

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002569.D
 Acq On : 05 May 2020 03:05
 Operator : SY/MD
 Sample : L2475-02
 Misc : 4.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 07:19:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

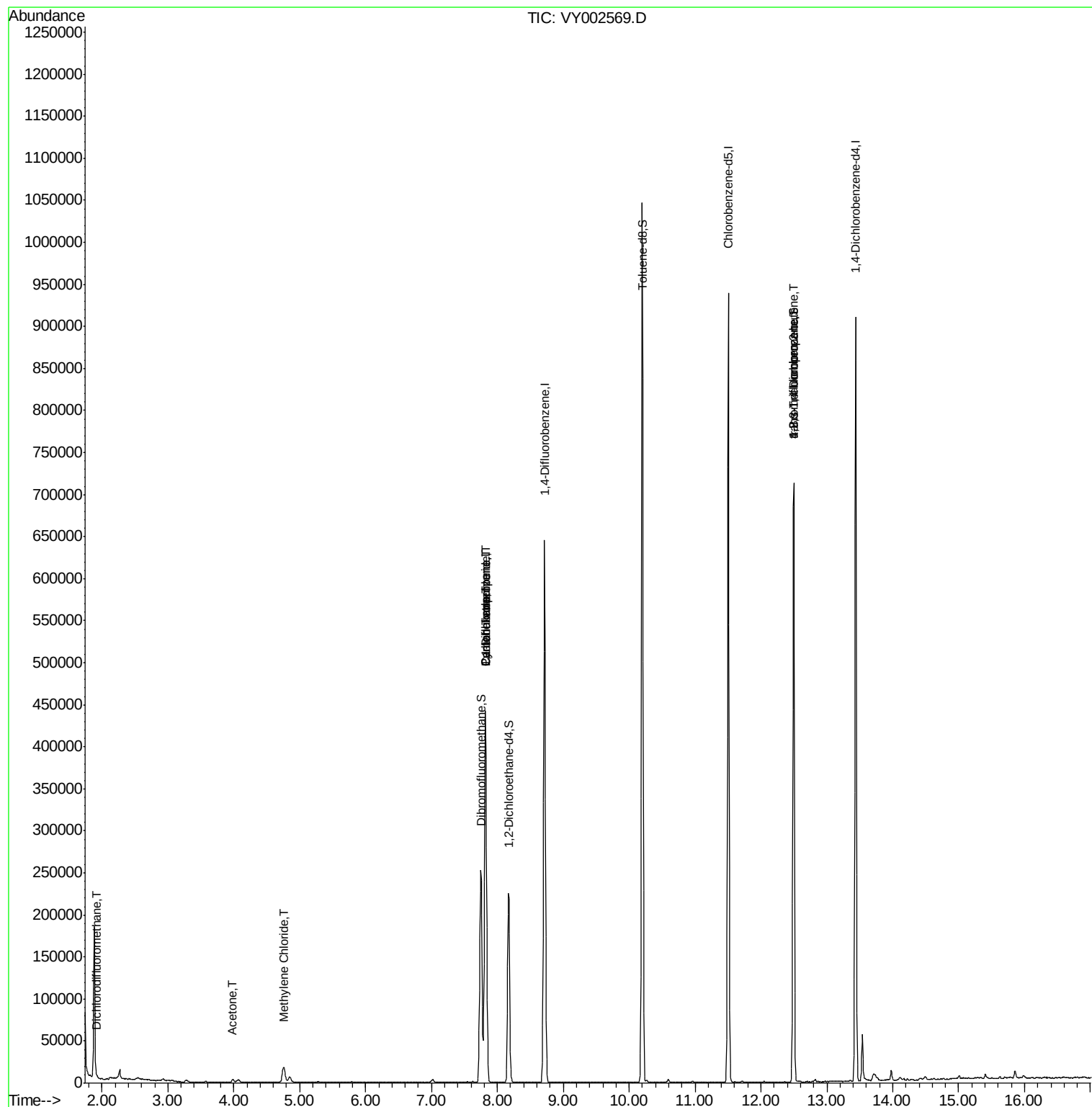
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	368989	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	596173	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	531840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	248615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	173668	55.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.96%	
35) Dibromofluoromethane	7.75	113	179687	52.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	10.20	98	701016	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.49	95	223771	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.92	85	53	1.801	ug/l #	43
16) Acetone	3.98	43	5417	8.460	ug/l	99
20) Methylene Chloride	4.76	84	15168	4.236	ug/l	96
31) Cyclohexane	7.82	56	6033	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	23627	4.727	ug/l #	49
38) Carbon Tetrachloride	7.82	117	33149	6.075	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	109960	49.770	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	109960	99.799	ug/l #	15

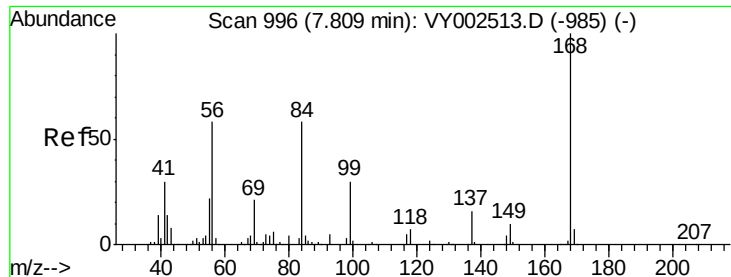
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002569.D

Acq: 05 May 2020 03:05

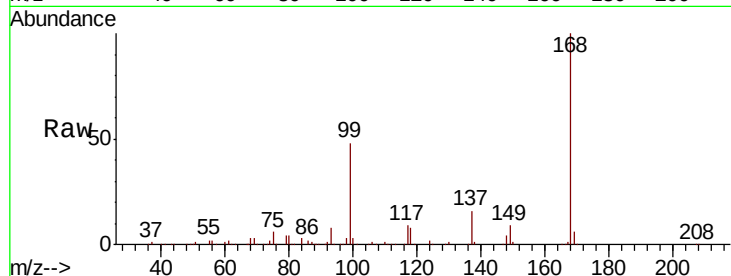
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 368989

Ion Ratio Lower Upper

168 100

99 48.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

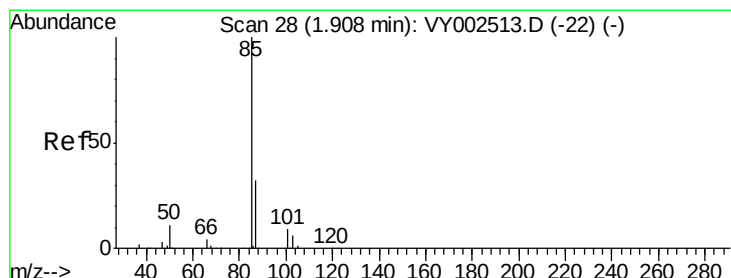
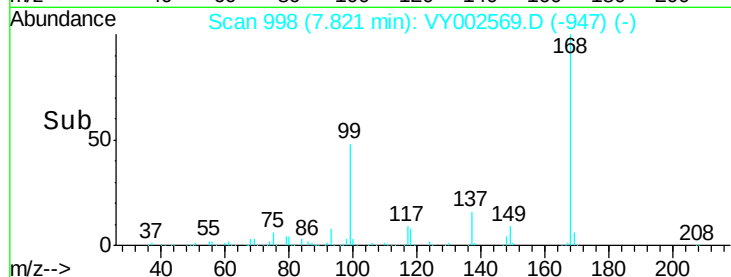
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.801 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002569.D

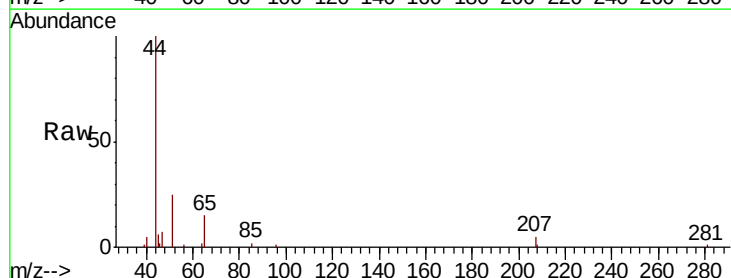
Acq: 05 May 2020 03:05

Tgt Ion: 85 Resp: 53

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.92

100

80

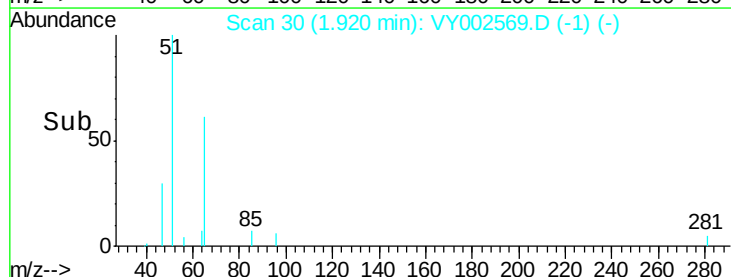
60

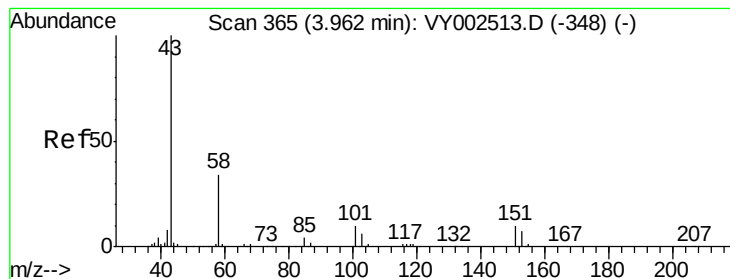
40

20

0

Time-->





#16

Acetone

Concen: 8.460 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002569.D

Acq: 05 May 2020 03:05

Instrument :

MSVOA_Y

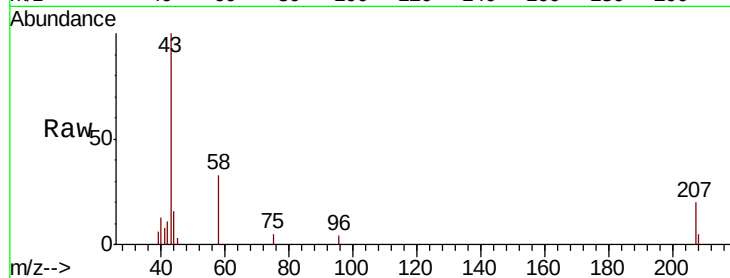
ClientSampleId :

Tot Ion: 43 Resp: 5417

Ion Ratio Lower Upper

43 100

58 33.2 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002569.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002569.D (-316) (-)

3.98

2000

1500

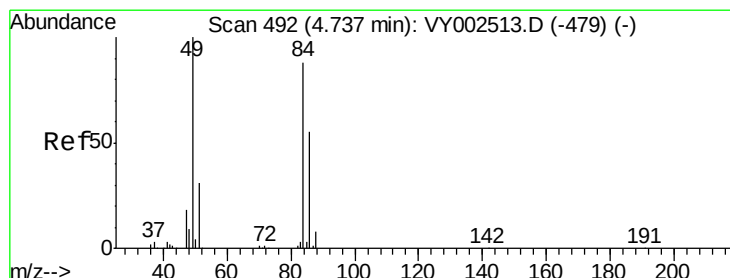
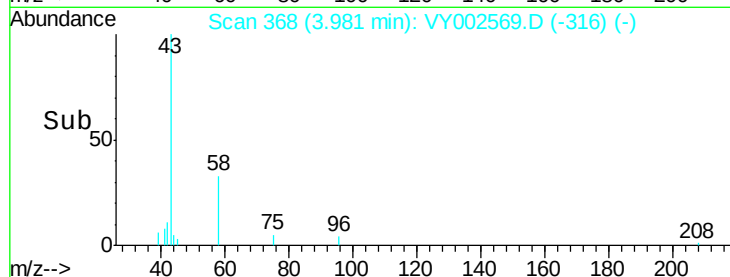
1000

500

0

3.90 3.95 4.00 4.05 4.10

Time-->



#20

Methylene Chloride

Concen: 4.236 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.02 min

Lab File: VY002569.D

Acq: 05 May 2020 03:05

Tgt Ion: 84 Resp: 15168

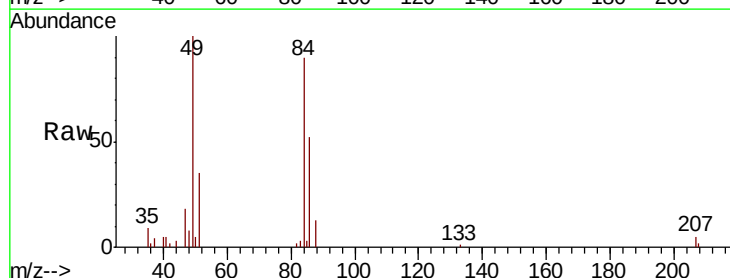
Ion Ratio Lower Upper

84 100

49 111.0 90.5 135.7

51 38.6 28.3 42.5

86 57.2 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY002569.D (-443) (-)

Ion 48.90 (48.60 to 49.60): VY002569.D (-443) (-)

Ion 50.90 (50.60 to 51.60): VY002569.D (-443) (-)

Ion 85.90 (85.60 to 86.60): VY002569.D (-443) (-)

8000

6000

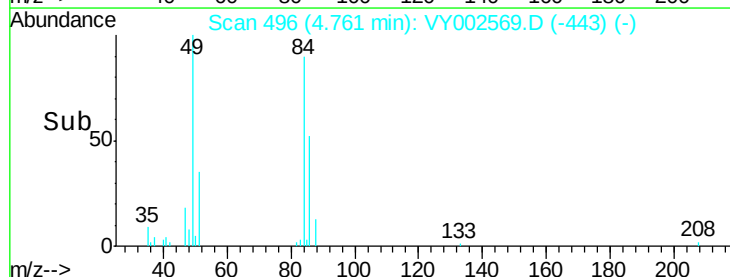
4000

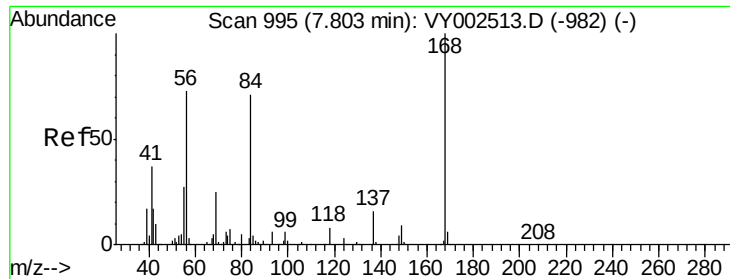
2000

0

4.60 4.70 4.80 4.90

Time-->





#31

Cyclohexane

Concen: 1.082 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002569.D

Acq: 05 May 2020 03:05

Instrument :
MSVOA_Y
ClientSampleId :

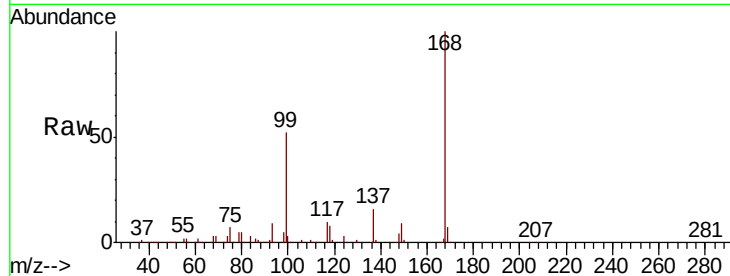
Tot Ion: 56 Resp: 6033

Ion Ratio Lower Upper

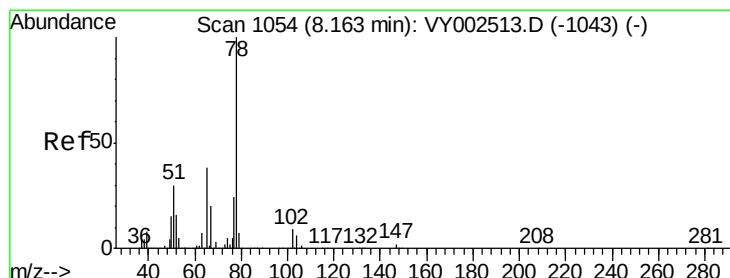
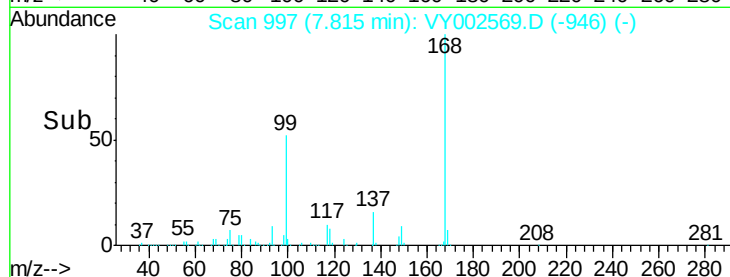
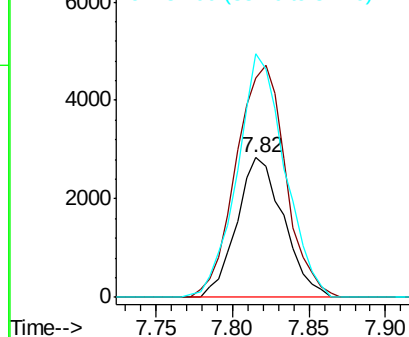
56 100

69 156.8 27.6 41.4#

84 174.4 77.7 116.5#



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: 55.976 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002569.D

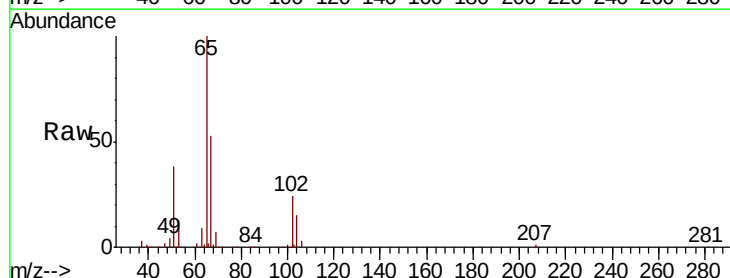
Acq: 05 May 2020 03:05

Tgt Ion: 65 Resp: 173668

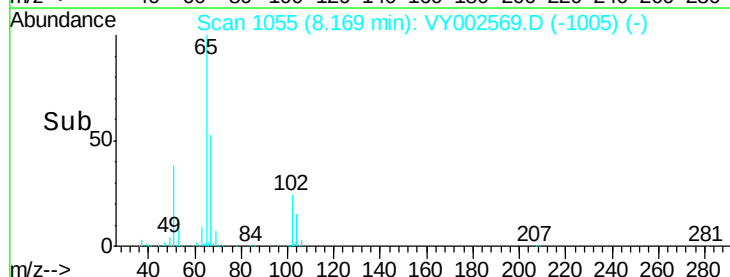
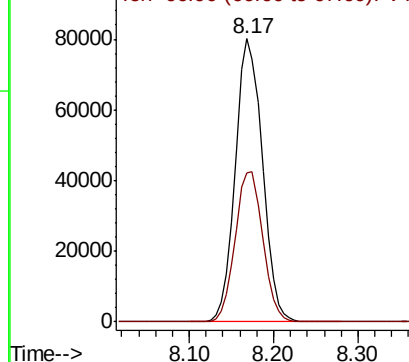
Ion Ratio Lower Upper

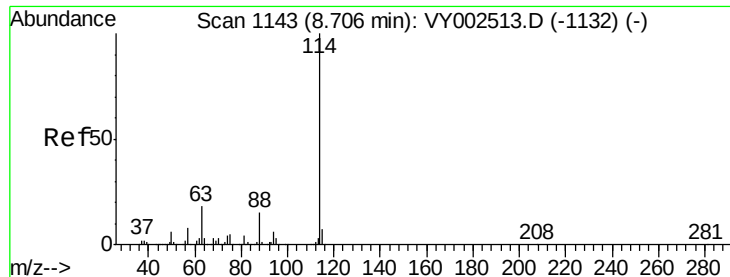
65 100

67 54.2 0.0 107.2



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

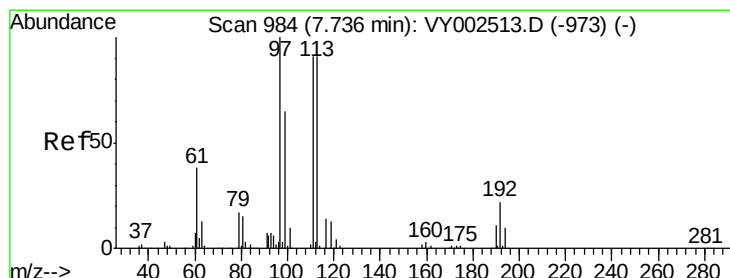
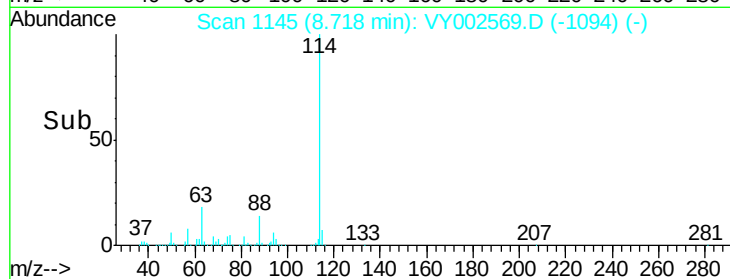
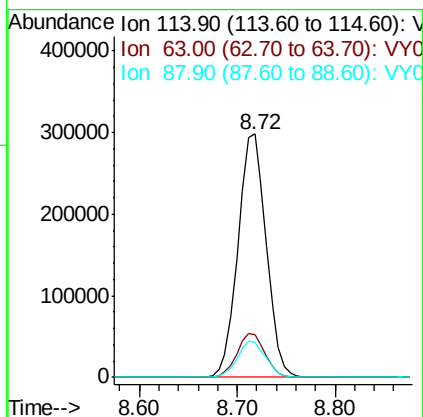
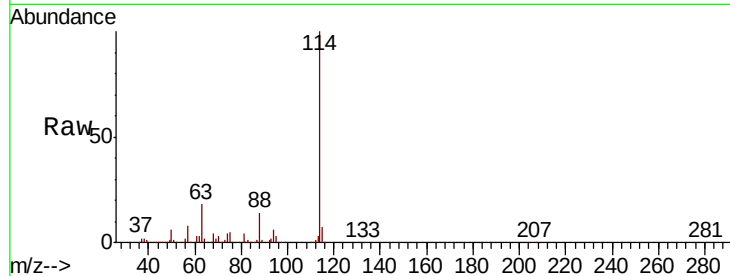




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002569.D
 Acq: 05 May 2020 03:05

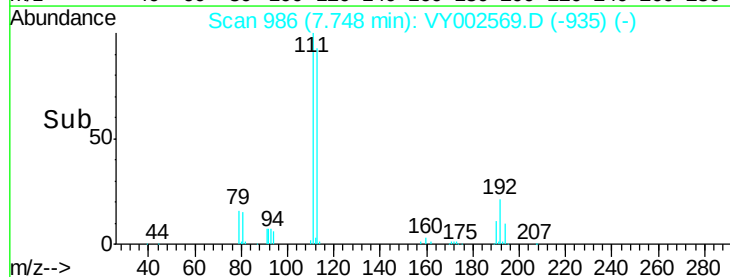
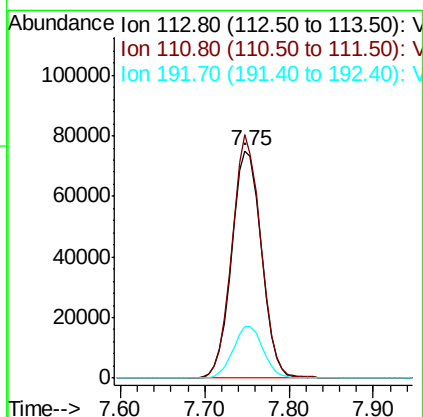
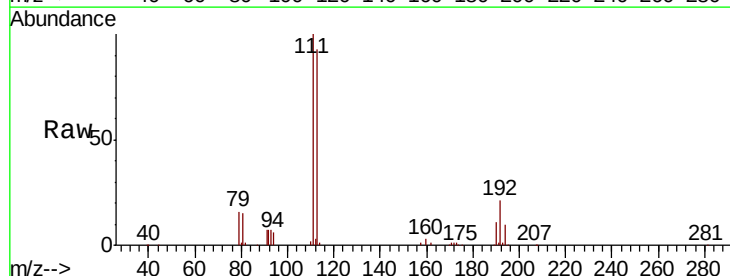
Instrument :
 MSVOA_Y
 ClientSampleId :

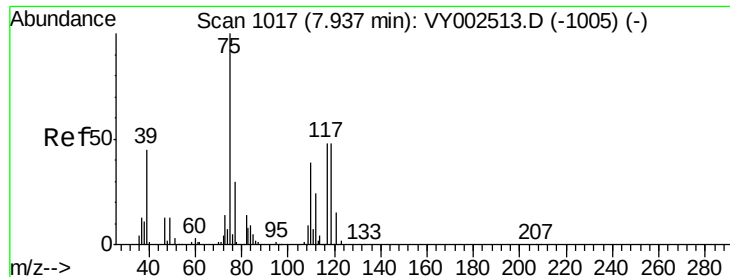
Tot Ion:114	Resp:	596173
Ion Ratio	Lower	Upper
114 100		
63 17.6	0.0	36.4
88 14.3	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 52.701 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002569.D
 Acq: 05 May 2020 03:05

Tgt Ion:113	Resp:	179687
Ion Ratio	Lower	Upper
113 100		
111 103.3	81.8	122.6
192 22.8	18.2	27.4

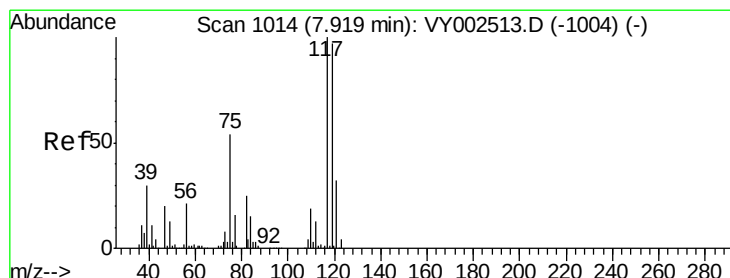
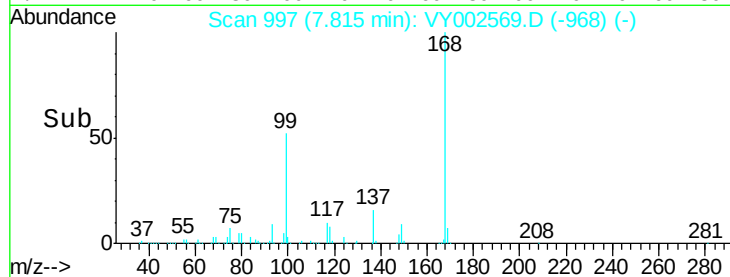
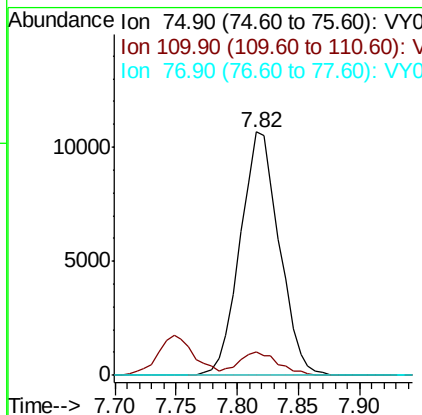
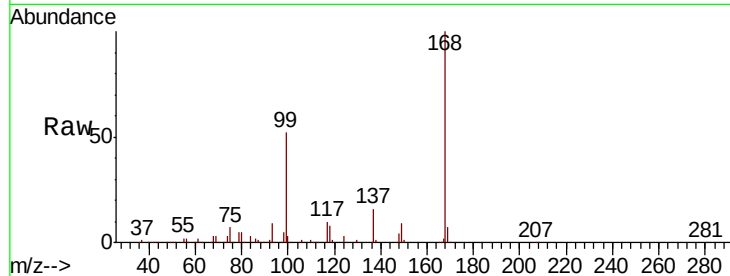




#36
 1,1-Dichloropropene
 Concen: 4.727 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002569.D
 Acq: 05 May 2020 03:05

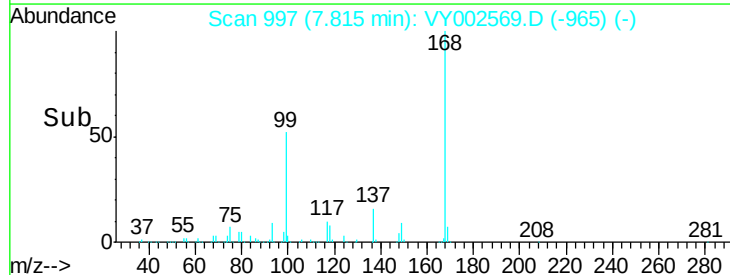
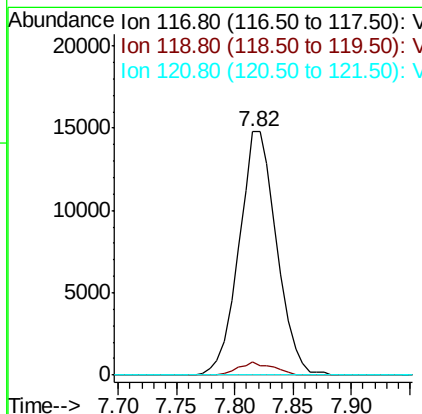
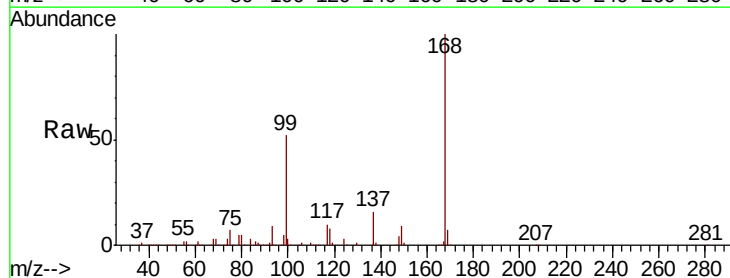
Instrument :
 MSVOA_Y
 ClientSampleId :

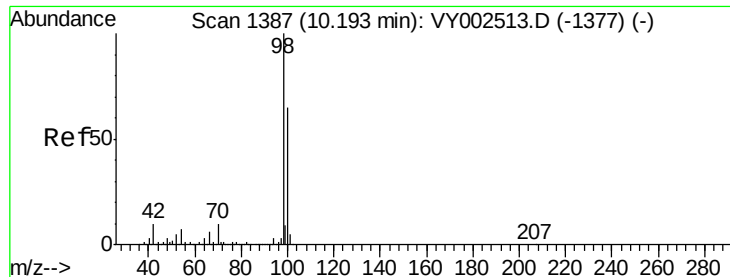
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.3#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.075 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002569.D
 Acq: 05 May 2020 03:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 52.650 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002569.D

Acq: 05 May 2020 03:05

Instrument :

MSVOA_Y

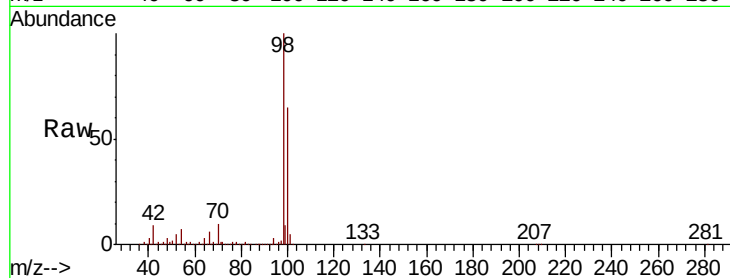
ClientSampleId :

Tot Ion: 98 Resp: 701016

Ion Ratio Lower Upper

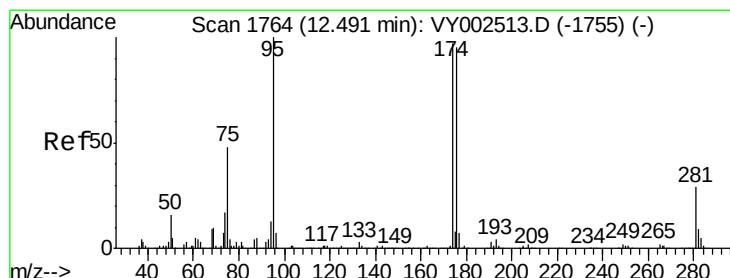
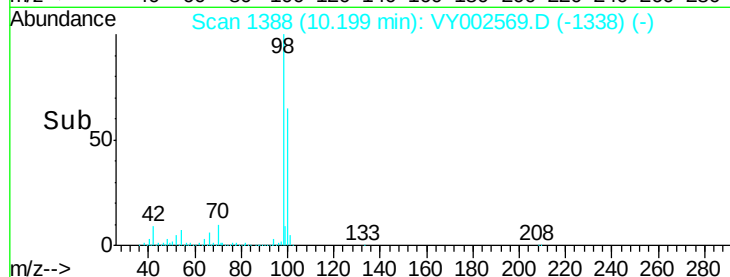
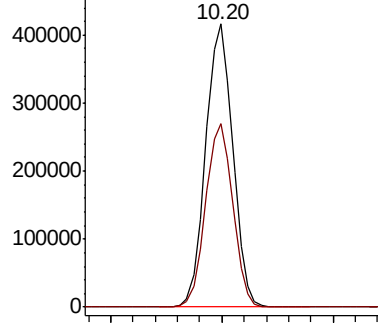
98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 49.529 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002569.D

Acq: 05 May 2020 03:05

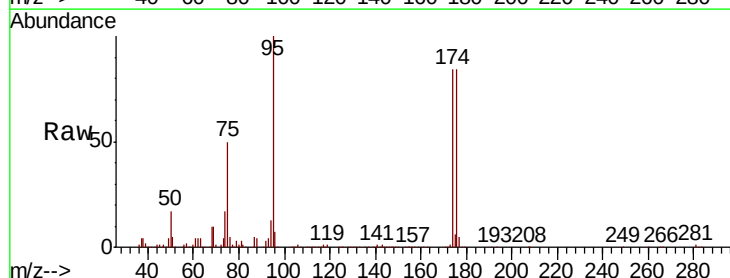
Tgt Ion: 95 Resp: 223771

Ion Ratio Lower Upper

95 100

174 91.6 0.0 188.8

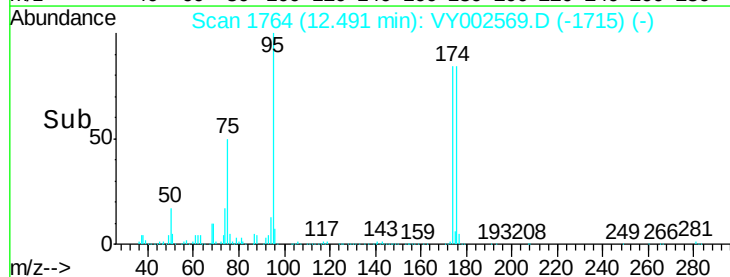
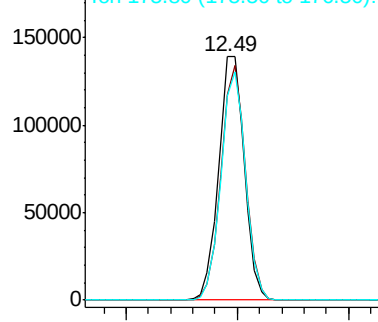
176 89.7 0.0 183.2

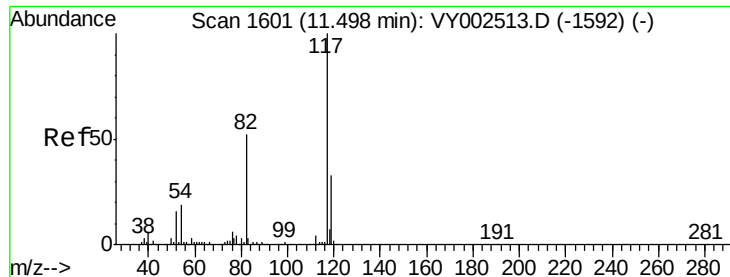


Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)

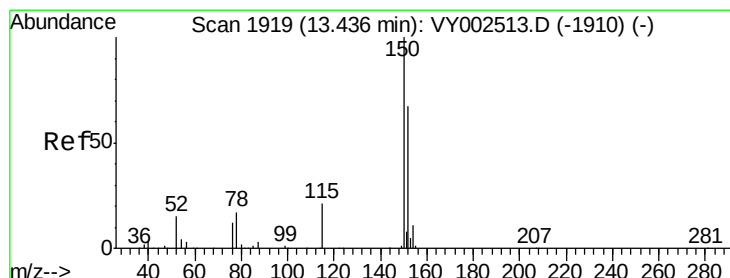
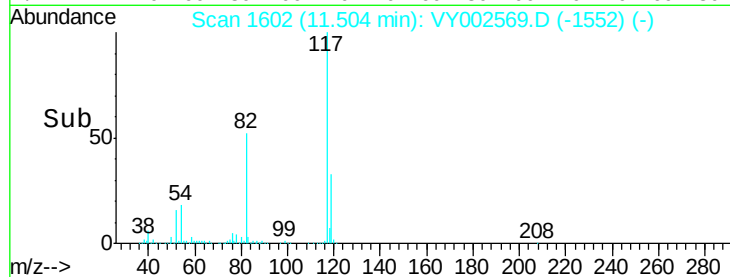
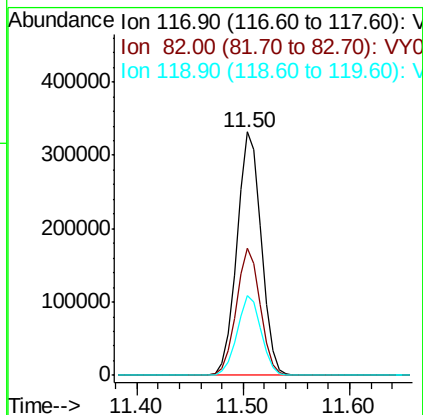
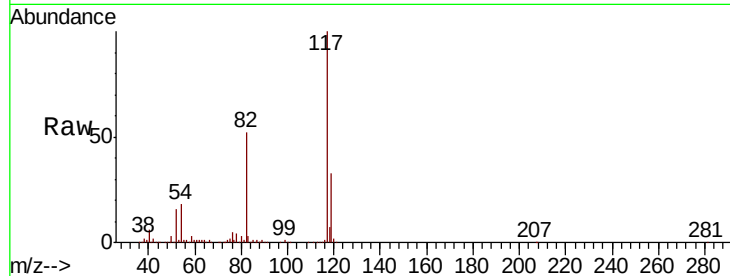




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002569.D
Acq: 05 May 2020 03:05

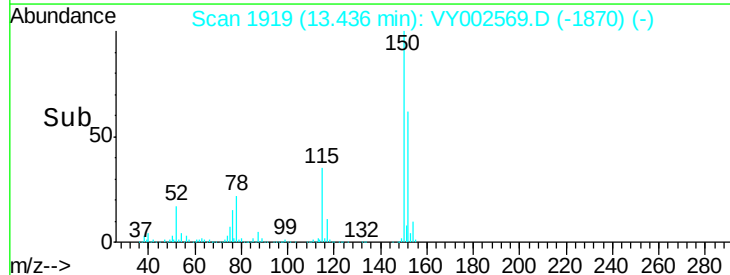
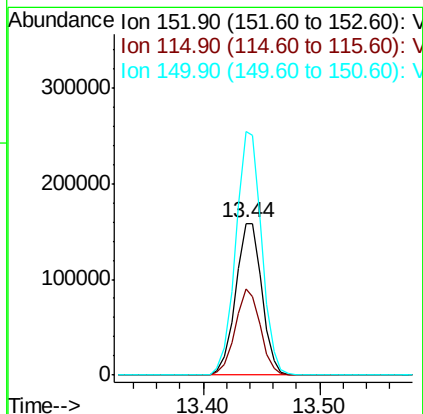
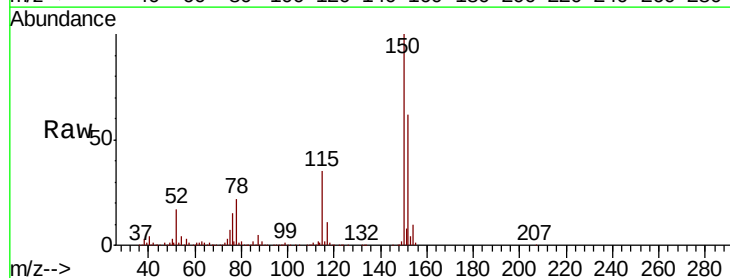
Instrument :
MSVOA_Y
ClientSampleId :

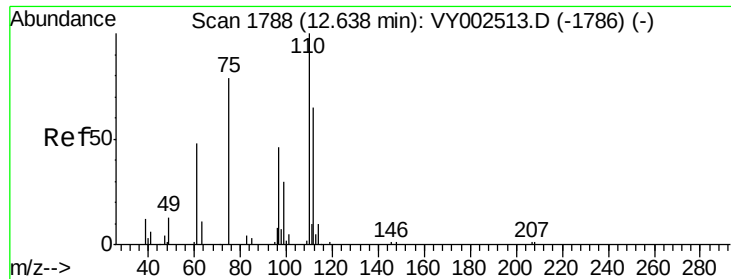
Tot Ion:117 Resp: 531840
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002569.D
Acq: 05 May 2020 03:05

Tgt Ion:152 Resp: 248615
Ion Ratio Lower Upper
152 100
115 54.1 27.5 82.4
150 158.0 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 49.770 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002569.D

Acq: 05 May 2020 03:05

Instrument :

MSVOA_Y

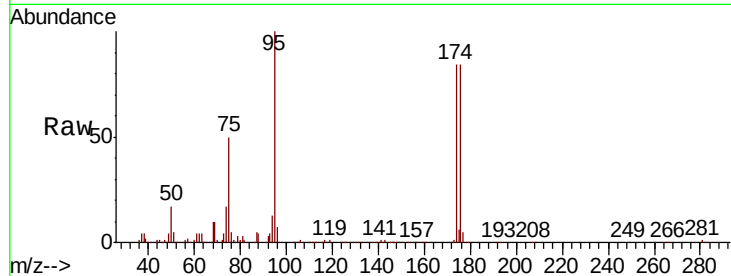
ClientSampleId :

Tot Ion: 75 Resp: 109960

Ion Ratio Lower Upper

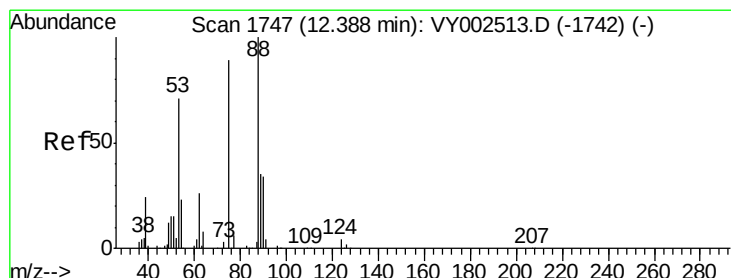
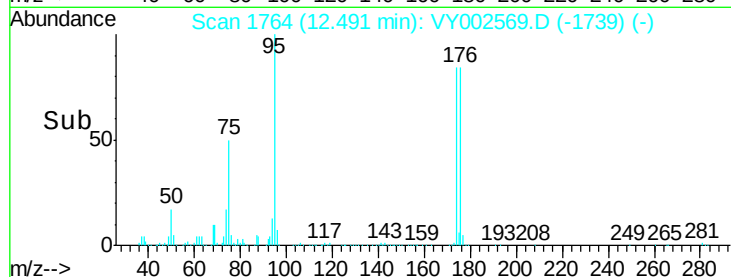
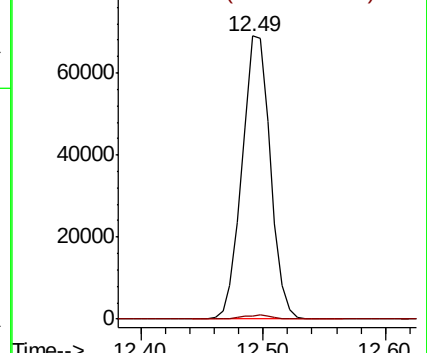
75 100

77 1.4 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: 99.799 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002569.D

Acq: 05 May 2020 03:05

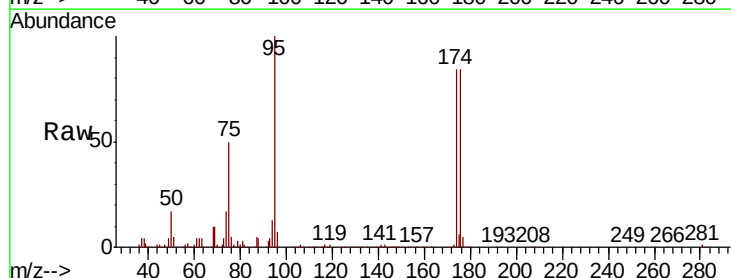
Tgt Ion: 75 Resp: 109960

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.0 37.4 56.0#



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

