

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001574.D
 Acq On : 07 Feb 2020 22:41
 Operator : SY/MD
 Sample : L1470-03
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:29:52 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	7.83	168	164943	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	295577	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.51	117	247518	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	90182	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	94524	56.92	ug/l	0.02
Spiked Amount			Recovery	=	113.84%	
35) Dibromofluoromethane	7.76	113	86132	50.53	ug/l	0.02
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	10.21	98	346972	53.81	ug/l	0.02
Spiked Amount			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.50	95	102697	40.43	ug/l	0.01
Spiked Amount			Recovery	=	80.86%	

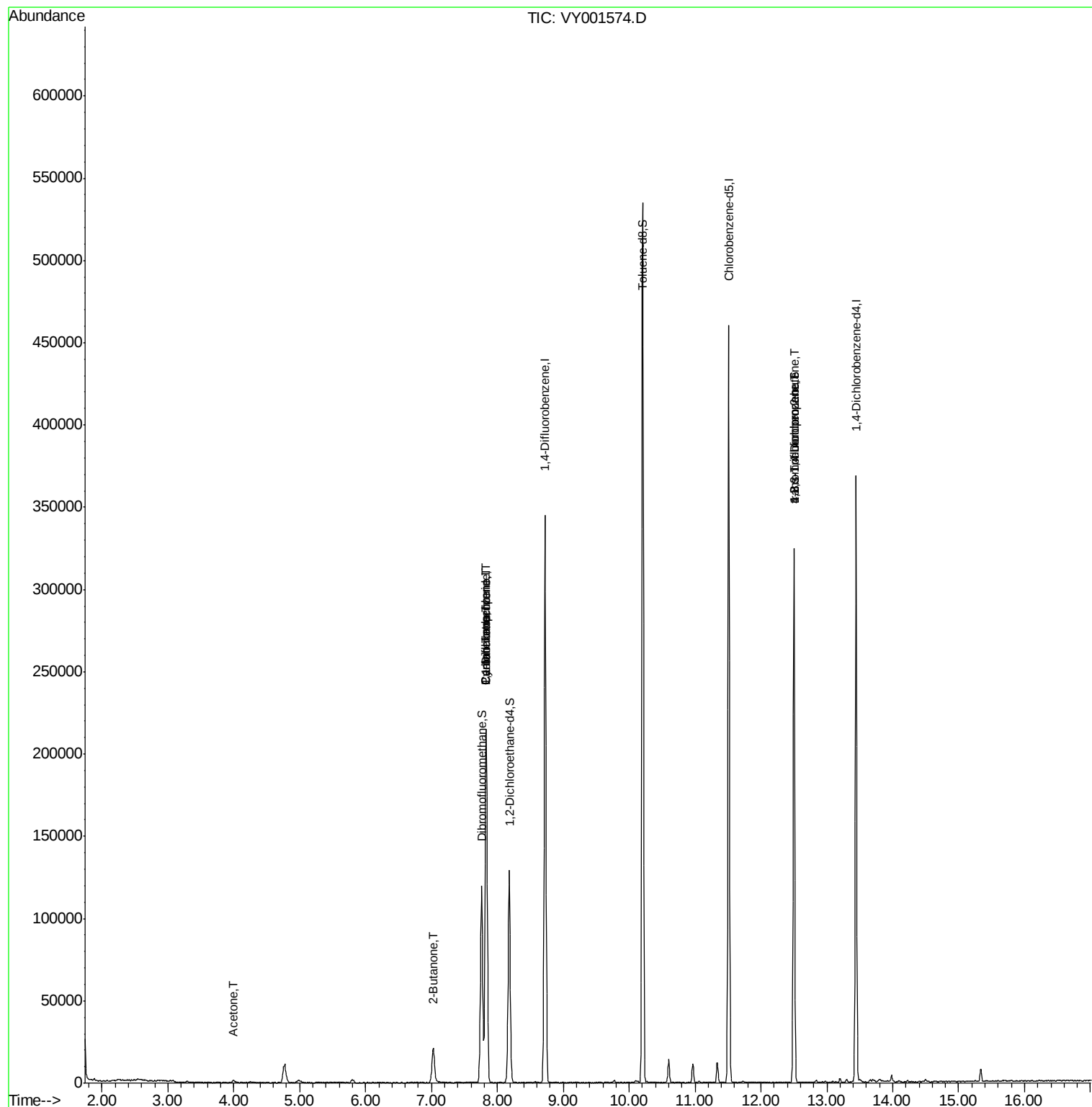
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	1829	Below Cal	#	76
16) Acetone	3.99	43	2288	4.763	ug/l	92
20) Methylene Chloride	4.77	84	8393	Below Cal		91
25) 2-Butanone	7.03	43	1639	2.630	ug/l #	45
31) Cyclohexane	7.82	56	3654	1.130	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	13118	4.851	ug/l #	48
38) Carbon Tetrachloride	7.83	117	16300	6.231	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	52856	54.501	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	52856	105.457	ug/l #	16

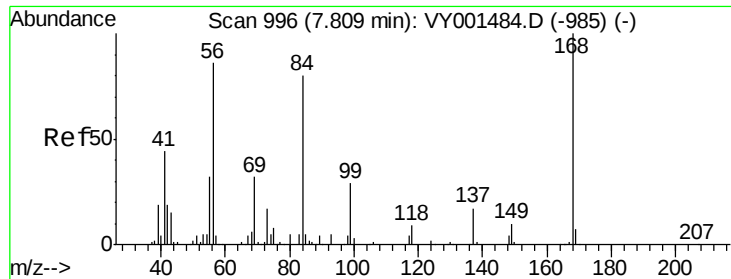
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 08 01:29:52 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: 7.83 min Scan# 1000

Delta R.T. 0.02 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

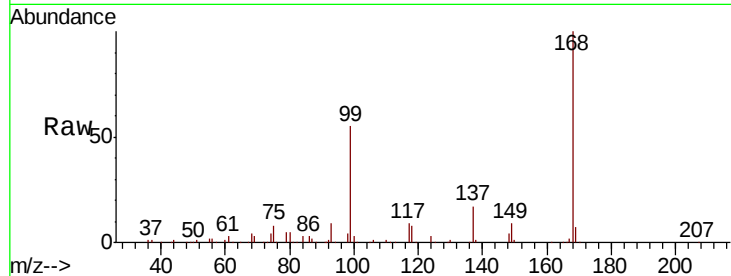
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 164943

Ion Ratio Lower Upper

168 100

99 55.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001574.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001574.D (-947) (-)

7.83

80000

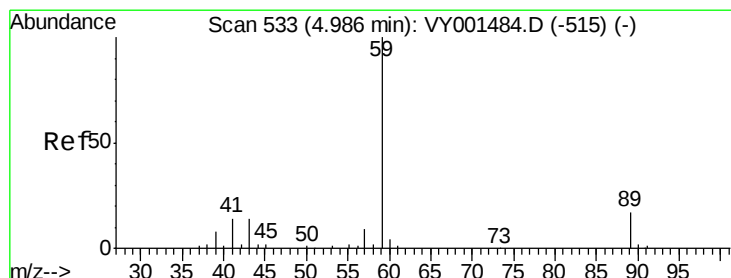
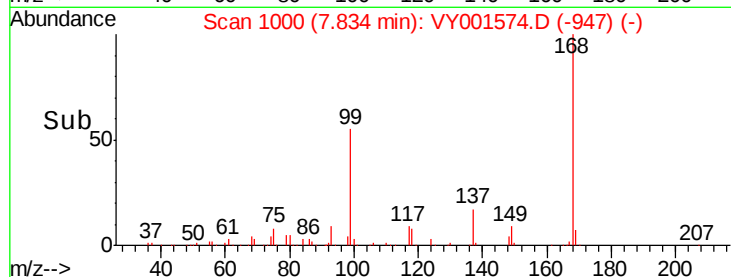
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001574.D

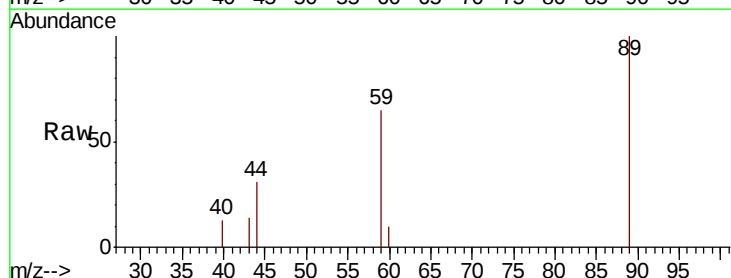
Acq: 07 Feb 2020 22:41

Tgt Ion: 59 Resp: 1829

Ion Ratio Lower Upper

59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001574.D (-484) (-)

Ion 57.00 (56.70 to 57.70): VY001574.D (-484) (-)

4.98

500

400

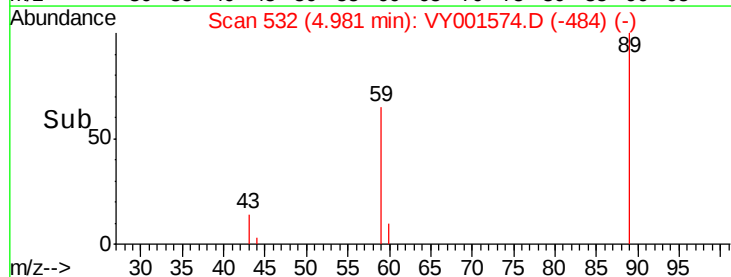
300

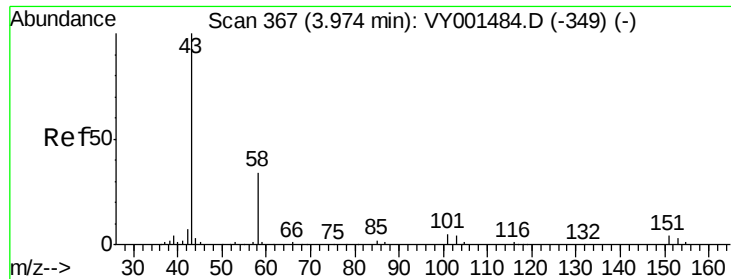
200

100

0

Time--> 4.90 4.95 5.00 5.05 5.10





#16

Acetone

Concen: 4.763 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

Instrument :

MSVOA_Y

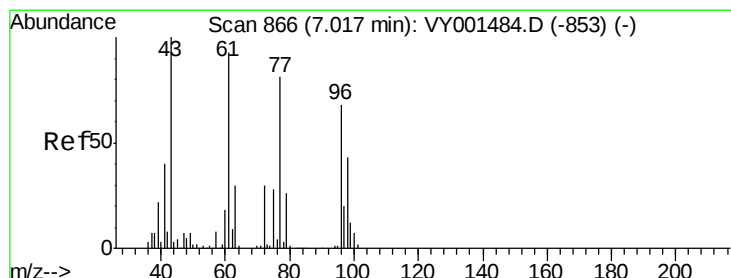
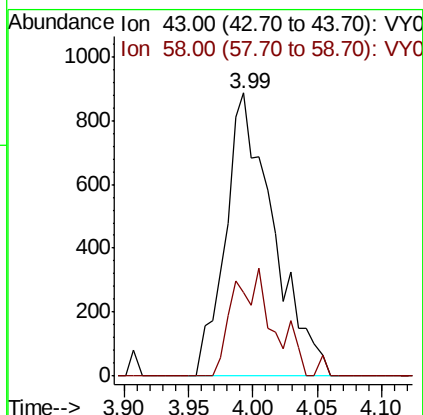
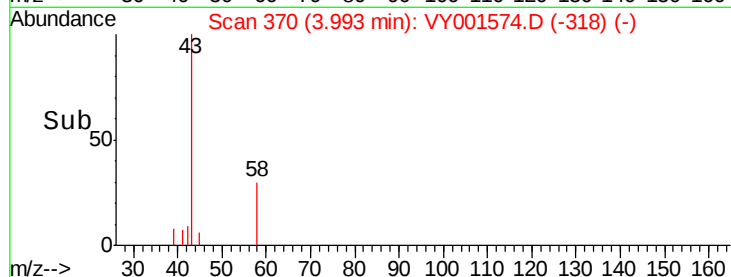
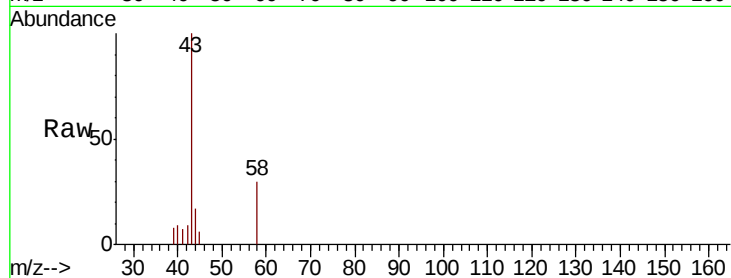
ClientSampleId :

Tot Ion: 43 Resp: 2288

Ion Ratio Lower Upper

43 100

58 29.7 27.5 41.3



#25

2-Butanone

Concen: 2.630 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001574.D

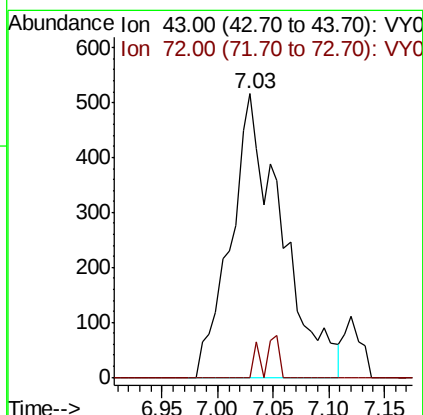
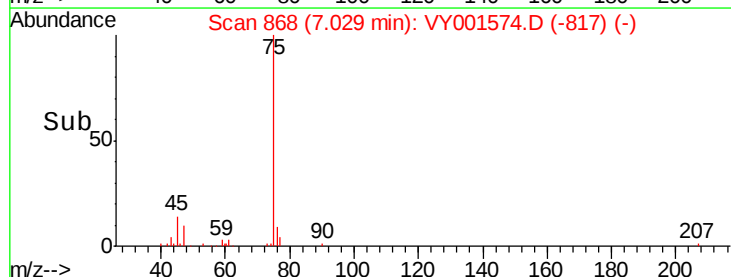
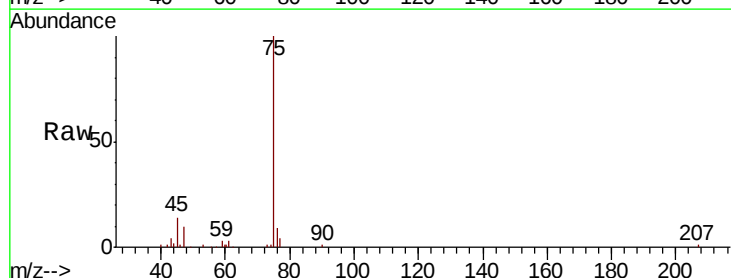
Acq: 07 Feb 2020 22:41

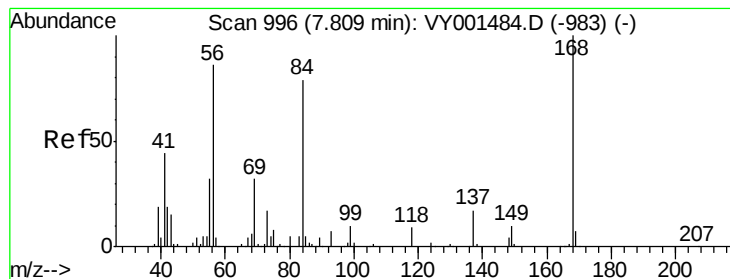
Tgt Ion: 43 Resp: 1639

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.8#





#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

Instrument :
MSVOA_Y
ClientSampleId :

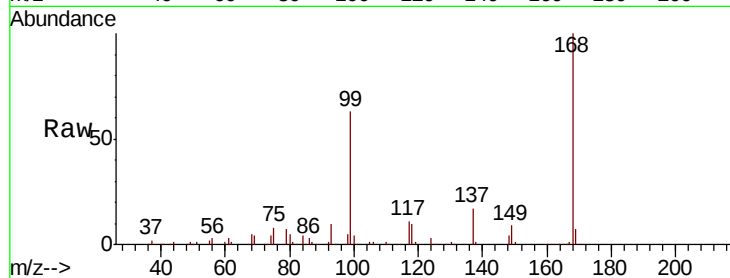
Tot Ion: 56 Resp: 3654

Ion Ratio Lower Upper

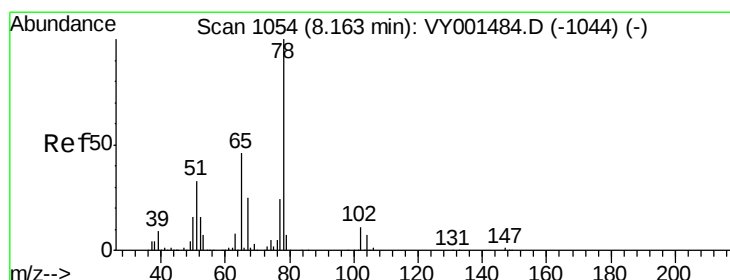
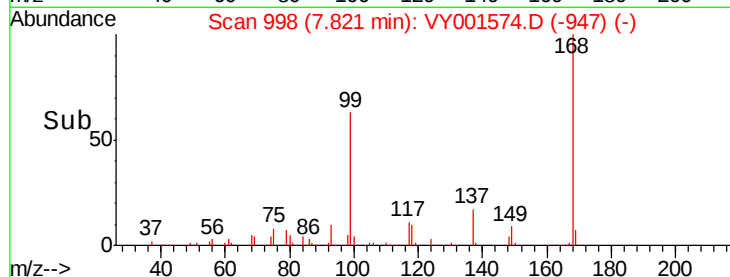
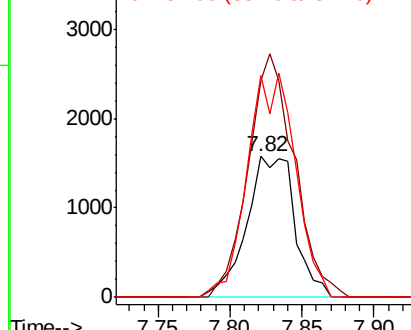
56 100

69 153.6 29.6 44.4#

84 157.2 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: 56.917 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.02 min

Lab File: VY001574.D

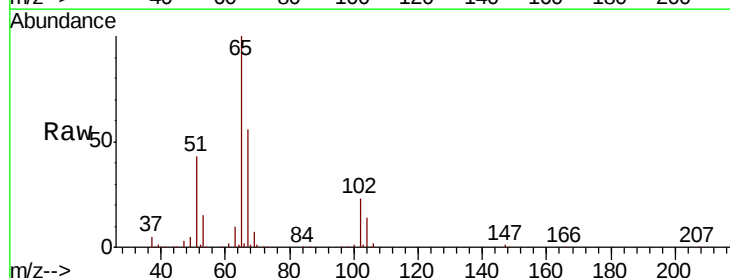
Acq: 07 Feb 2020 22:41

Tgt Ion: 65 Resp: 94524

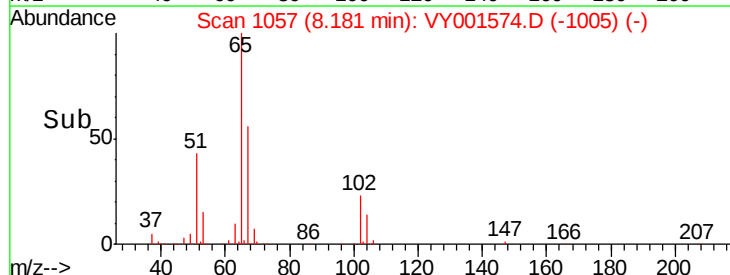
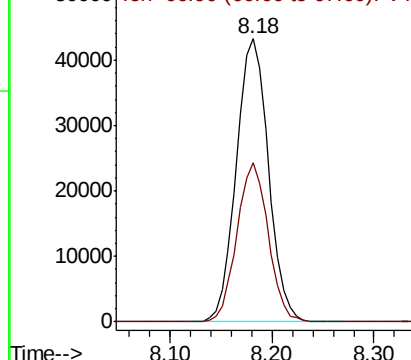
Ion Ratio Lower Upper

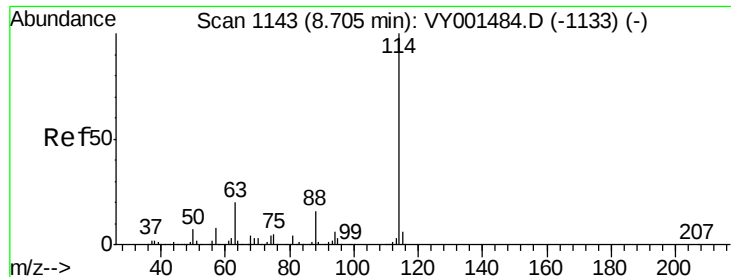
65 100

67 54.8 0.0 108.6



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

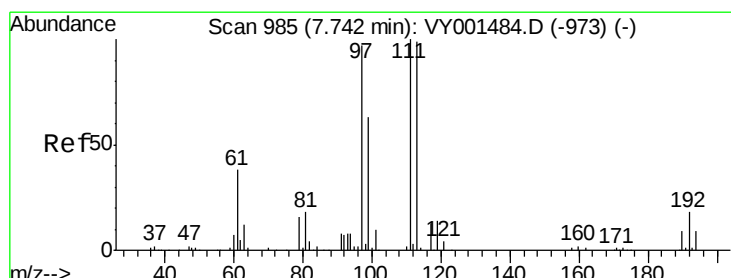
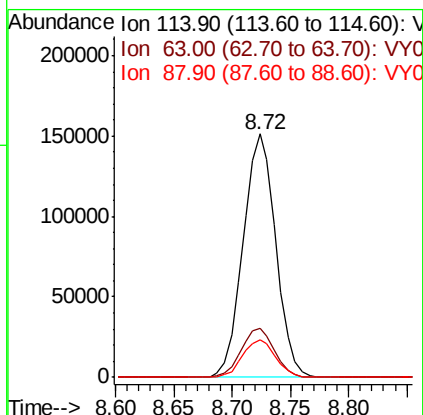
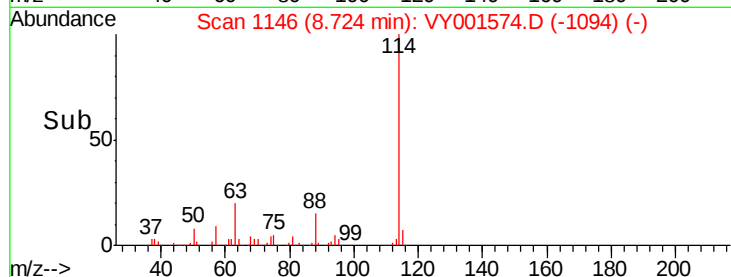
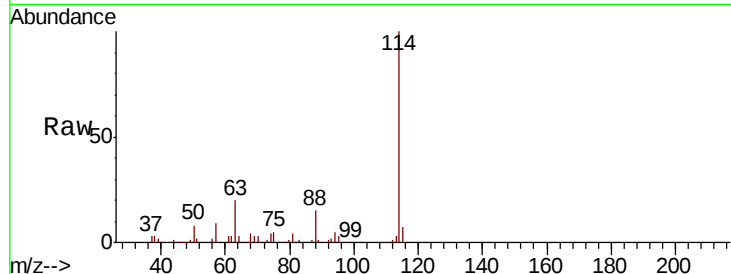




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1146
Delta R.T. 0.02 min
Lab File: VY001574.D
Acq: 07 Feb 2020 22:41

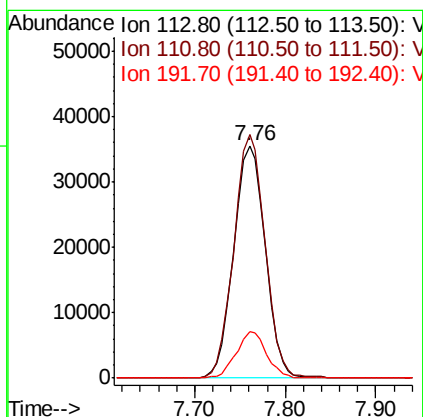
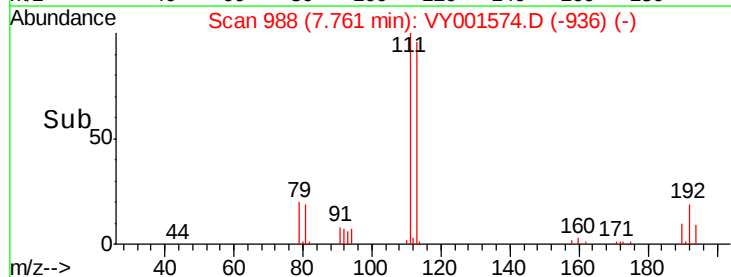
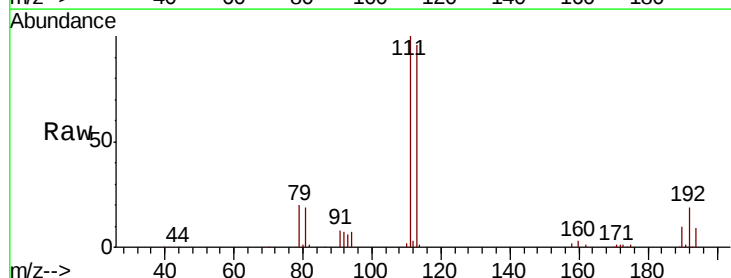
Instrument :
MSVOA_Y
ClientSampleId :

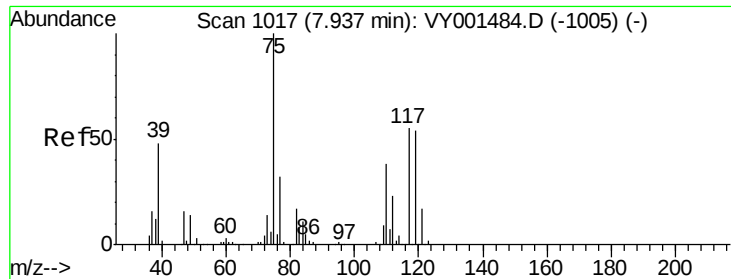
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	15.3	0.0	32.6



#35
Dibromofluoromethane
Concen: 50.534 ug/l
RT: 7.76 min Scan# 988
Delta R.T. 0.02 min
Lab File: VY001574.D
Acq: 07 Feb 2020 22:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	18.9	14.6	22.0

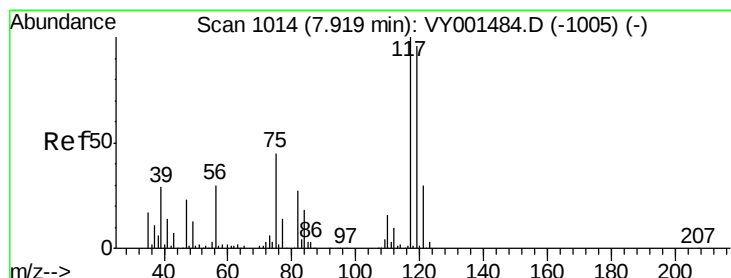
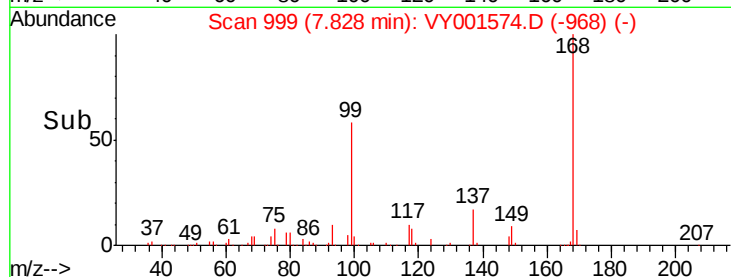
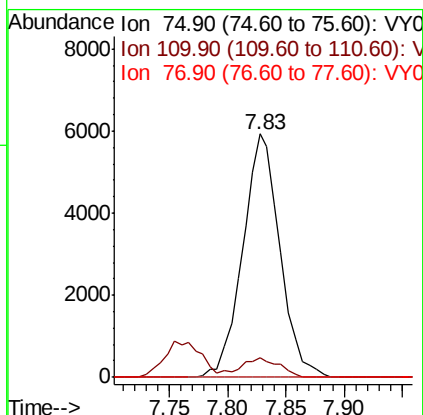
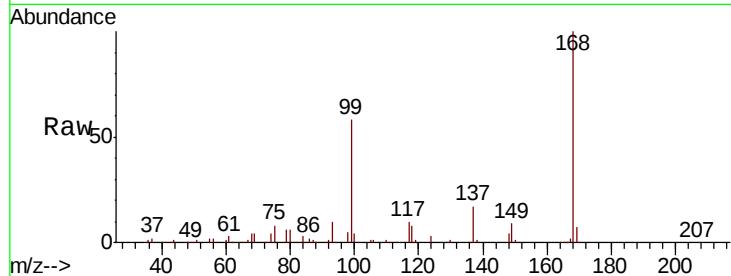




#36
 1,1-Dichloropropene
 Concen: 4.851 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.11 min
 Lab File: VY001574.D
 Acq: 07 Feb 2020 22:41

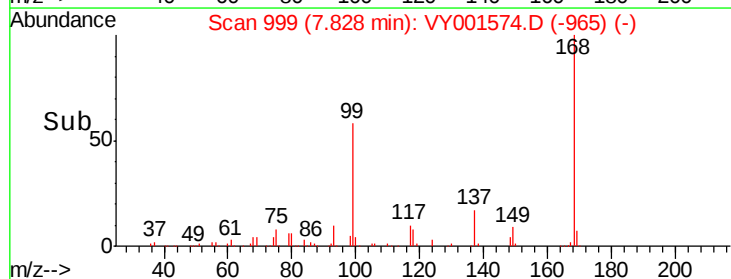
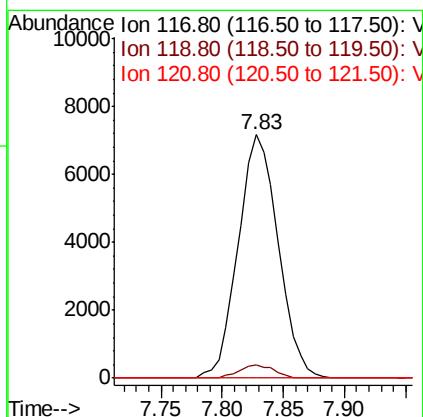
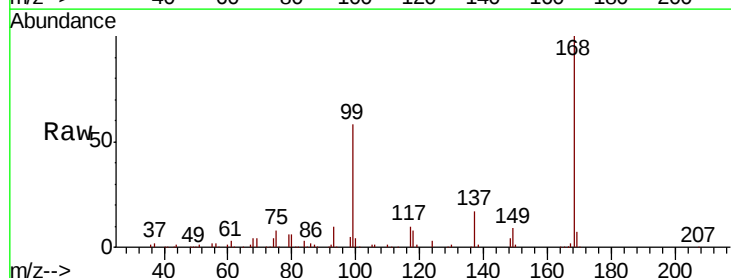
Instrument :
 MSVOA_Y
 ClientSampled :

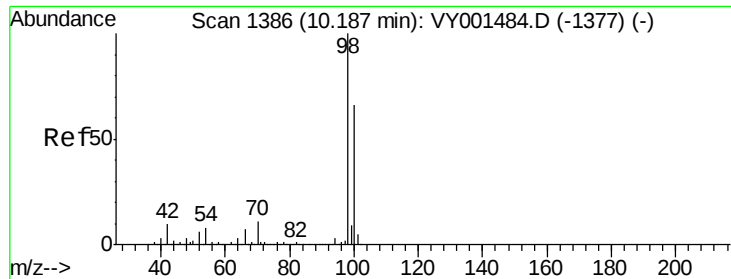
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.231 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.09 min
 Lab File: VY001574.D
 Acq: 07 Feb 2020 22:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.4	114.6#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 53.806 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

Instrument :

MSVOA_Y

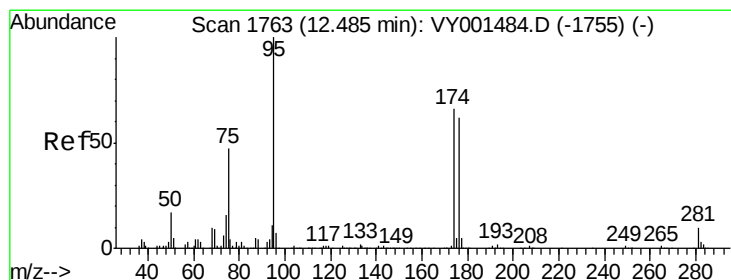
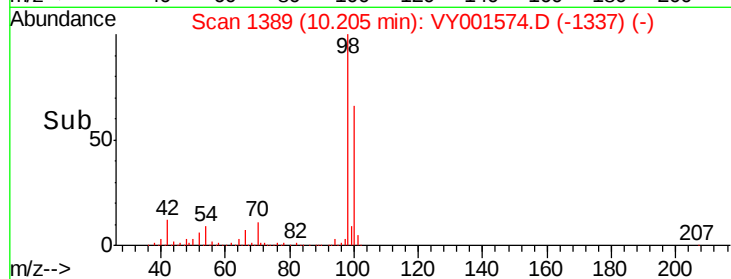
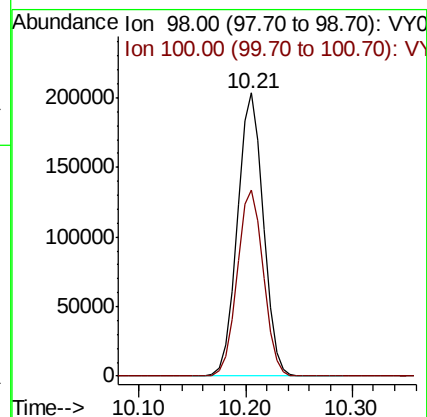
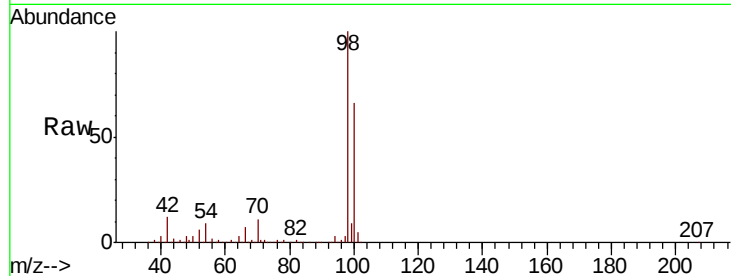
ClientSampleId :

Tot Ion: 98 Resp: 346972

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 40.425 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

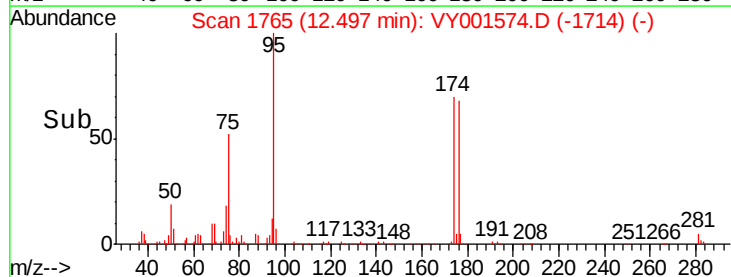
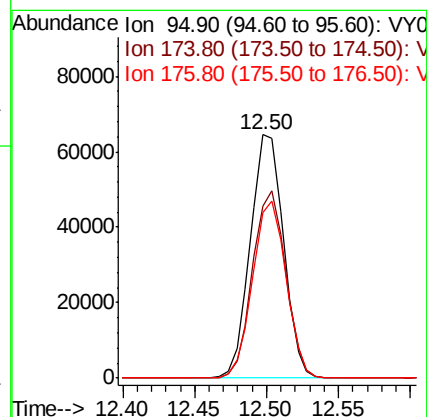
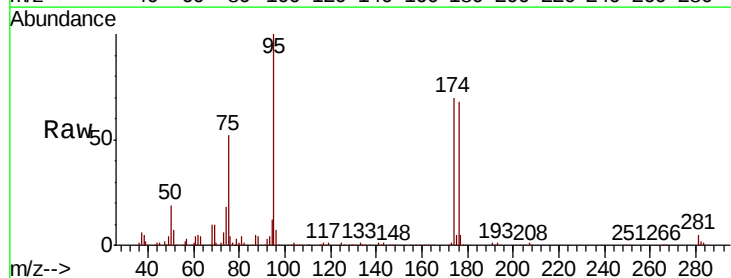
Tgt Ion: 95 Resp: 102697

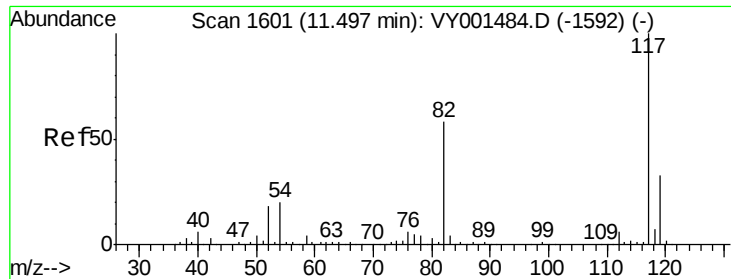
Ion Ratio Lower Upper

95 100

174 76.8 0.0 141.4

176 73.3 0.0 135.4

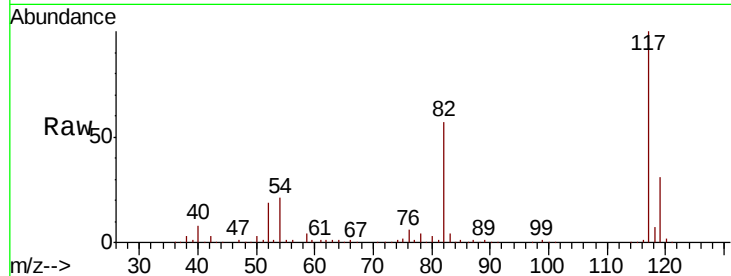




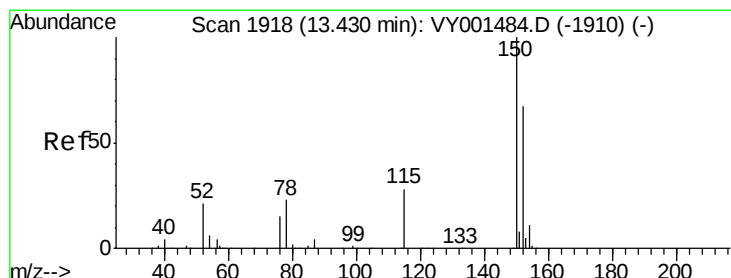
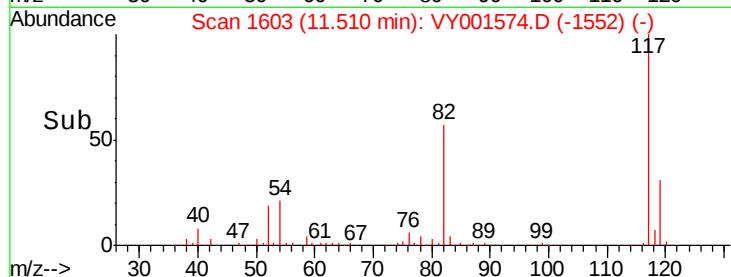
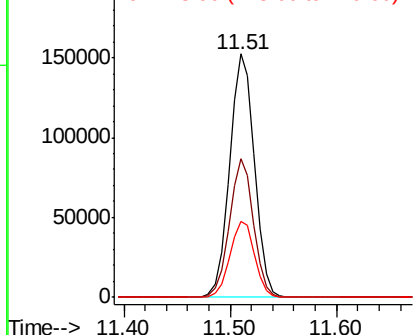
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001574.D
Acq: 07 Feb 2020 22:41

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 247518
Ion Ratio Lower Upper
117 100
82 56.8 46.1 69.1
119 31.5 26.1 39.1

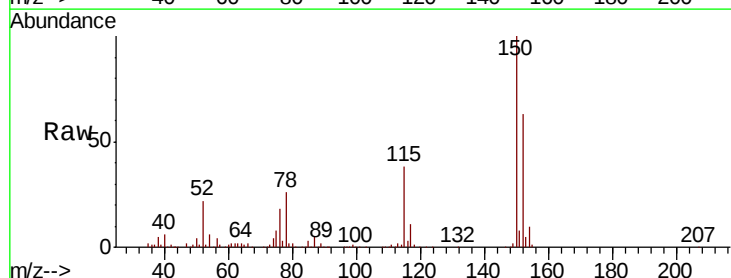


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

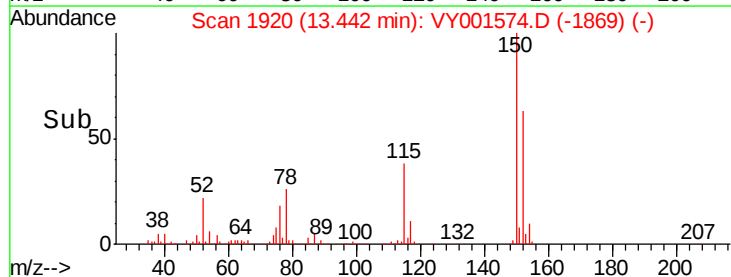
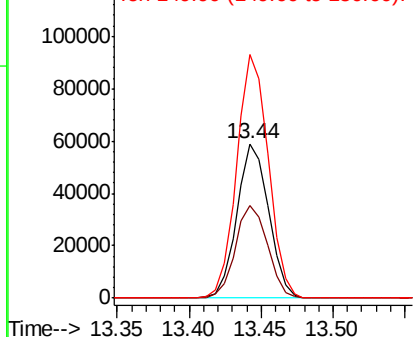


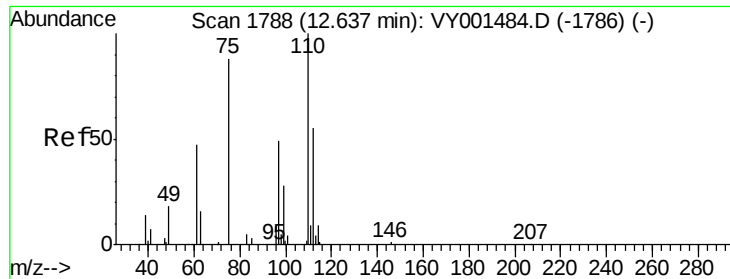
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001574.D
Acq: 07 Feb 2020 22:41

Tgt Ion:152 Resp: 90182
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.3
150 157.5 0.0 346.8



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: 54.501 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.14 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

Instrument :

MSVOA_Y

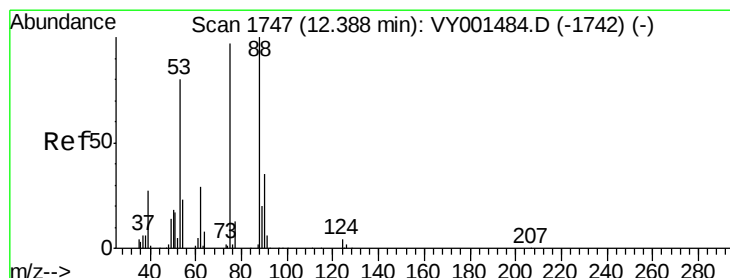
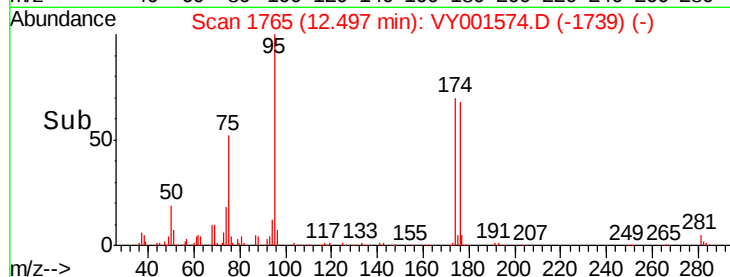
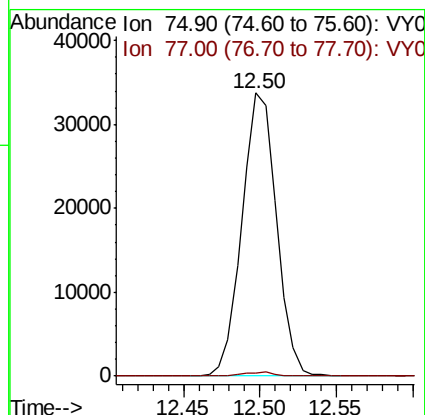
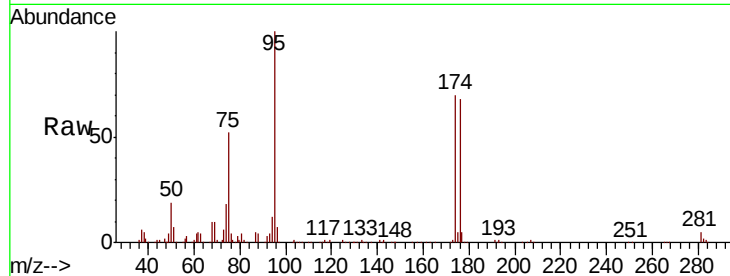
ClientSampleId :

Tot Ion: 75 Resp: 52856

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.457 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY001574.D

Acq: 07 Feb 2020 22:41

Tgt Ion: 75 Resp: 52856

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#

