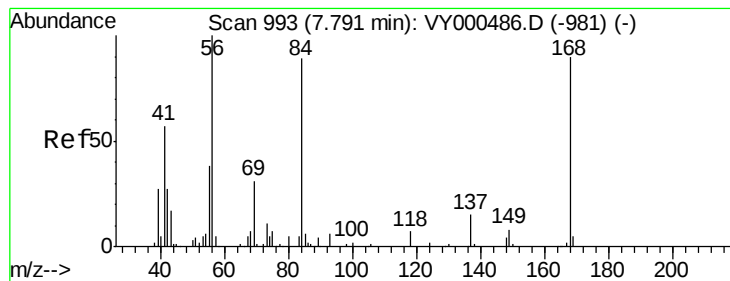
Tot Ion: 84 Resp: 56645
Ion Ratio Lower Upper
84 100
49 122.6 100.2 150.4
51 40.0 29.6 44.4
86 61.8 48.3 72.5



#28
Bromochloromethane
Concen: 4.105 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000564.D
Acq: 06 Nov 2019 19:58

Tgt Ion: 49 Resp: 25
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#





#31

Cyclohexane

Concen: 1.329 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :
MSVOA_Y
ClientSampled :

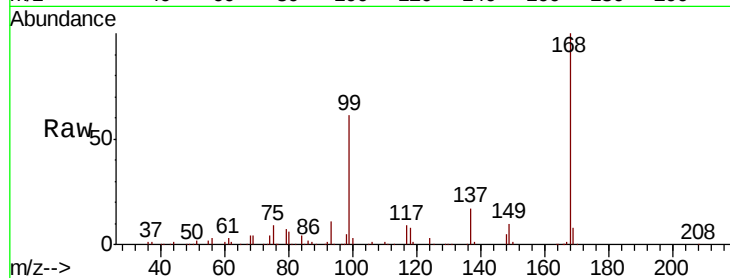
Tot Ion: 56 Resp: 5802

Ion Ratio Lower Upper

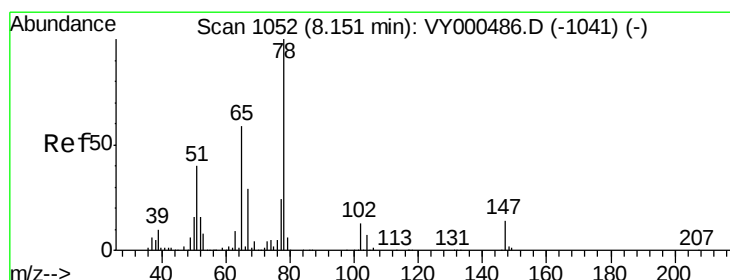
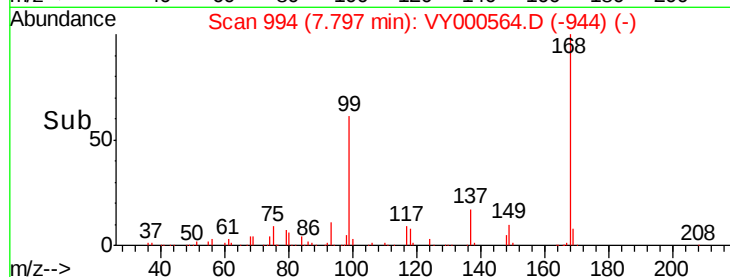
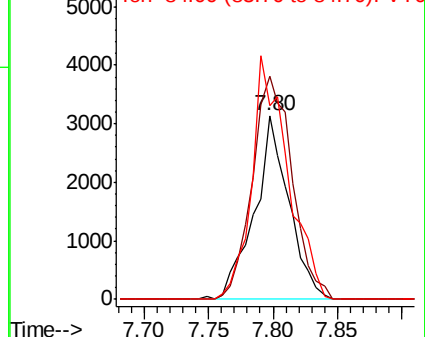
56 100

69 121.2 25.0 37.6#

84 113.4 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: 62.103 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000564.D

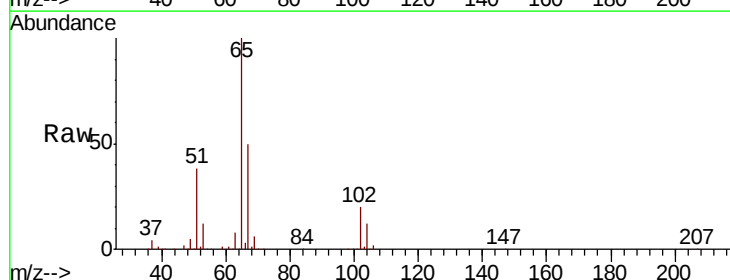
Acq: 06 Nov 2019 19:58

Tgt Ion: 65 Resp: 140112

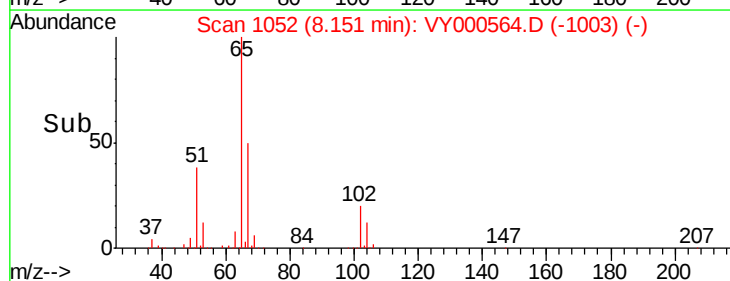
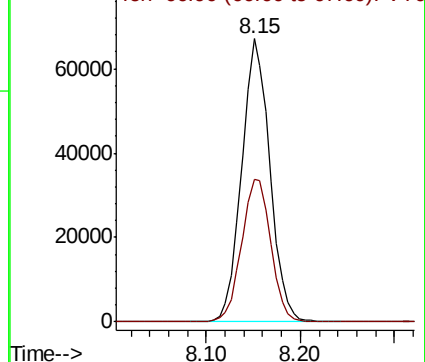
Ion Ratio Lower Upper

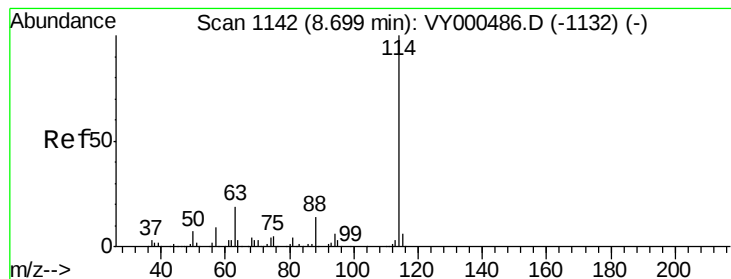
65 100

67 52.2 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: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :
MSVOA_Y
ClientSampled :

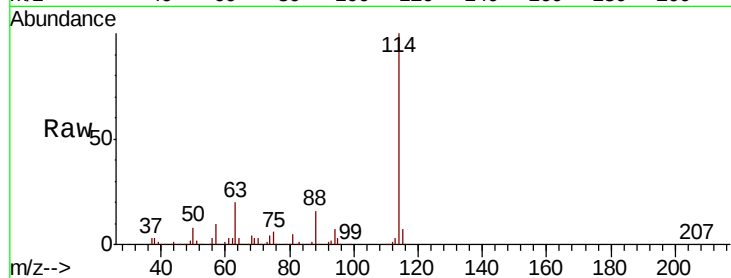
Tot Ion:114 Resp: 398841

Ion Ratio Lower Upper

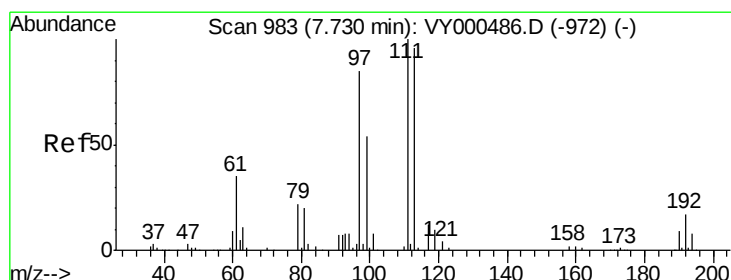
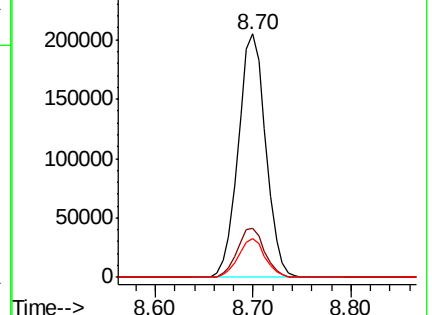
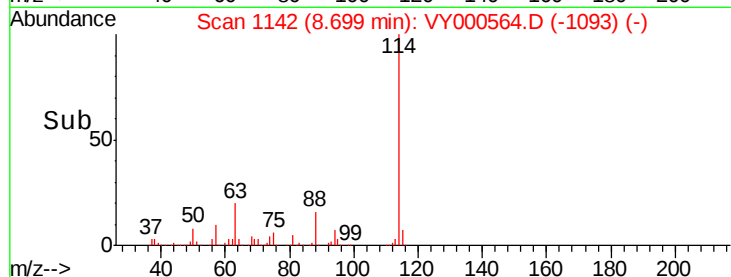
114 100

63 20.2 0.0 38.0

88 15.8 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: 51.224 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

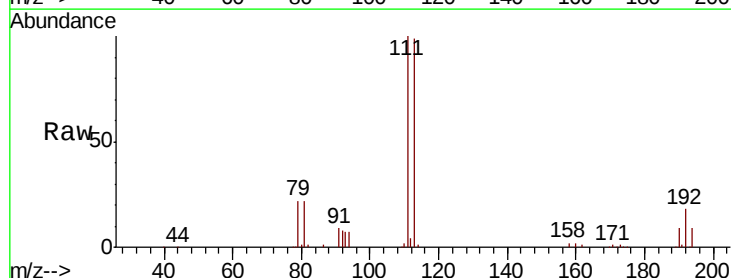
Tgt Ion:113 Resp: 119938

Ion Ratio Lower Upper

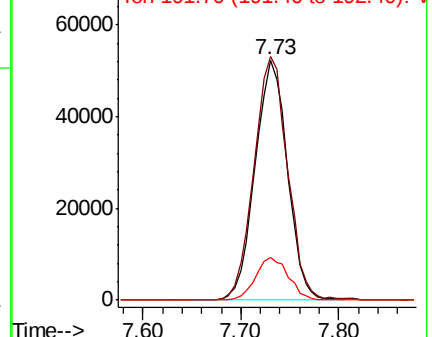
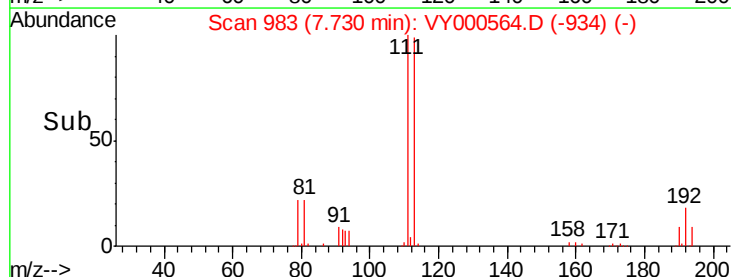
113 100

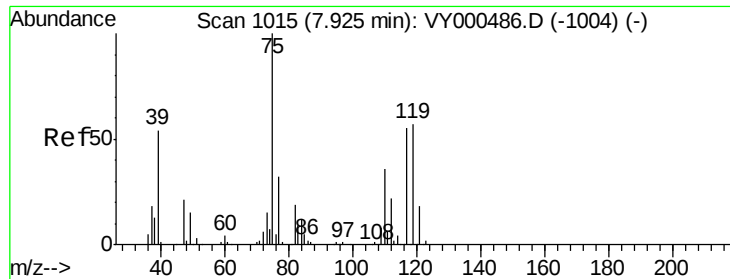
111 105.4 81.7 122.5

192 18.2 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: 4.607 ug/l

RT: 7.80 min Scan# 994

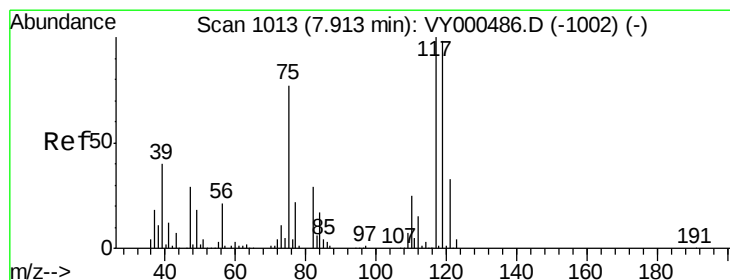
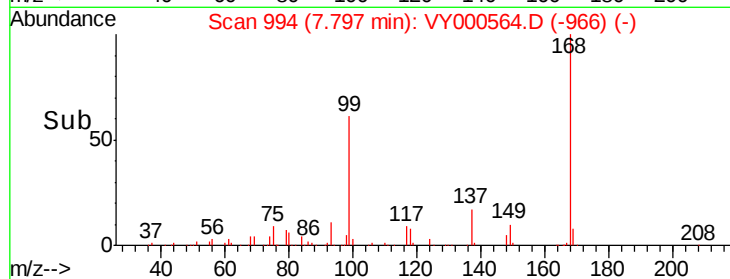
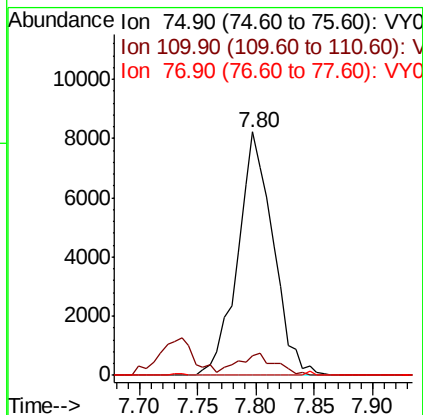
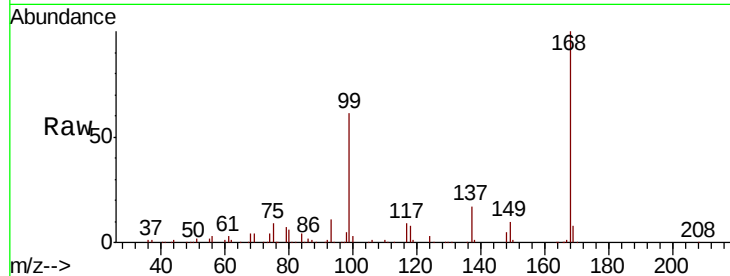
Delta R.T. -0.13 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	75	Resp:	17372
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.0	25.0	37.6#



#38

Carbon Tetrachloride

Concen: 6.096 ug/l

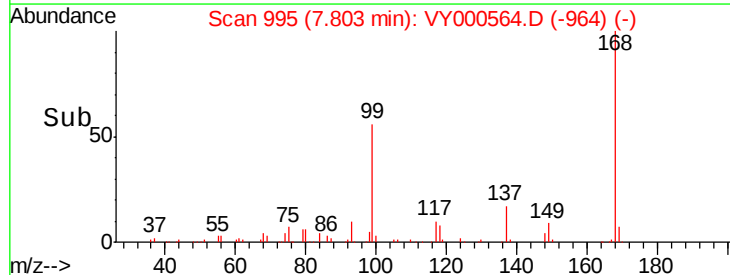
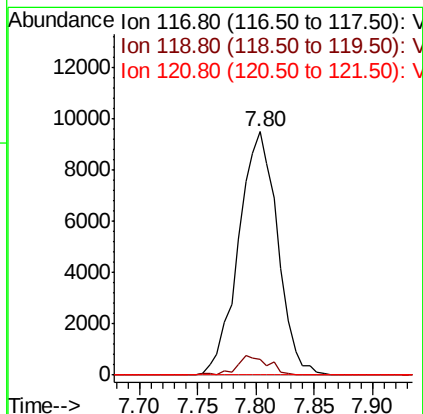
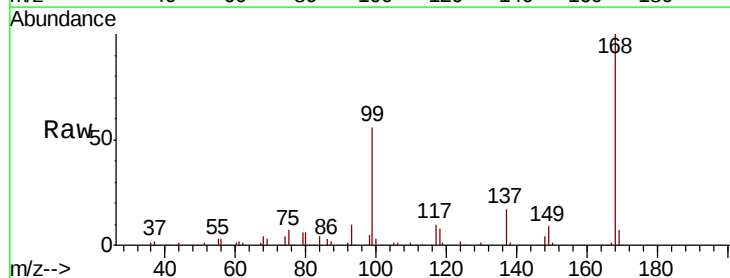
RT: 7.80 min Scan# 995

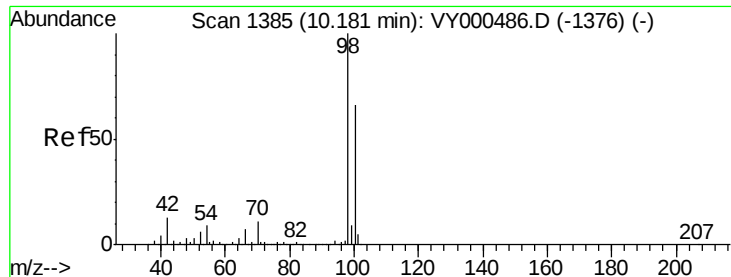
Delta R.T. -0.11 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

Tgt Ion:	117	Resp:	22117
Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.0	117.0#
121	0.0	26.6	40.0#





#50

Toluene-d8

Concen: 53.339 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :

MSVOA_Y

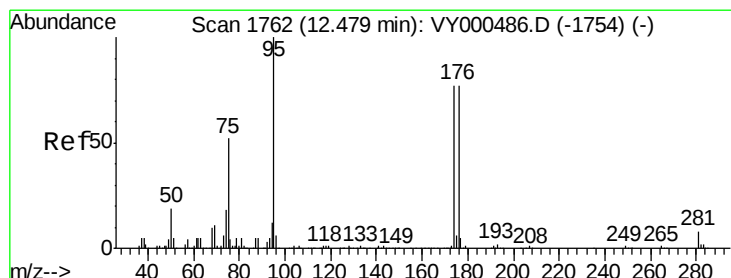
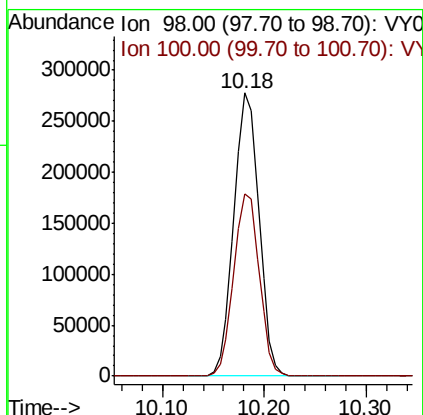
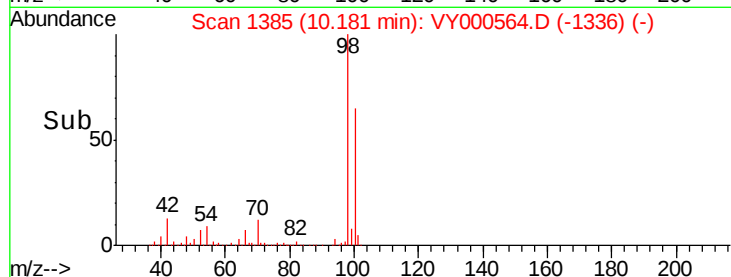
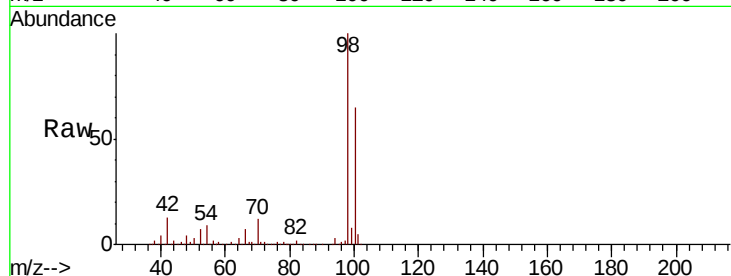
ClientSampleId :

Tot Ion: 98 Resp: 473890

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.508 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

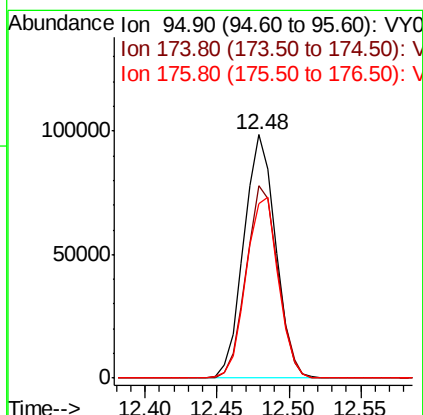
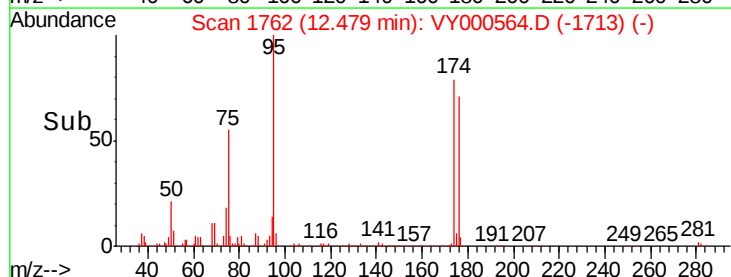
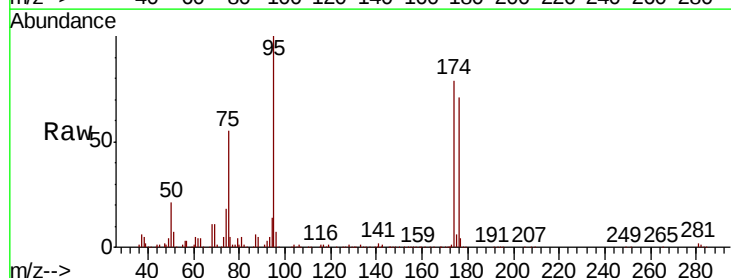
Tgt Ion: 95 Resp: 150540

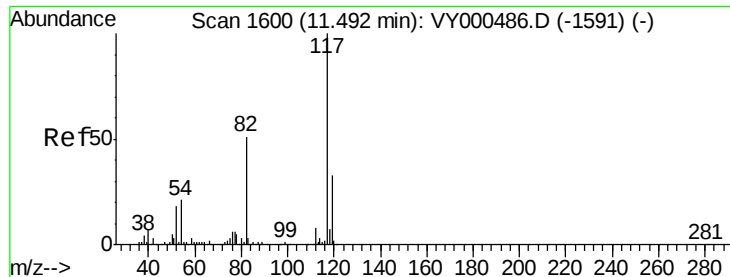
Ion Ratio Lower Upper

95 100

174 78.7 0.0 161.6

176 75.3 0.0 157.8

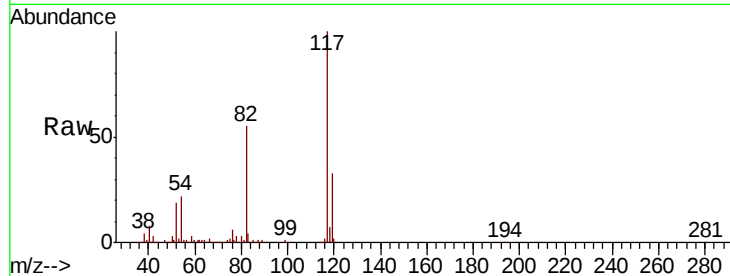




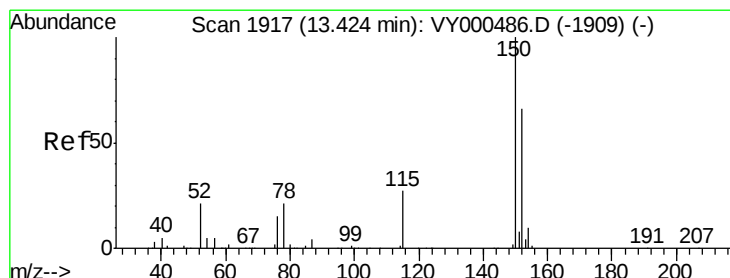
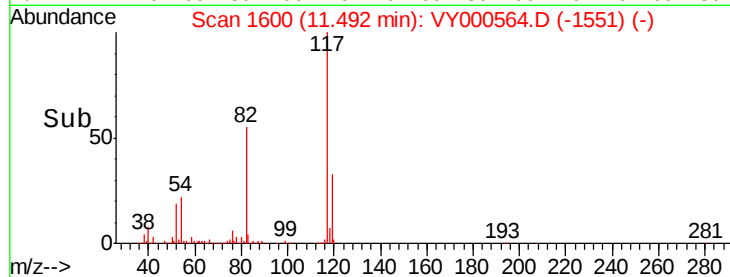
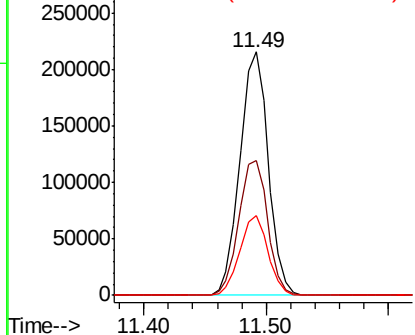
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000564.D
Acq: 06 Nov 2019 19:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 346853
Ion Ratio Lower Upper
117 100
82 55.4 40.8 61.2
119 33.0 26.2 39.2

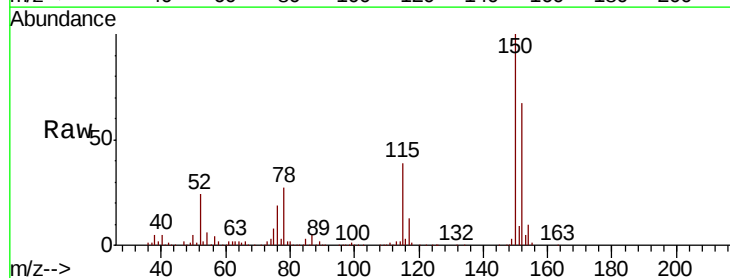


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

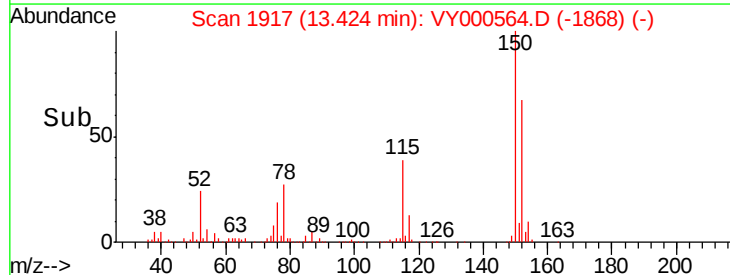
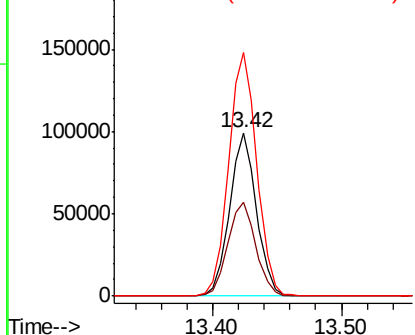


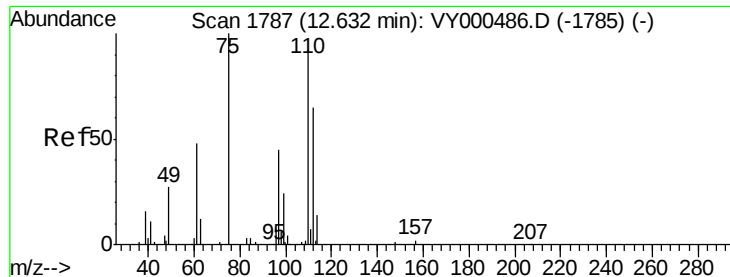
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000564.D
Acq: 06 Nov 2019 19:58

Tgt Ion:152 Resp: 144333
Ion Ratio Lower Upper
152 100
115 60.1 29.1 87.4
150 155.2 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: 49.928 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :

MSVOA_Y

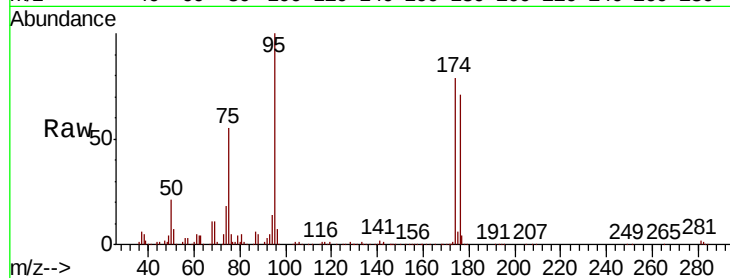
ClientSampled :

Tot Ion: 75 Resp: 82053

Ion Ratio Lower Upper

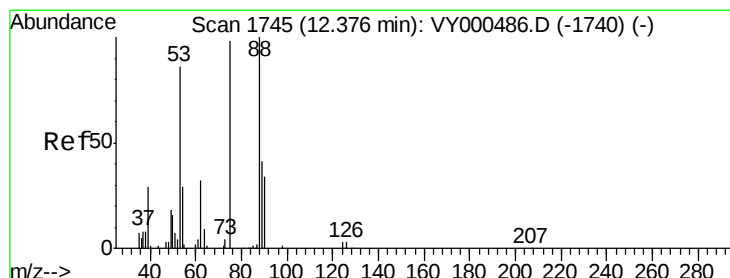
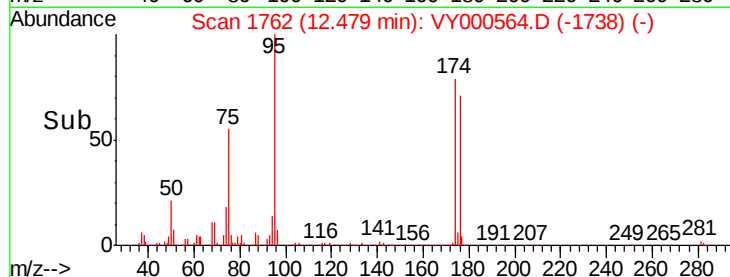
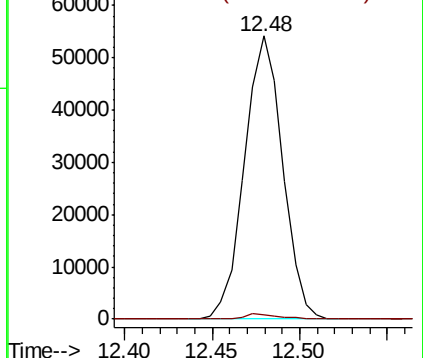
75 100

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: 111.945 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

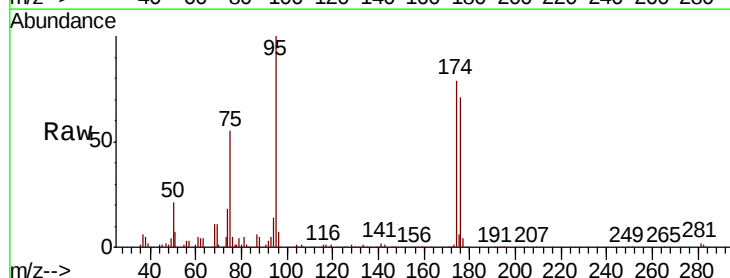
Tgt Ion: 75 Resp: 82053

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

