

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001565.D
 Acq On : 07 Feb 2020 19:22
 Operator : SY/MD
 Sample : L1472-03
 Misc : 11.6G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:28:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	174191	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	309276	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	279360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128301	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	100992	57.58	ug/l	0.01
Spiked Amount			Recovery	=	115.16%	
35) Dibromofluoromethane	7.75	113	88977	49.89	ug/l	0.01
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	10.20	98	370816	54.96	ug/l	0.01
Spiked Amount			Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.50	95	127577	47.99	ug/l	0.01
Spiked Amount			Recovery	=	95.98%	

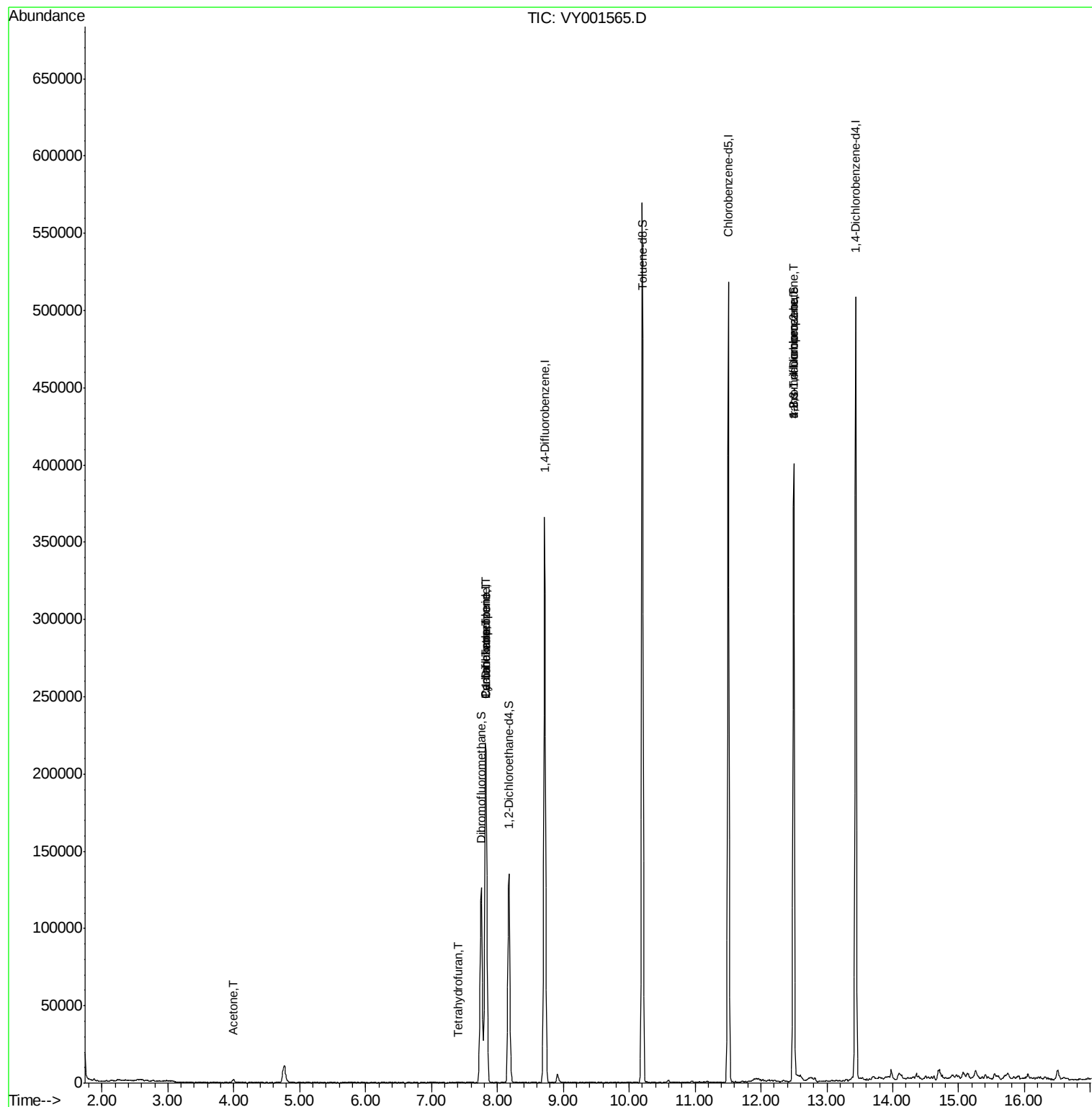
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	40	Below Cal	#	76
16) Acetone	4.00	43	3261	6.428	ug/l	96
20) Methylene Chloride	4.76	84	8329	Below Cal		92
29) Tetrahydrofuran	7.39	42	486	1.232	ug/l #	57
31) Cyclohexane	7.82	56	3755	1.100	ug/l #	7
36) 1,1-Dichloropropene	7.82	75	13318	4.707	ug/l #	47
38) Carbon Tetrachloride	7.82	117	17291	6.317	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	65513	47.482	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	65513	91.875	ug/l #	16

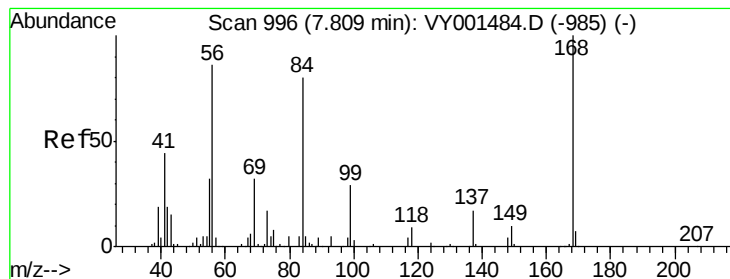
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
Data File : VY001565.D
Acq On : 07 Feb 2020 19:22
Operator : SY/MD
Sample : L1472-03
Misc : 11.6G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 08 01:28:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

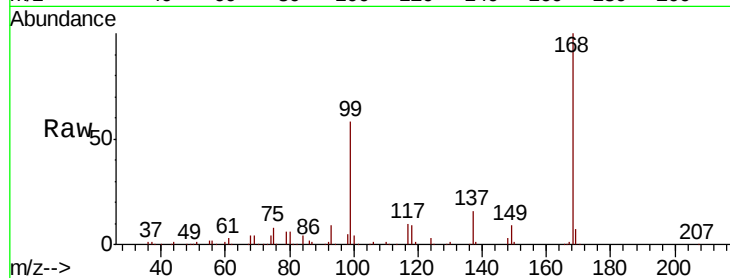
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 174191

Ion Ratio Lower Upper

168 100

99 57.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

80000

60000

40000

20000

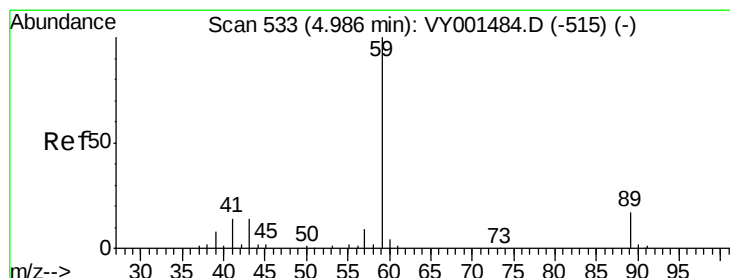
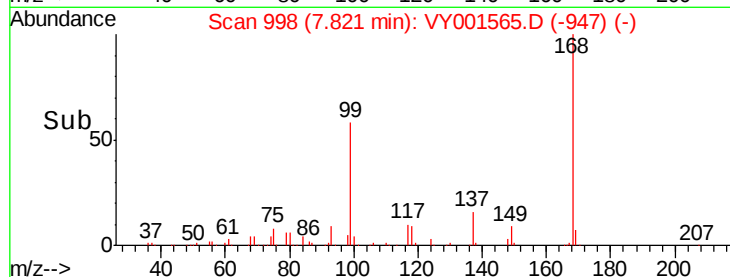
0

Time-->

7.70

7.80

7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.01 min

Lab File: VY001565.D

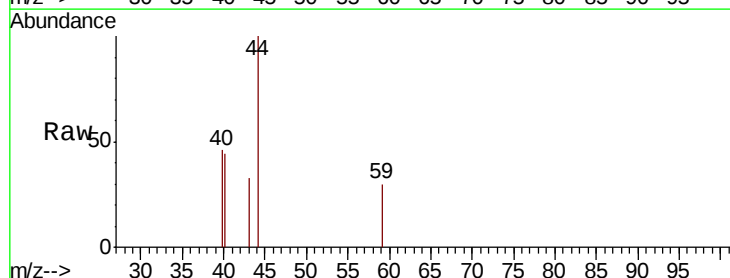
Acq: 07 Feb 2020 19:22

Tgt Ion: 59 Resp: 40

Ion Ratio Lower Upper

59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001484.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY001484.D (-515) (-)

4.99

60

50

40

30

20

10

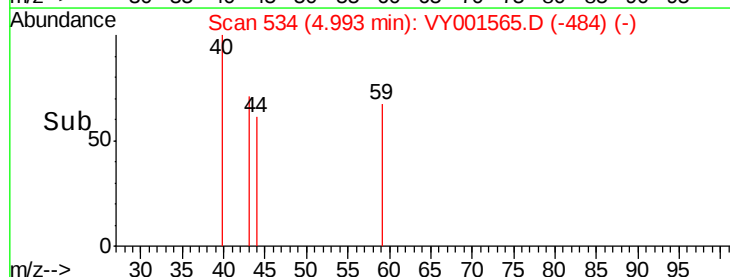
0

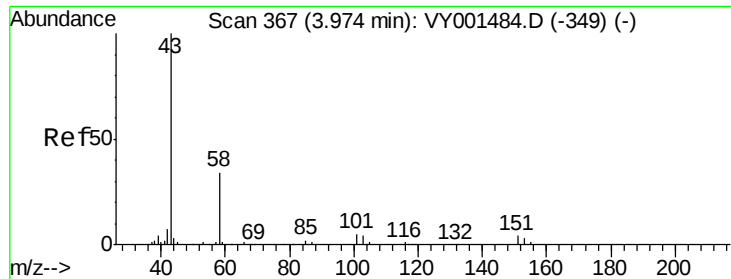
Time-->

4.98

5.00

5.02





#16

Acetone

Concen: 6.428 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.02 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

Instrument :

MSVOA_Y

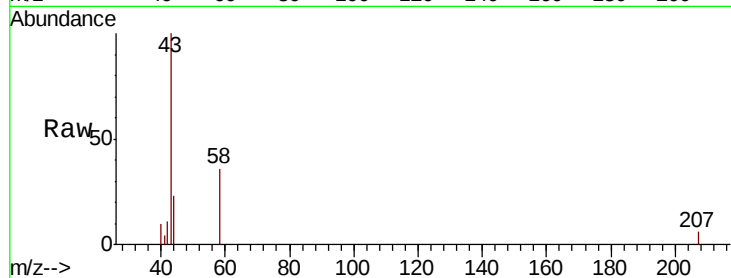
ClientSampled :

Tot Ion: 43 Resp: 3261

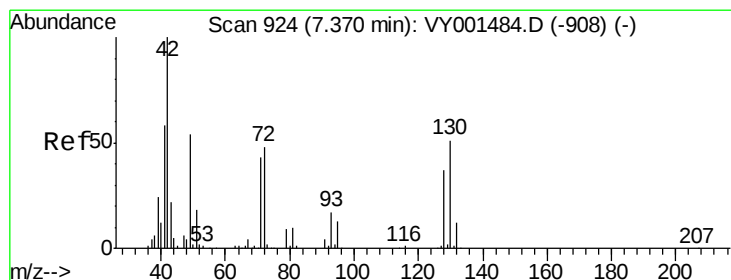
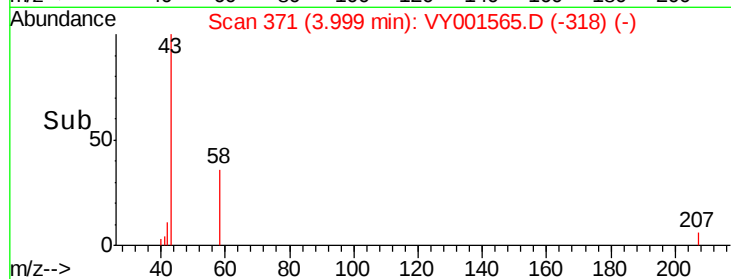
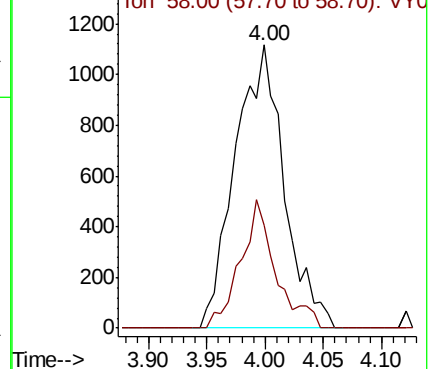
Ion Ratio Lower Upper

43 100

58 36.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001565.D (-371) (-)



#29

Tetrahydrofuran

Concen: 1.232 ug/l

RT: 7.39 min Scan# 928

Delta R.T. 0.02 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

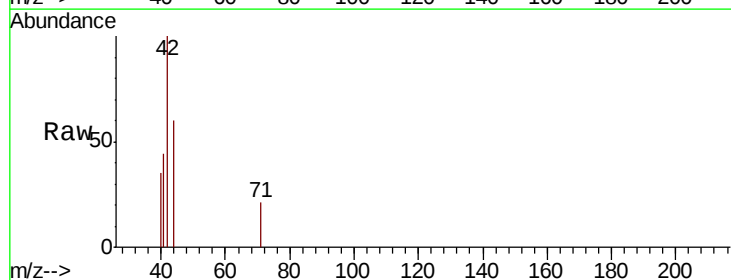
Tgt Ion: 42 Resp: 486

Ion Ratio Lower Upper

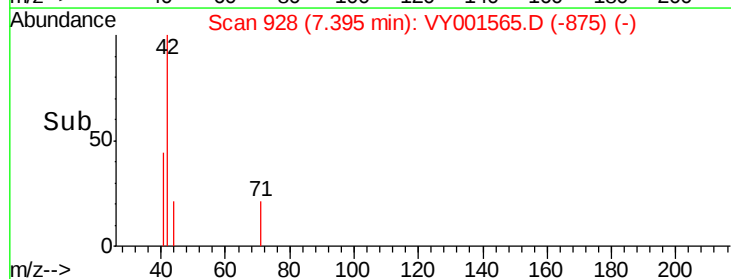
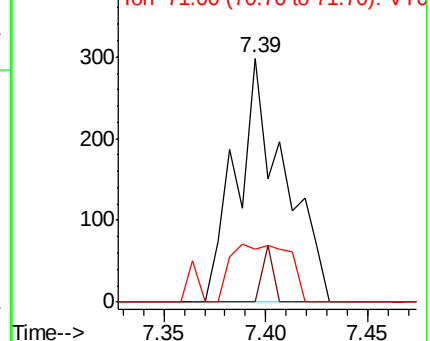
42 100

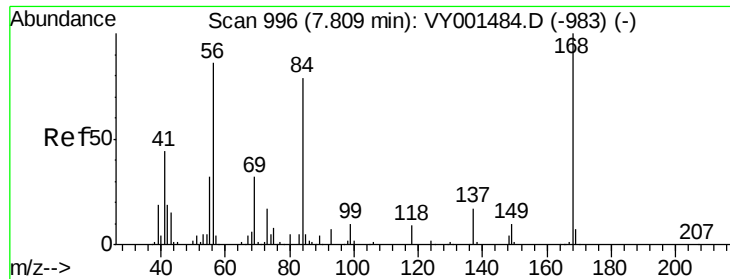
72 5.1 37.8 56.6#

71 29.2 34.8 52.2#



Abundance Ion 42.00 (41.70 to 42.70): VY001565.D (-928) (-)

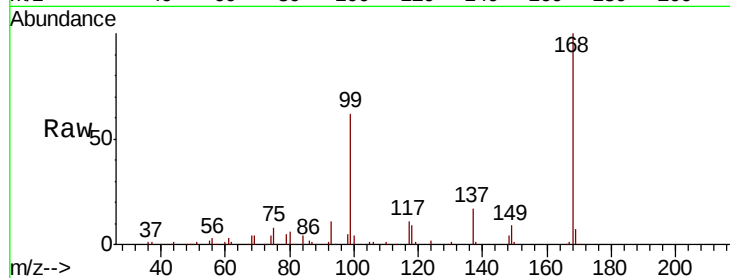




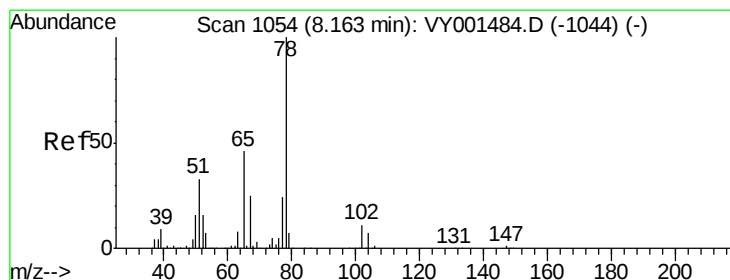
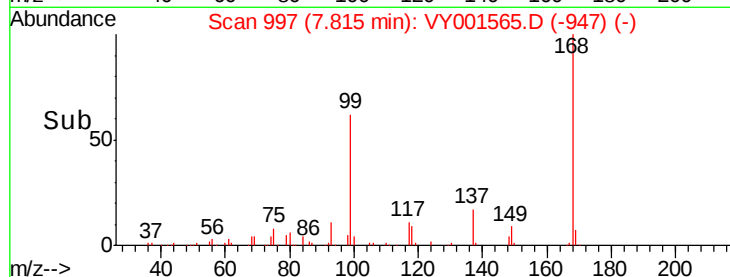
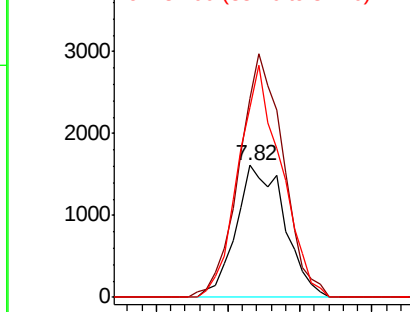
#31
Cvclohexane
Concen: 1.100 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001565.D
Acq: 07 Feb 2020 19:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3755
Ion Ratio Lower Upper
56 100
69 150.3 29.6 44.4#
84 144.0 73.6 110.4#

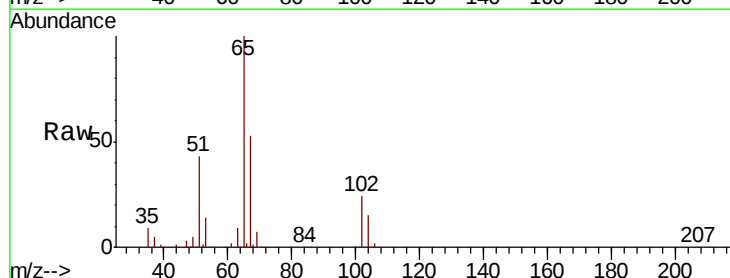


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

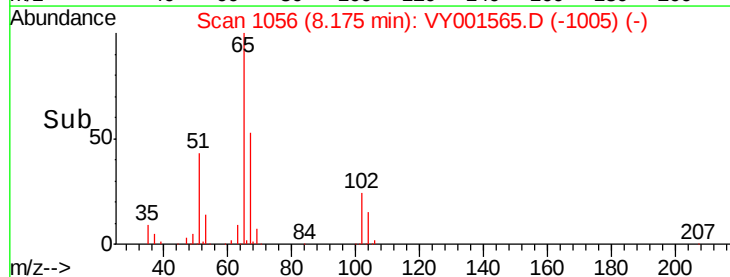
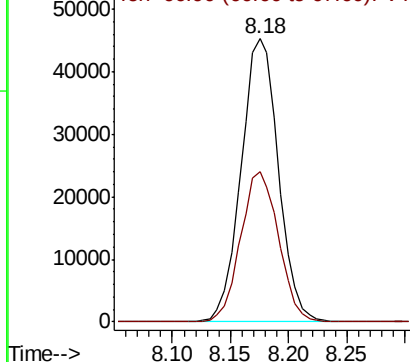


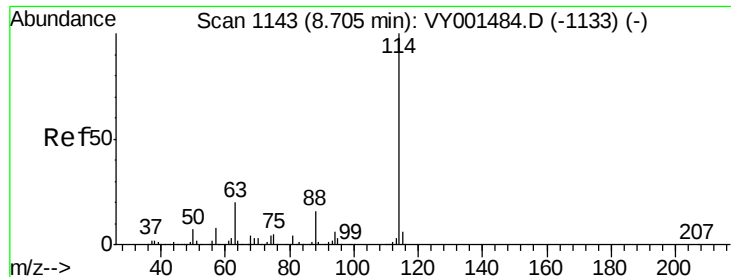
#33
1,2-Dichloroethane-d4
Concen: 57.583 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001565.D
Acq: 07 Feb 2020 19:22

Tgt Ion: 65 Resp: 100992
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.6



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

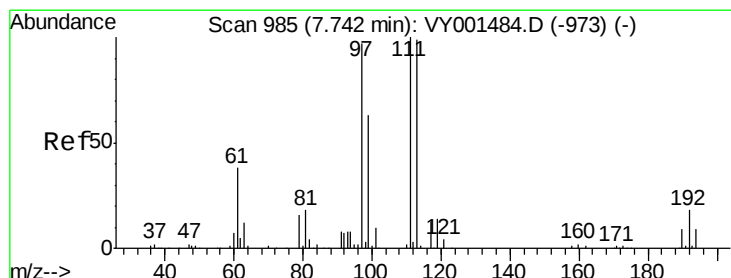
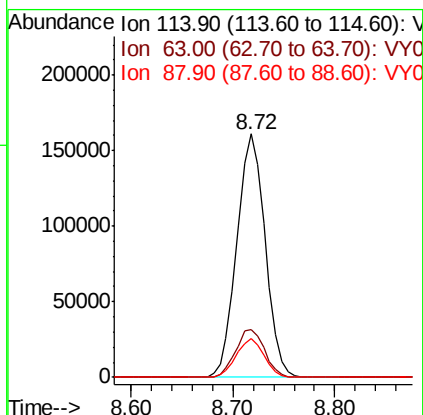
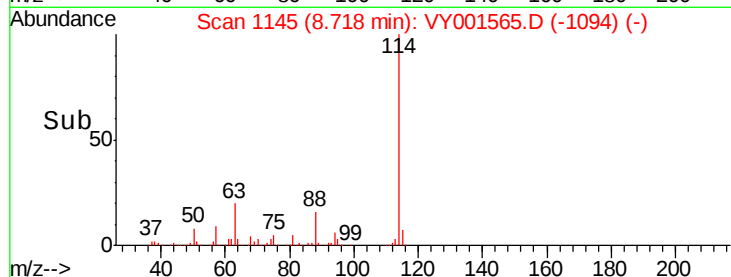
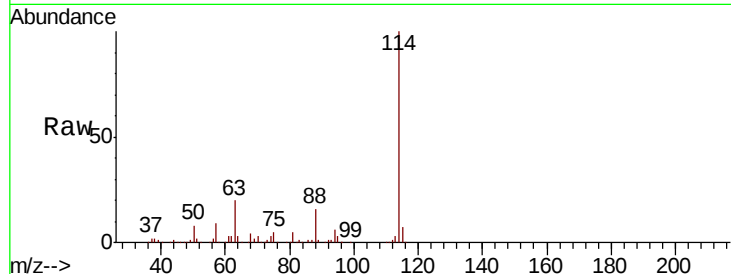




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001565.D
 Acq: 07 Feb 2020 19:22

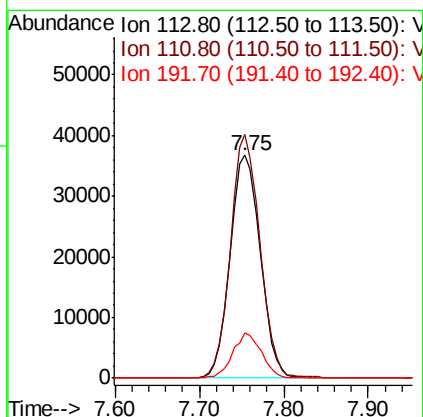
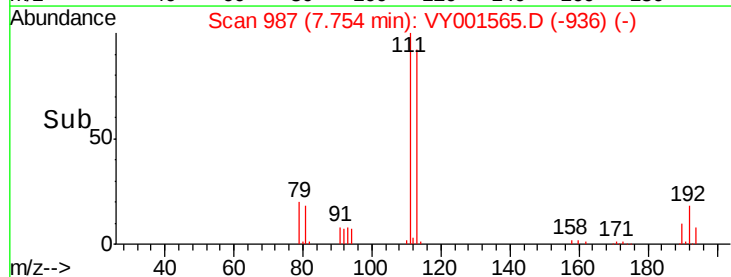
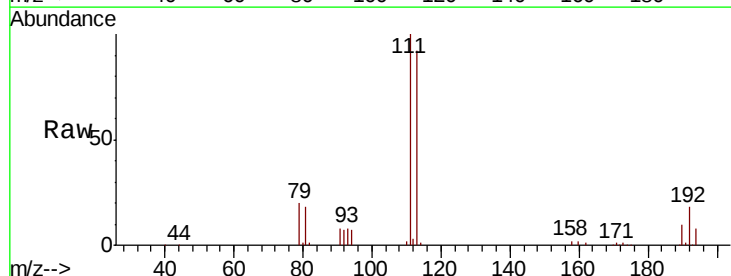
Instrument :
 MSVOA_Y
 ClientSampleId :

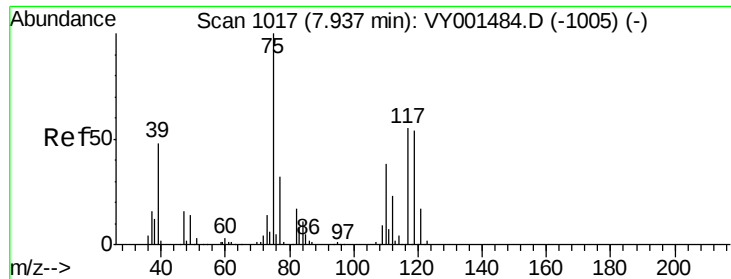
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	15.7	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.891 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001565.D
 Acq: 07 Feb 2020 19:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.9	124.3
192	19.0	14.6	22.0

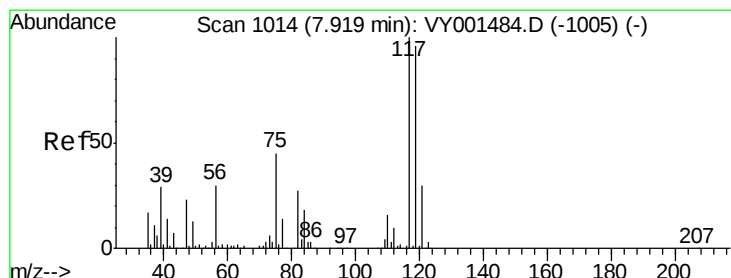
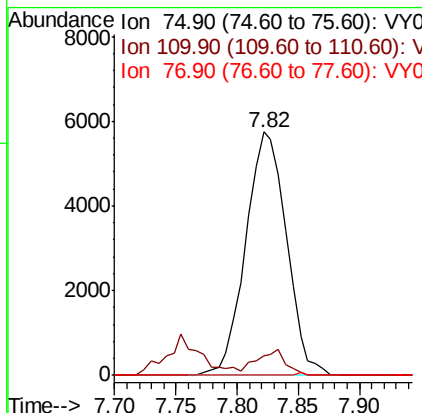
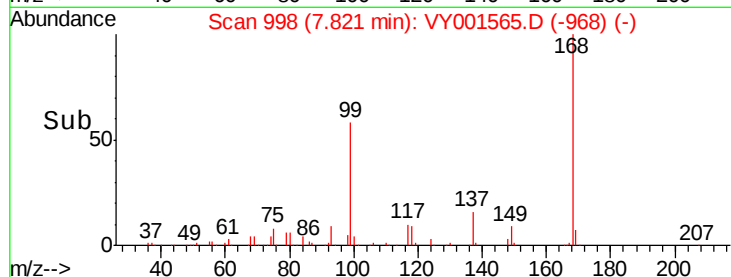
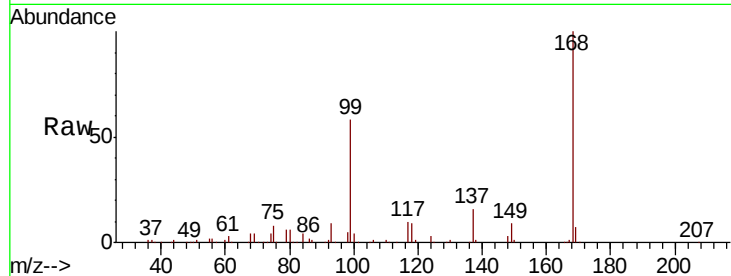




#36
 1,1-Dichloropropene
 Concen: 4.707 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001565.D
 Acq: 07 Feb 2020 19:22

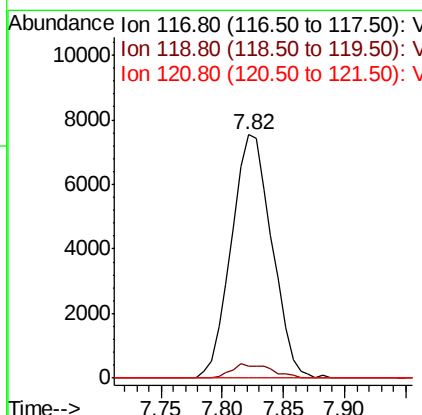
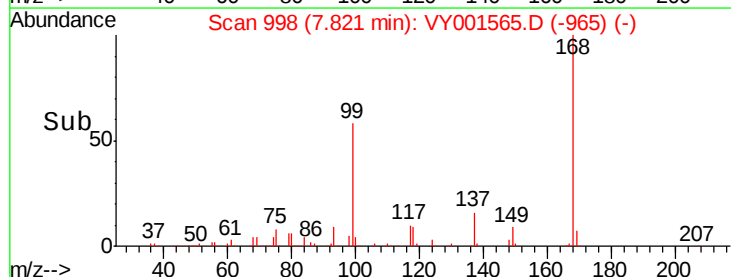
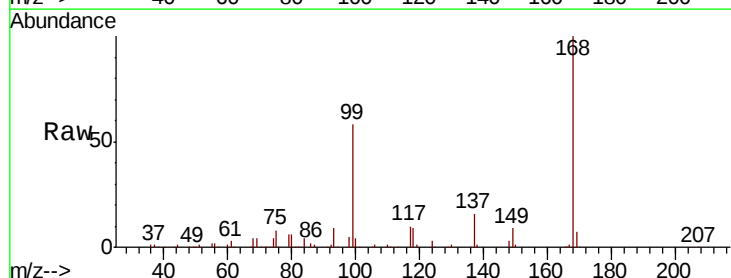
Instrument :
 MSVOA_Y
 ClientSampleId :

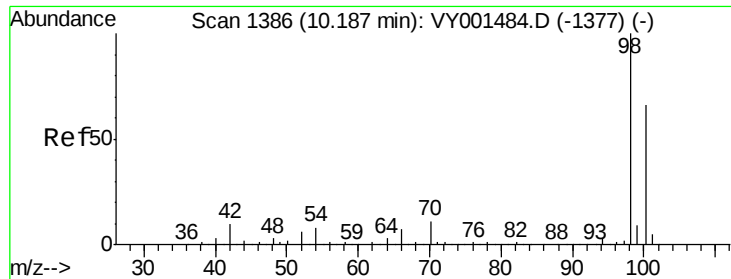
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.317 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001565.D
 Acq: 07 Feb 2020 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.4	114.6#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 54.956 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

Instrument :

MSVOA_Y

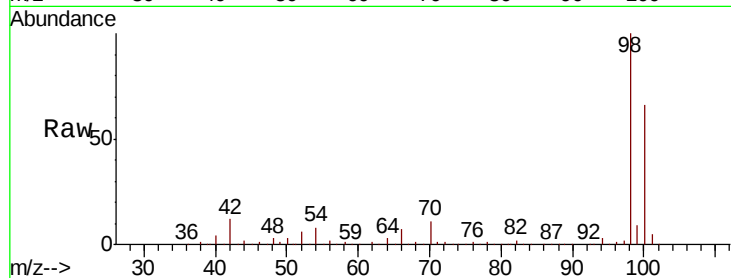
ClientSampleId :

Tot Ion: 98 Resp: 370816

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001484.D (-1377) (-)

250000

200000

150000

100000

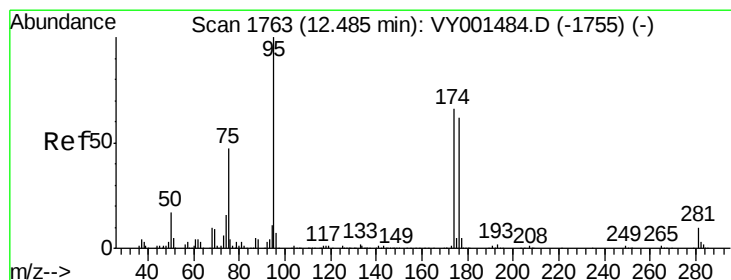
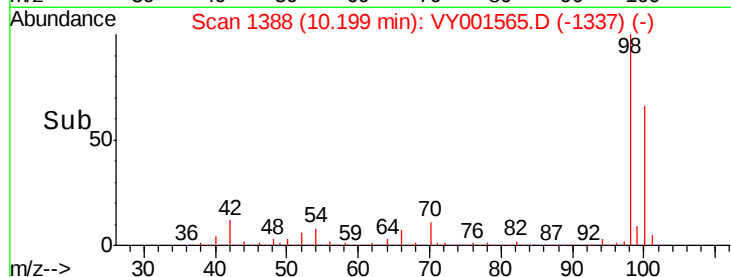
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 47.995 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

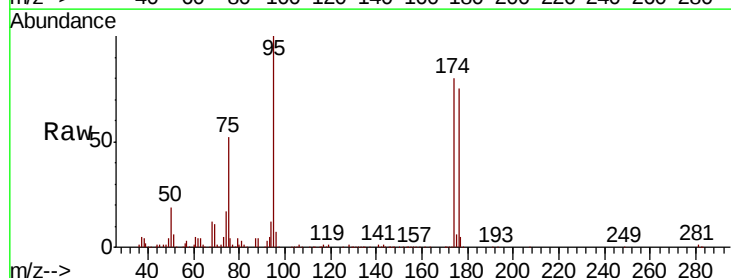
Tgt Ion: 95 Resp: 127577

Ion Ratio Lower Upper

95 100

174 77.3 0.0 141.4

176 73.5 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001484.D (-1755) (-)

100000

80000

60000

40000

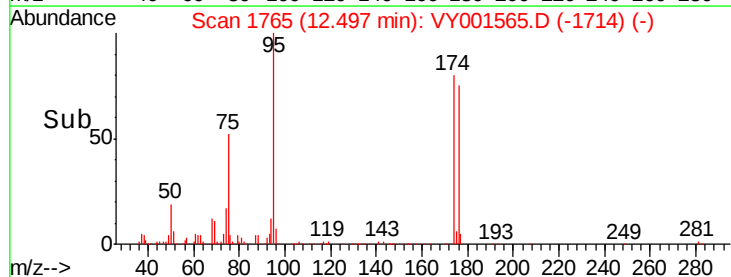
20000

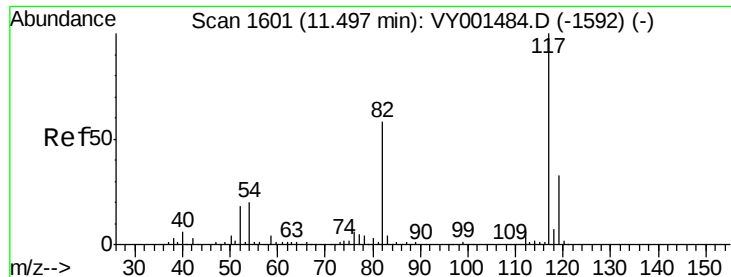
0

12.40

12.50

Time-->

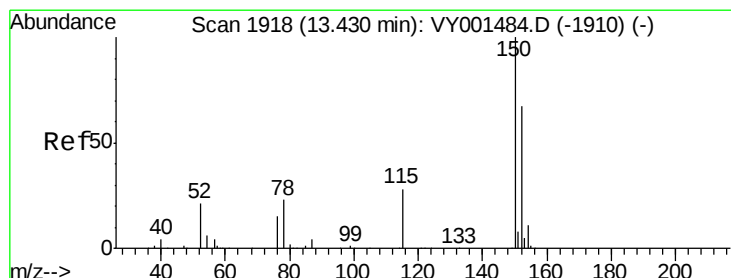
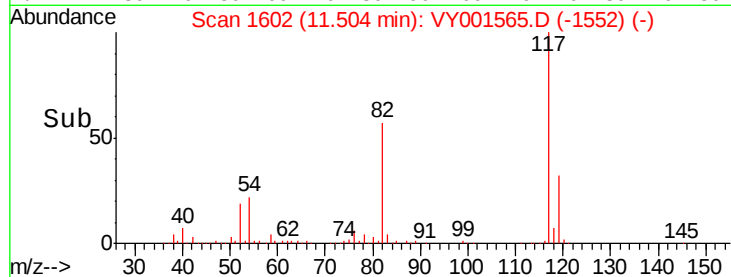
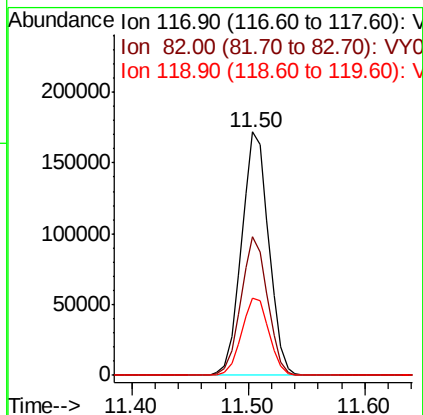
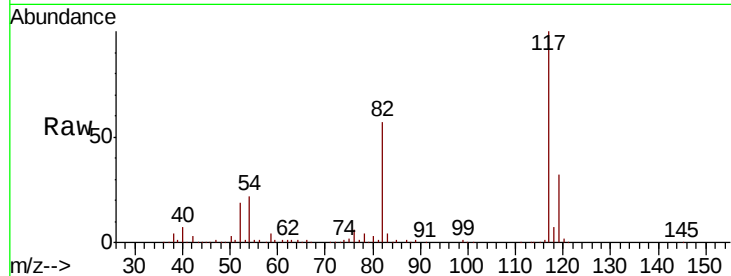




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001565.D
Acq: 07 Feb 2020 19:22

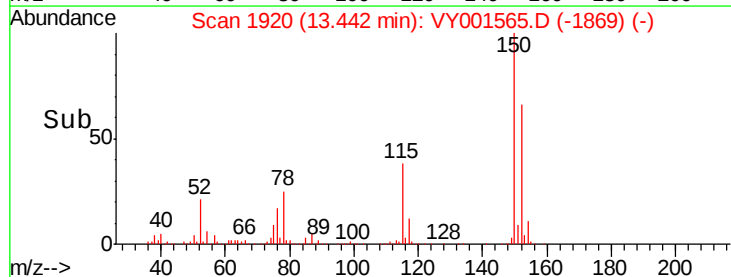
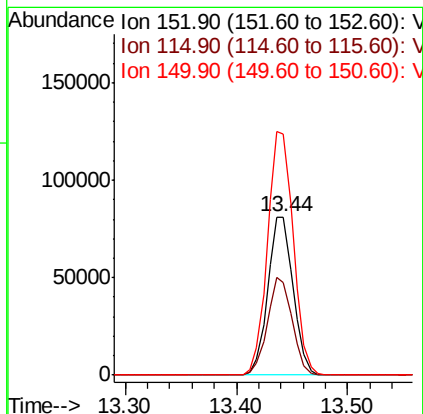
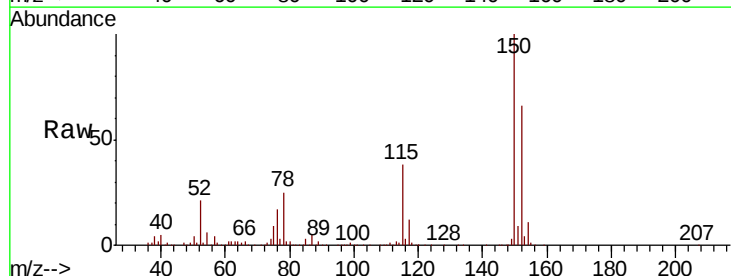
Instrument :
MSVOA_Y
ClientSampled :

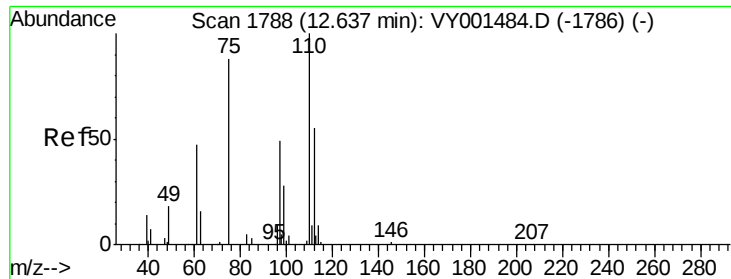
Tot Ion:117 Resp: 279360
Ion Ratio Lower Upper
117 100
82 56.8 46.1 69.1
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001565.D
Acq: 07 Feb 2020 19:22

Tgt Ion:152 Resp: 128301
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.3
150 157.4 0.0 346.8



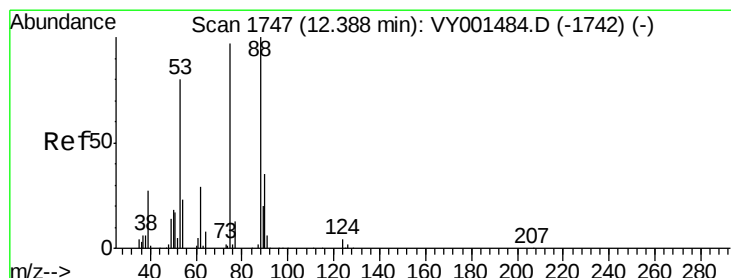
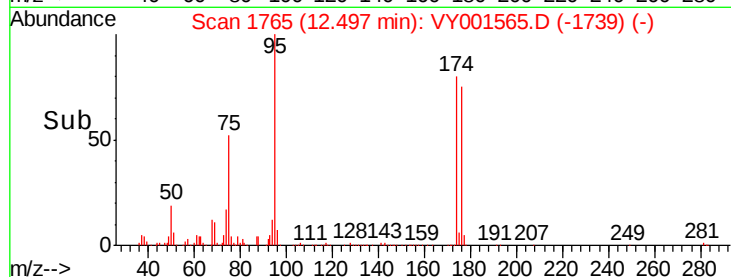
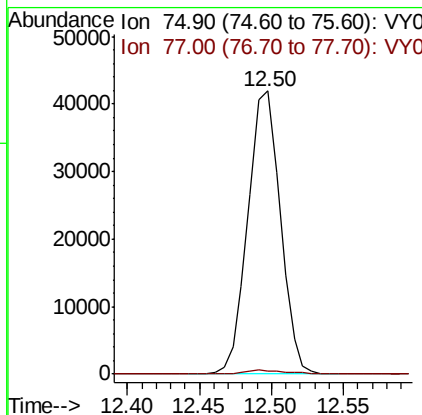
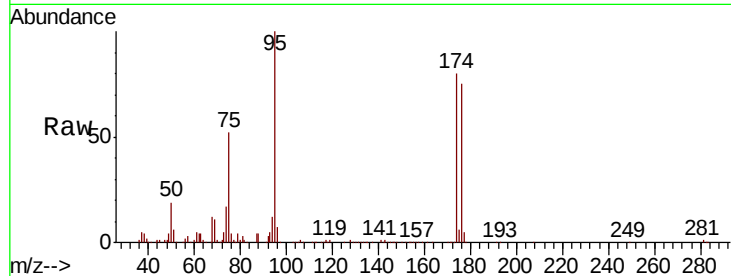


#76

1,2,3-Trichloropropane
Concen: 47.482 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. -0.14 min
Lab File: VY001565.D
Acq: 07 Feb 2020 19:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 65513
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 91.875 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.11 min
Lab File: VY001565.D
Acq: 07 Feb 2020 19:22

Tgt Ion: 75 Resp: 65513
Ion Ratio Lower Upper
75 100
53 0.0 67.7 101.5#
89 0.0 34.6 52.0#

