

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002469.D
 Acq On : 23 Apr 2020 18:54
 Operator : SY/MD
 Sample : L2378-10
 Misc : 6.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:34:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

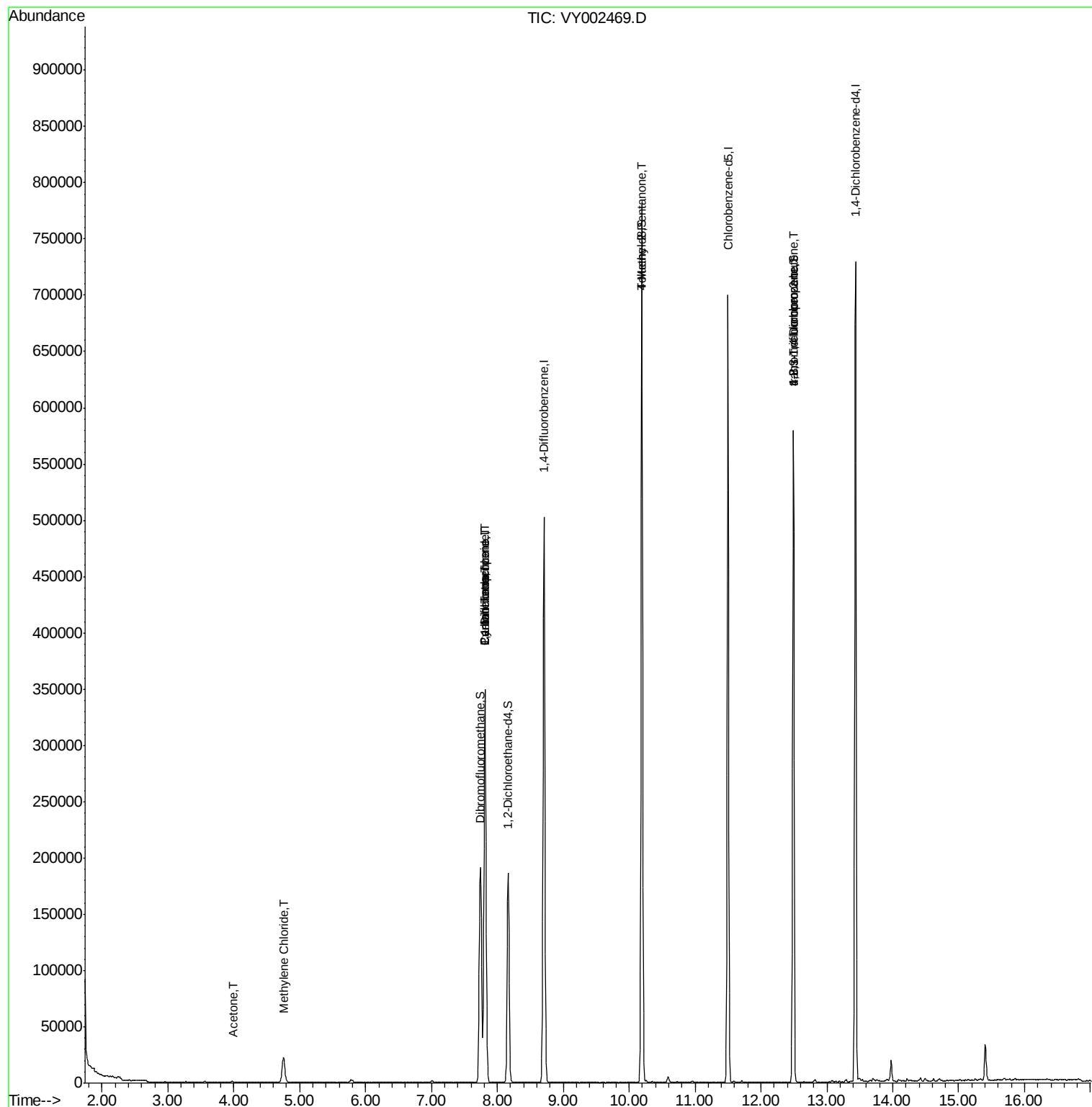
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	291608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	454708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	400398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	199842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	143382	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	7.74	113	138115	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
50) Toluene-d8	10.19	98	531117	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.49	95	167569	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
Target Compounds						
					Qvalue	
16) Acetone	3.99	43	1879	3.528	ug/l	98
20) Methylene Chloride	4.75	84	17800	5.853	ug/l	96
31) Cyclohexane	7.81	56	4586	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	18955	4.862	ug/l #	49
38) Carbon Tetrachloride	7.81	117	26364	5.880	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1970	1.035	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	82159	48.507	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	82159	89.760	ug/l #	15

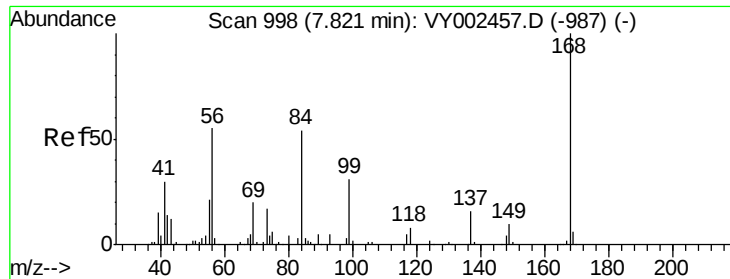
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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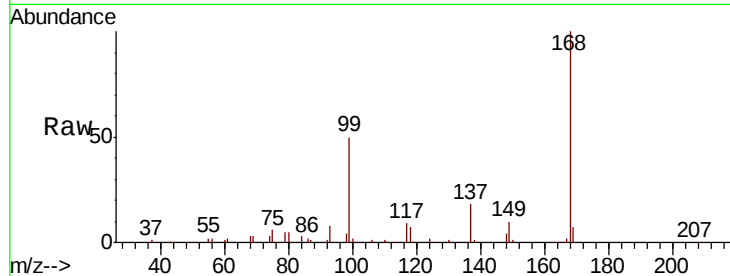


#1

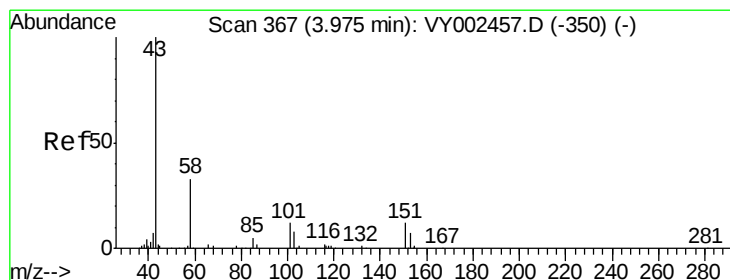
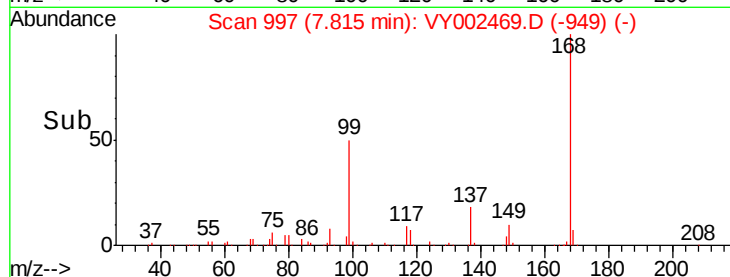
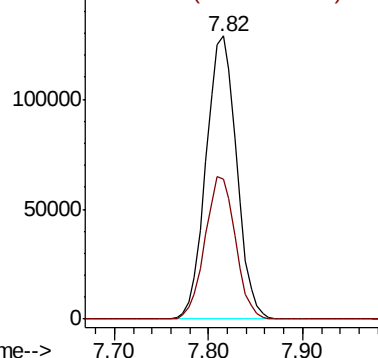
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: VY002469.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 291608
 Ion Ratio Lower Upper
 168 100
 99 49.6 39.7 59.5



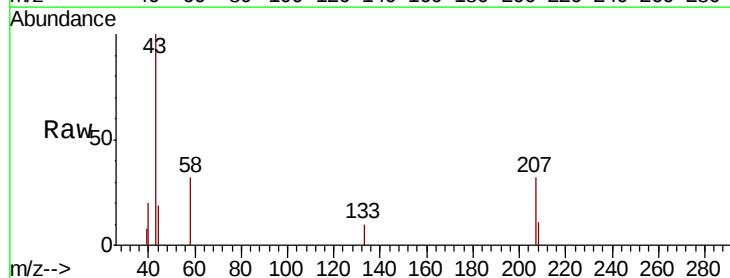
Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)
 Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)



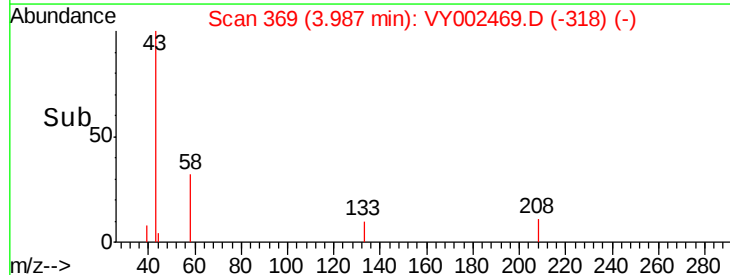
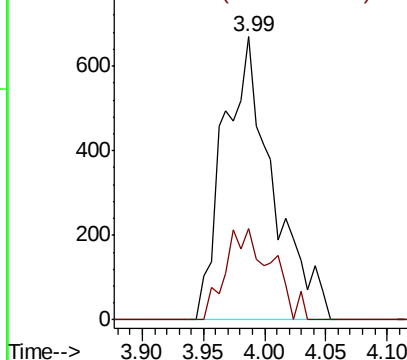
#16

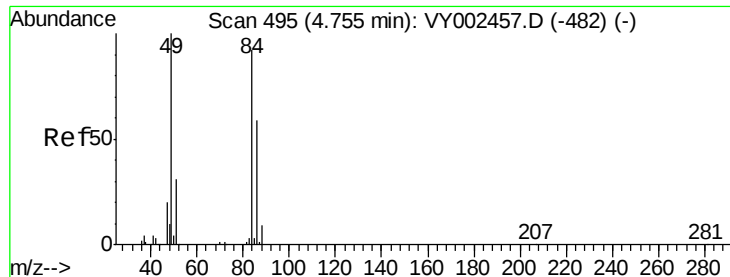
Acetone
 Concen: 3.528 ug/l
 RT: 3.99 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VY002469.D
 Acq: 23 Apr 2020 18:54

Tgt Ion: 43 Resp: 1879
 Ion Ratio Lower Upper
 43 100
 58 32.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)
 Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)

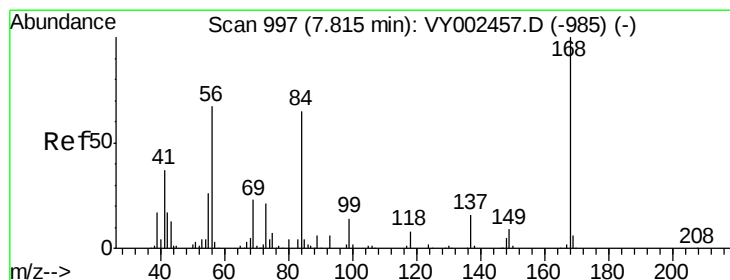
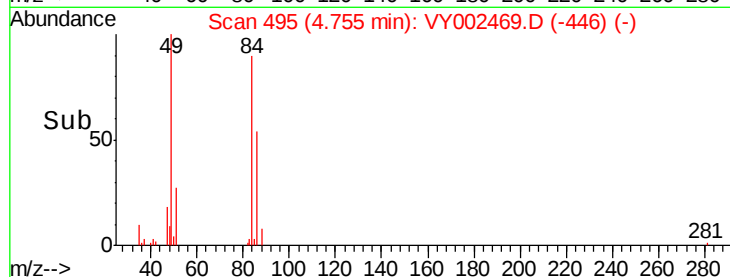
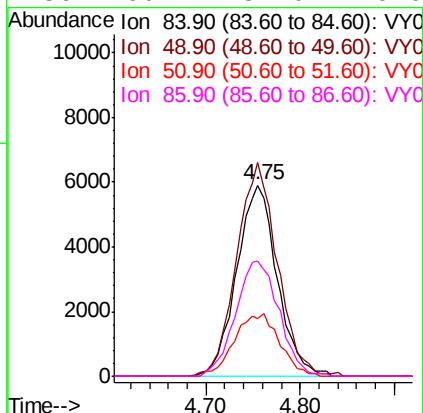
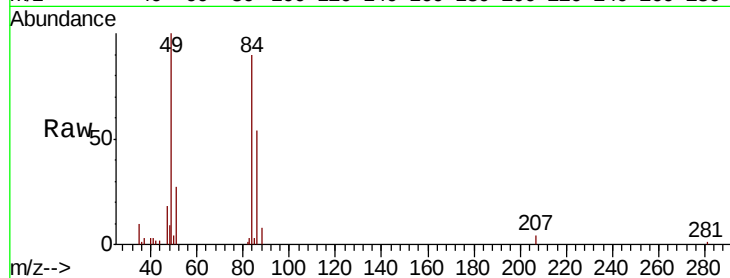




#20
Methvlene Chloride
Concen: 5.853 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.00 min
Lab File: VY002469.D
Acq: 23 Apr 2020 18:54

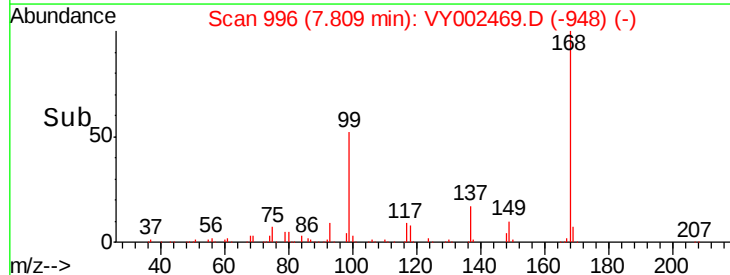
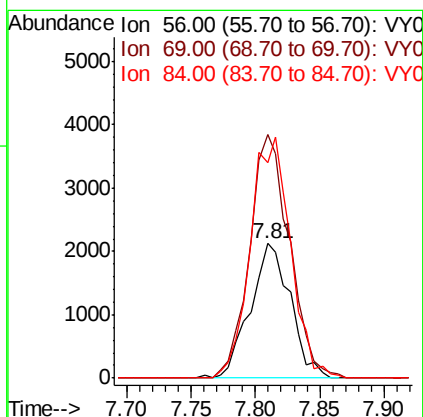
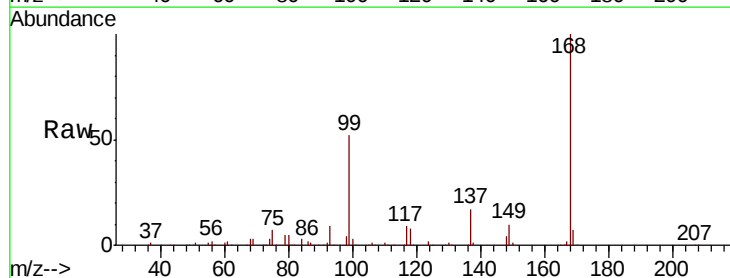
Instrument :
MSVOA_Y
ClientSampleId :

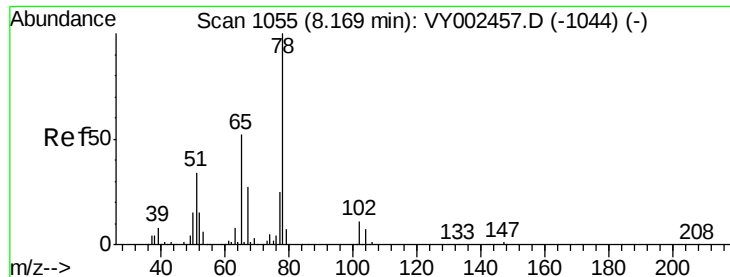
Tot Ion:	84	Resp:	17800
Ion	Ratio	Lower	Upper
84	100		
49	111.7	86.9	130.3
51	30.5	27.3	40.9
86	60.4	51.0	76.6



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY002469.D
Acq: 23 Apr 2020 18:54

Tgt Ion:	56	Resp:	4586
Ion	Ratio	Lower	Upper
56	100		
69	181.3	27.0	40.6#
84	160.8	77.4	116.2#

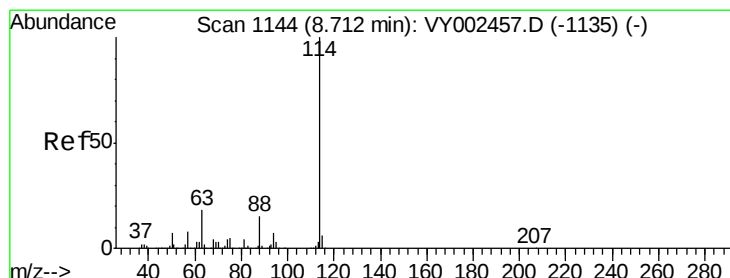
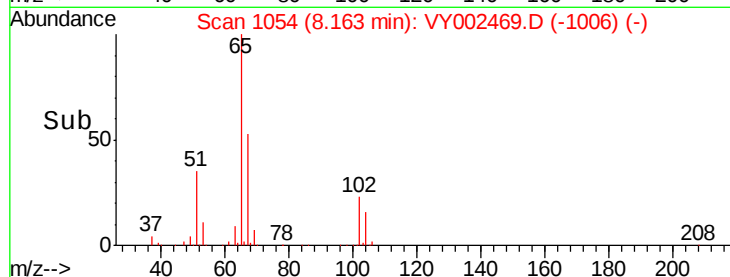
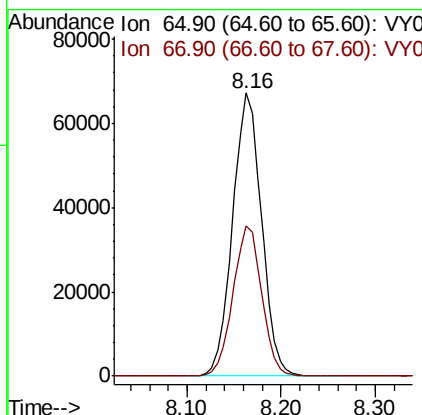
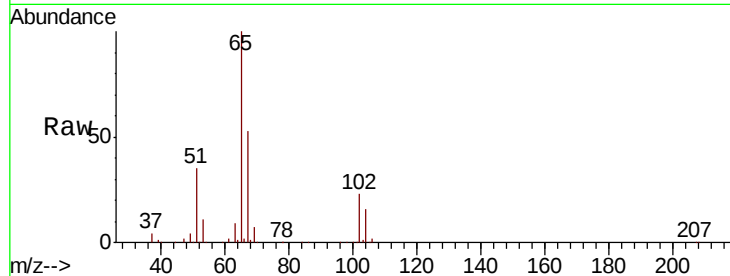




#33
 1,2-Dichloroethane-d4
 Concen: 56.256 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002469.D
 Acq: 23 Apr 2020 18:54

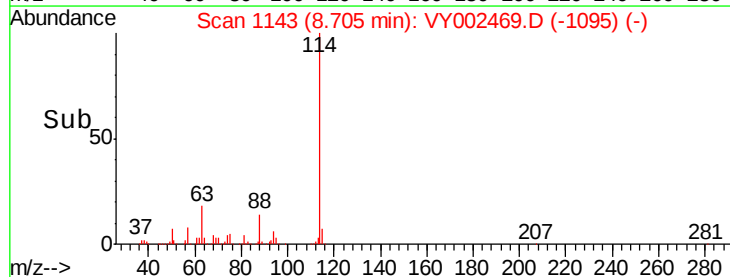
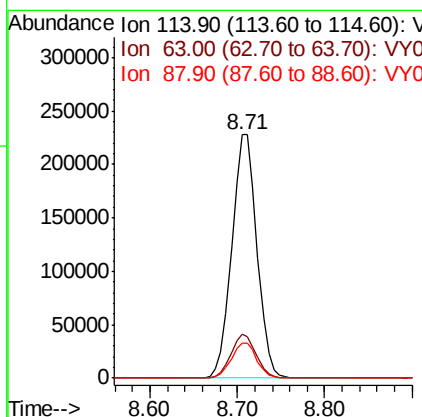
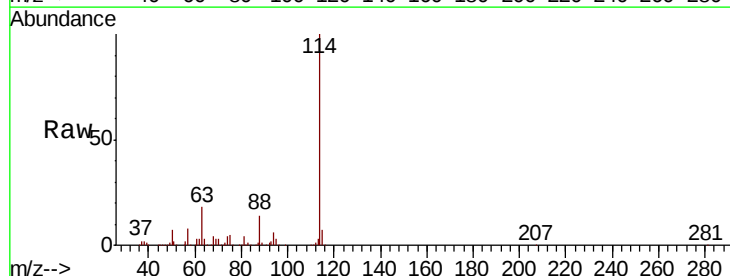
Instrument :
 MSVOA_Y
 ClientSampleId :

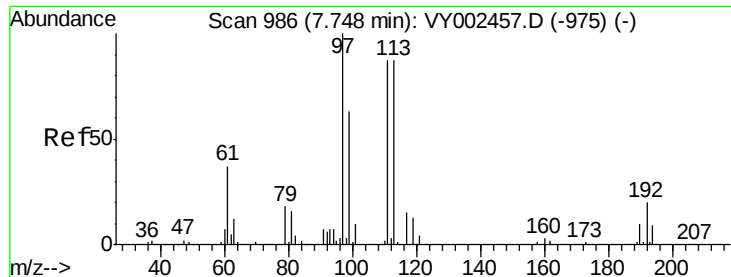
Tot Ion: 65 Resp: 143382
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002469.D
 Acq: 23 Apr 2020 18:54

Tgt Ion: 114 Resp: 454708
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.850 ug/l

RT: 7.74 min Scan# 985

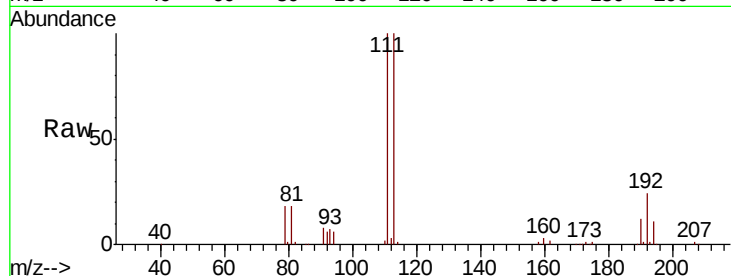
Delta R.T. -0.01 min

Lab File: VY002469.D

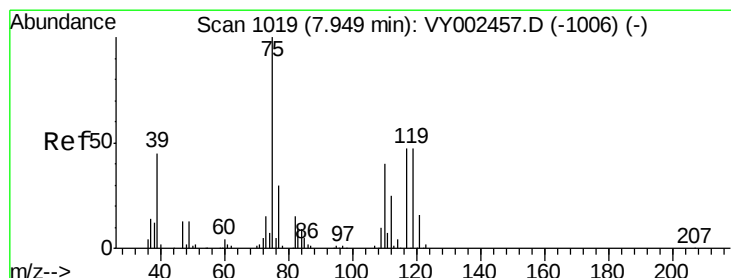
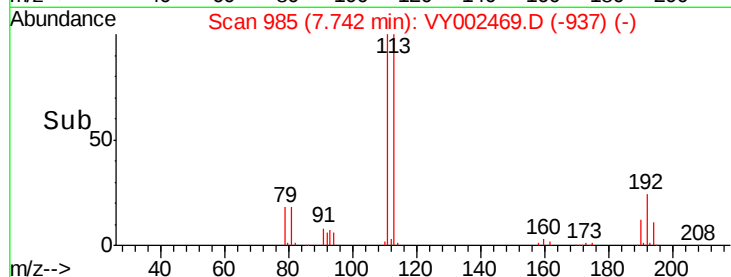
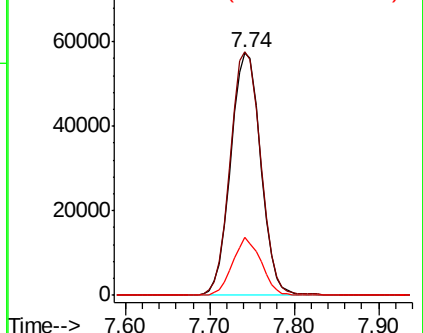
Acq: 23 Apr 2020 18:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113	Resp:	138115
Ion Ratio	Lower	Upper
113	100	
111	102.0	81.0 121.4
192	22.6	18.6 27.8



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: 4.862 ug/l

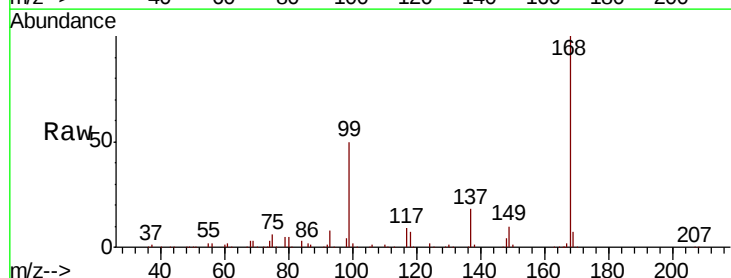
RT: 7.82 min Scan# 997

Delta R.T. -0.13 min

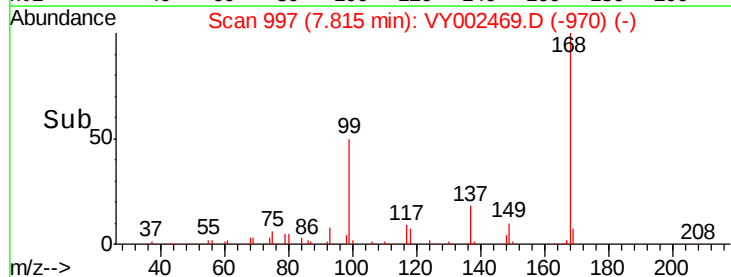
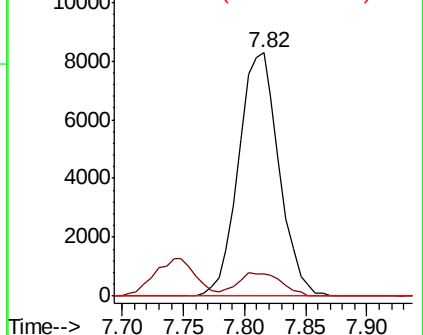
Lab File: VY002469.D

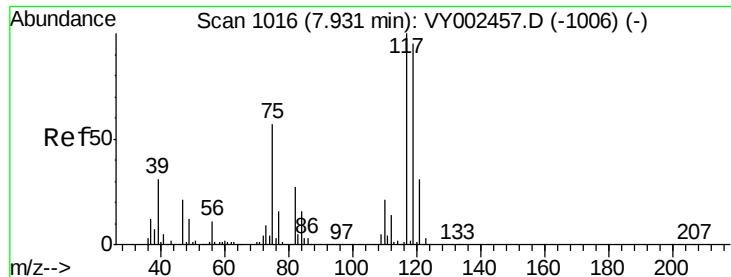
Acq: 23 Apr 2020 18:54

Tgt Ion: 75	Resp:	18955
Ion Ratio	Lower	Upper
75	100	
110	10.3	19.4 58.4#
77	0.0	24.7 37.1#



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

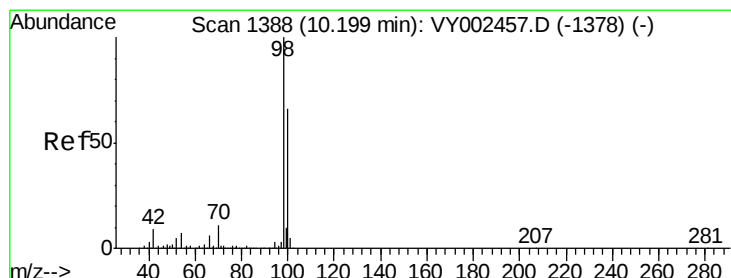
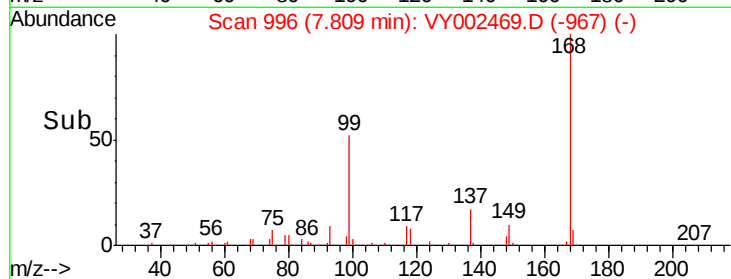
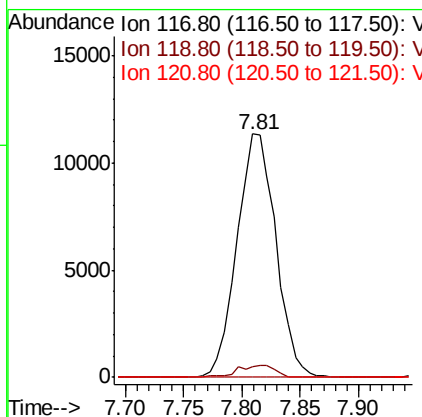
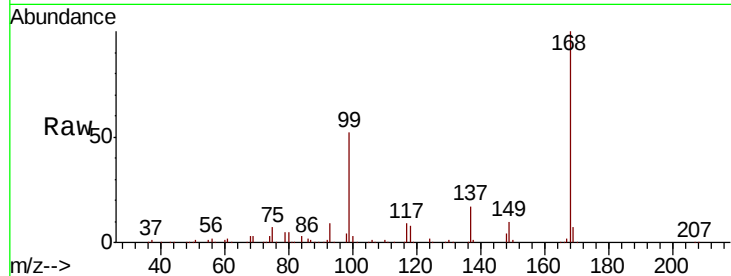




#38
Carbon Tetrachloride
Concen: 5.880 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY002469.D
Acq: 23 Apr 2020 18:54

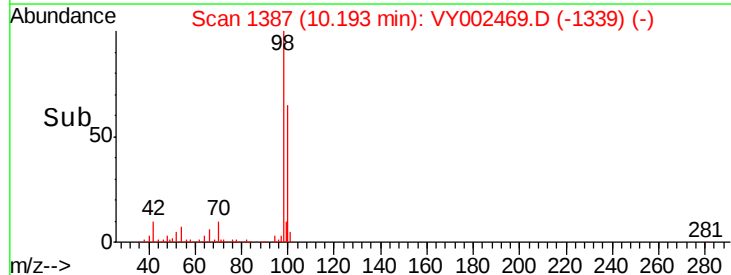
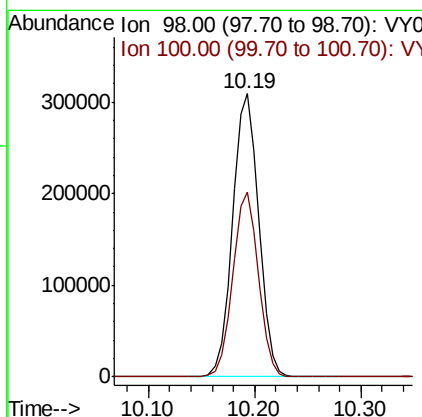
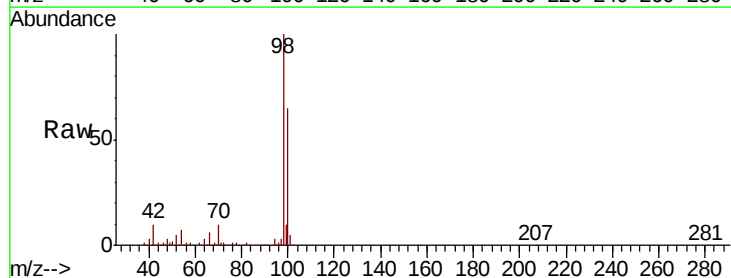
Instrument :
MSVOA_Y
ClientSampleId :

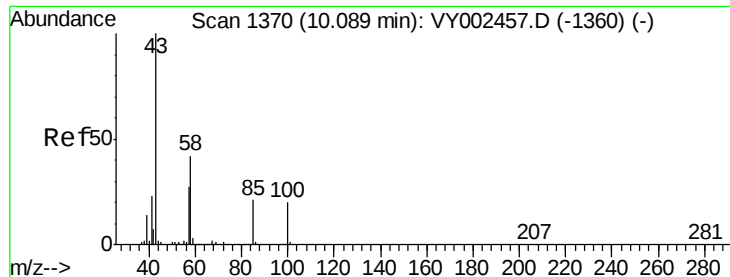
Tot Ion:117 Resp: 26364
Ion Ratio Lower Upper
117 100
119 4.6 75.9 113.9#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.522 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002469.D
Acq: 23 Apr 2020 18:54

Tgt Ion: 98 Resp: 531117
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 1.035 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.10 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_Y

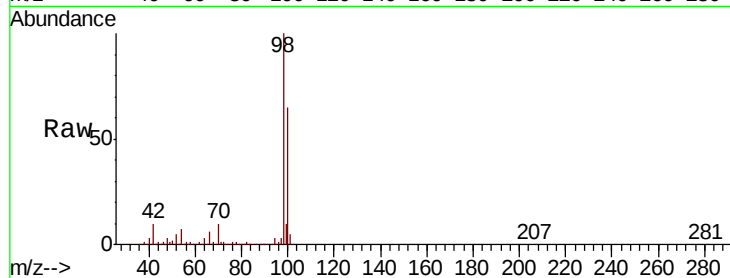
ClientSampleId :

Tot Ion: 43 Resp: 1970

Ion Ratio Lower Upper

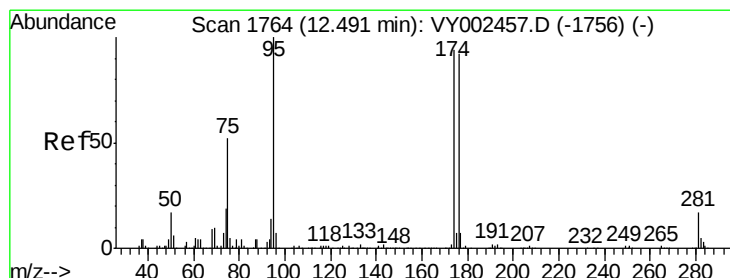
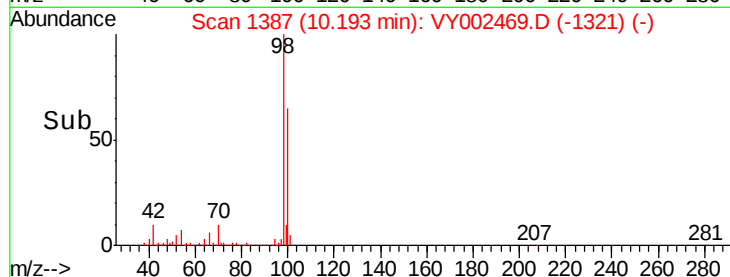
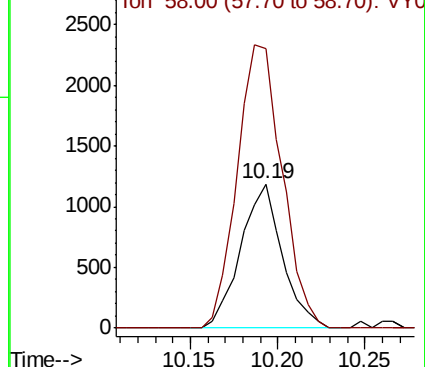
43 100

58 212.0 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 48.445 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

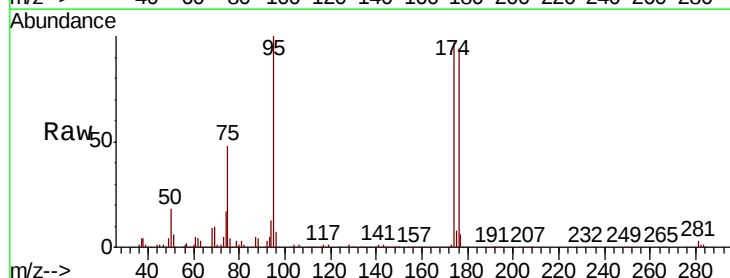
Tgt Ion: 95 Resp: 167569

Ion Ratio Lower Upper

95 100

174 96.2 0.0 193.0

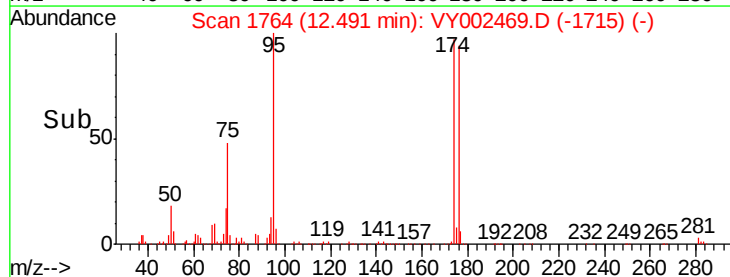
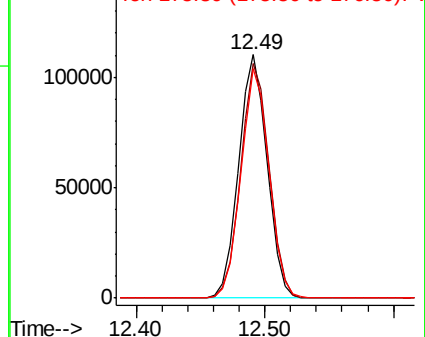
176 93.0 0.0 190.4

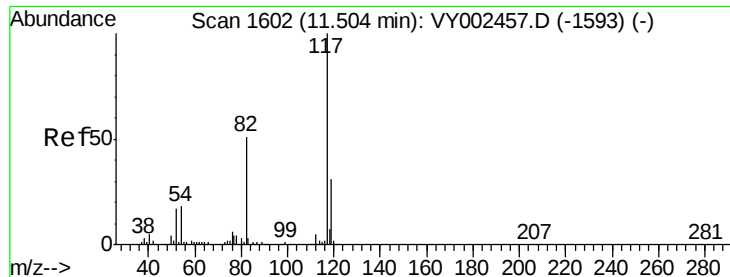


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

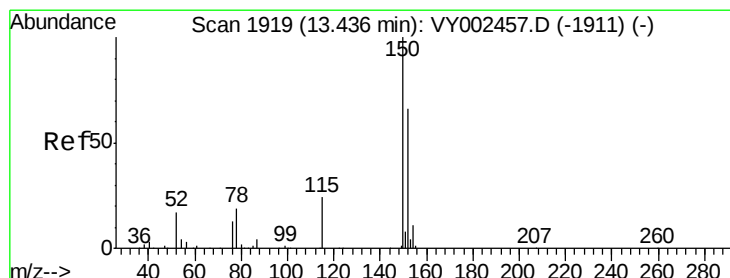
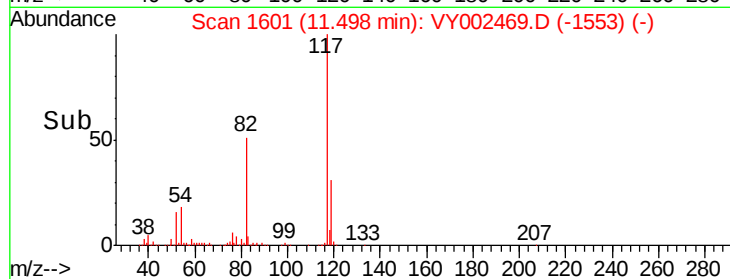
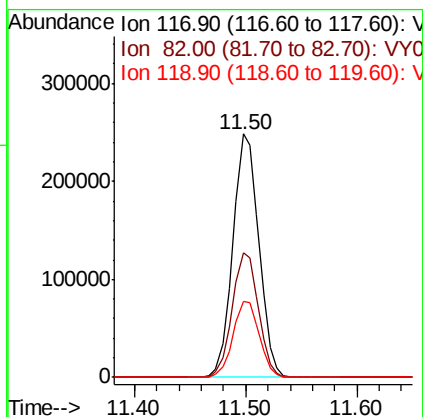
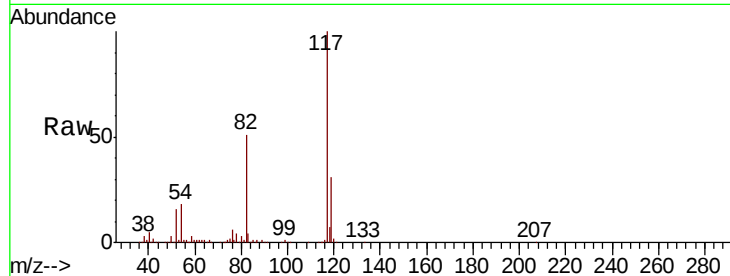




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002469.D
Acq: 23 Apr 2020 18:54

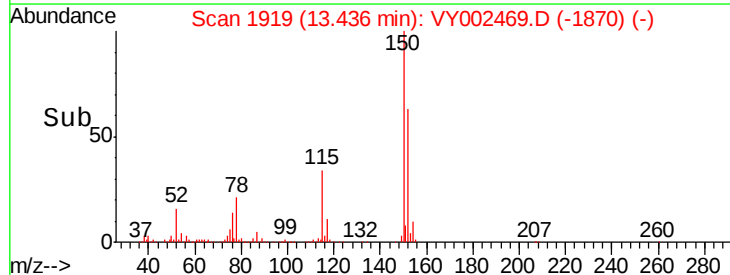
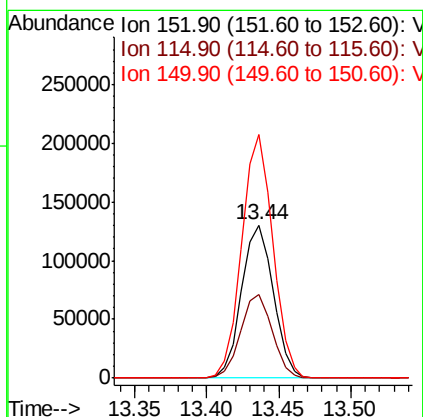
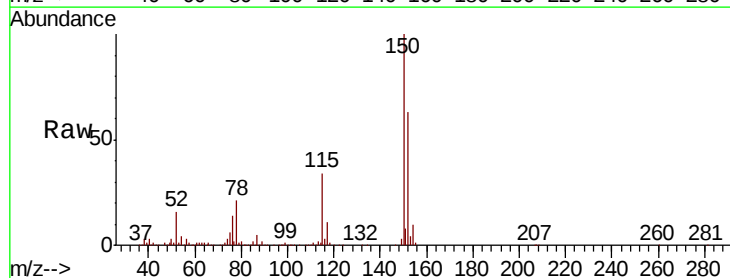
Instrument :
MSVOA_Y
ClientSampleId :

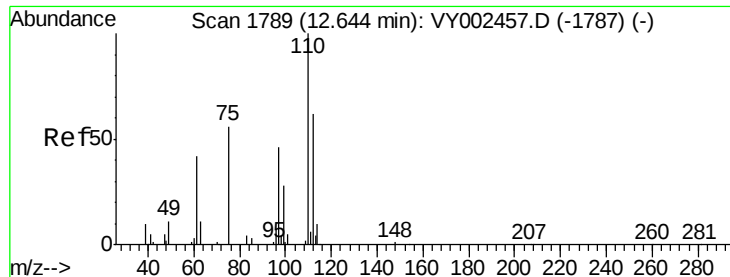
Tot Ion:117 Resp: 400398
Ion Ratio Lower Upper
117 100
82 51.4 40.8 61.2
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002469.D
Acq: 23 Apr 2020 18:54

Tgt Ion:152 Resp: 199842
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.8
150 155.6 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 48.507 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_Y

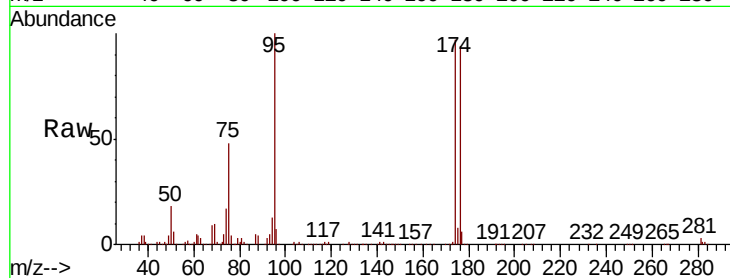
ClientSampleId :

Tot Ion: 75 Resp: 82159

Ion Ratio Lower Upper

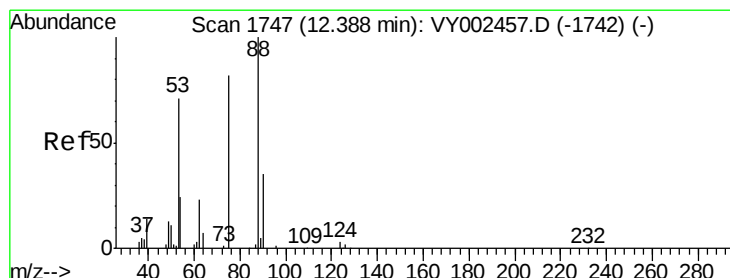
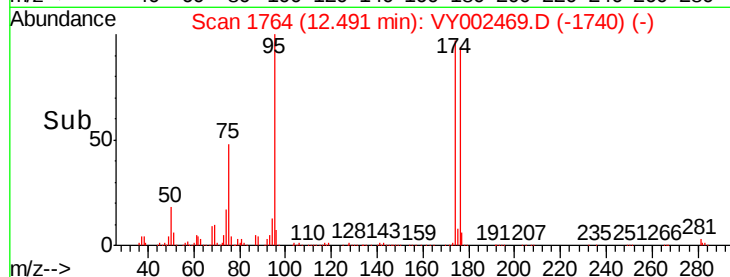
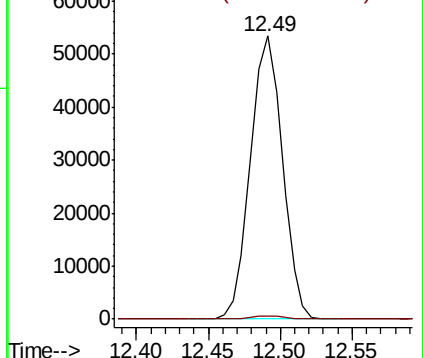
75 100

77 1.2 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: 89.760 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

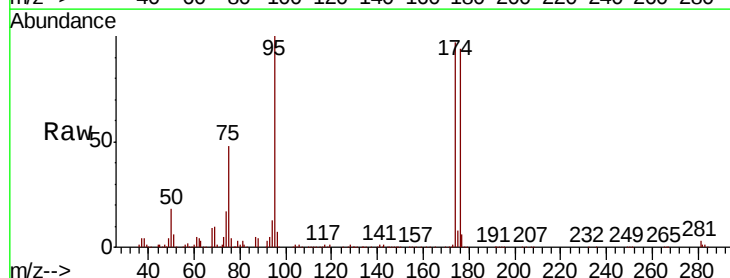
Tgt Ion: 75 Resp: 82159

Ion Ratio Lower Upper

75 100

53 0.0 70.0 105.0#

89 0.0 34.9 52.3#



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

