

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003259.D
 Acq On : 21 Jul 2020 19:15
 Operator : SY/MD
 Sample : L3335-02
 Misc : 7.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-S2

Quant Time: Jul 22 02:44:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

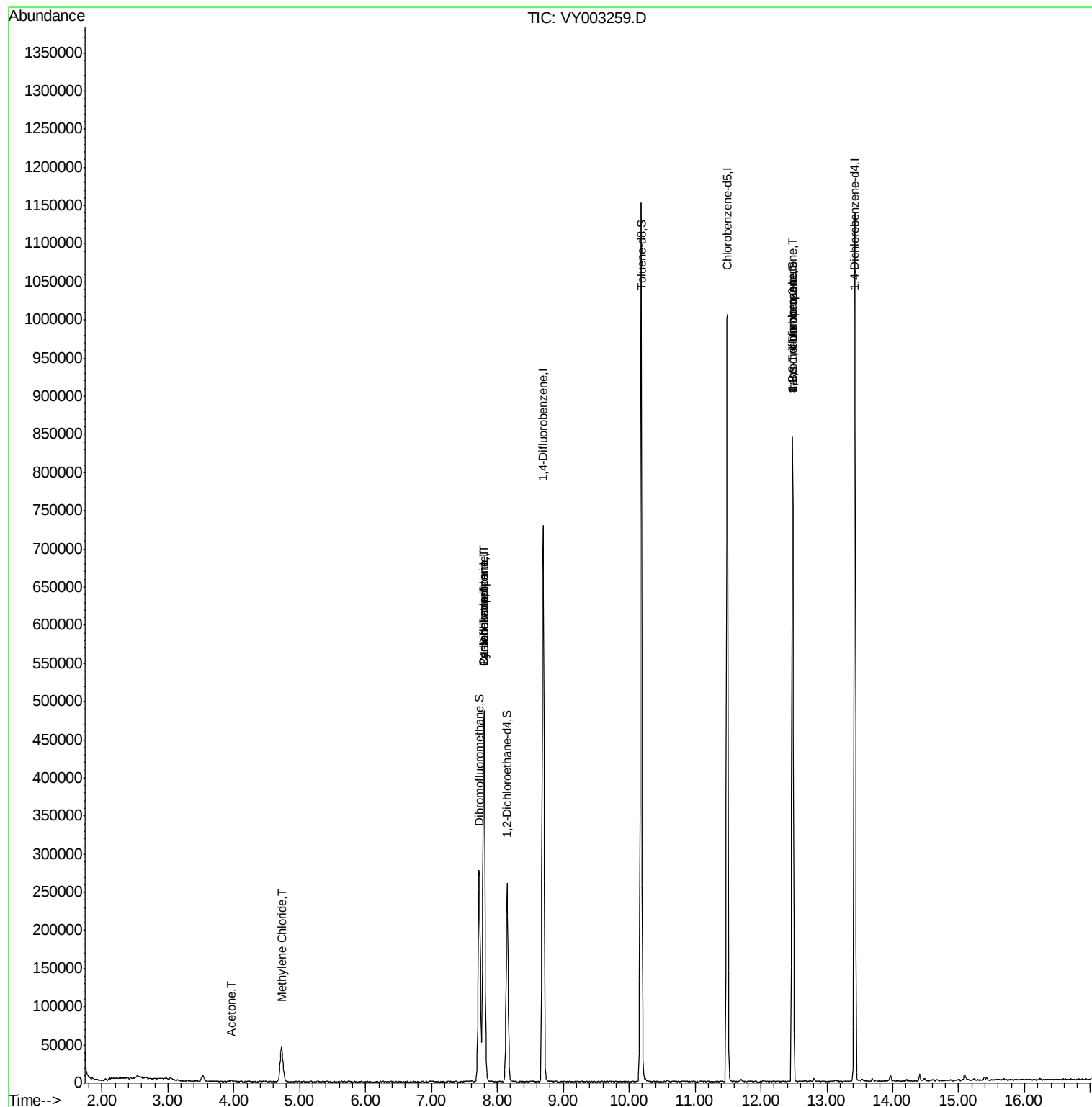
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	398283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	621387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	571259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	289862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	203266	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.94%	
35) Dibromofluoromethane	7.72	113	197369	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
50) Toluene-d8	10.18	98	758737	57.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.14%	
62) 4-Bromofluorobenzene	12.48	95	244471	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2938	3.913	ug/l	94
20) Methylene Chloride	4.72	84	36350	4.636	ug/l	91
31) Cyclohexane	7.80	56	7385	1.208	ug/l #	16
36) 1,1-Dichloropropene	7.80	75	26849	4.767	ug/l #	49
38) Carbon Tetrachloride	7.80	117	35337	6.078	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	126591	49.338	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	126591	96.022	ug/l #	13

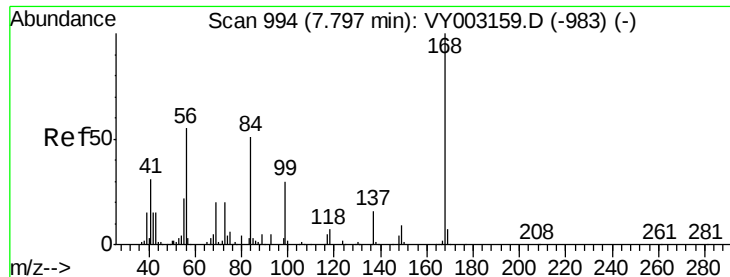
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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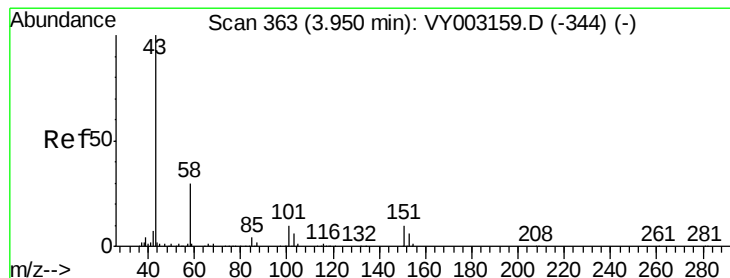
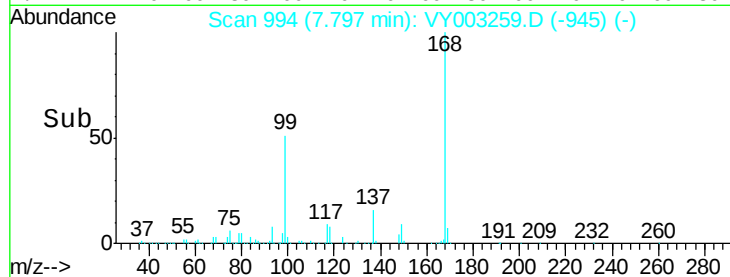
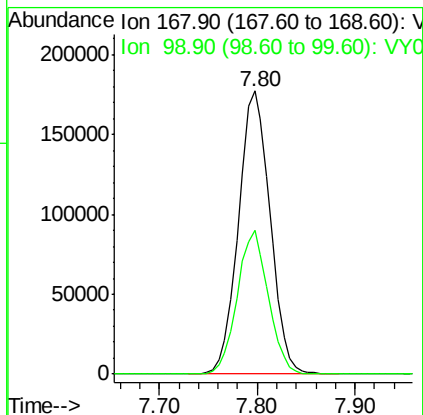
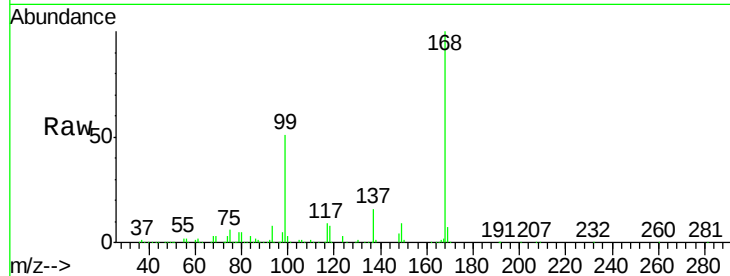


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY003259.D
 Acq: 21 Jul 2020 19:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-S2

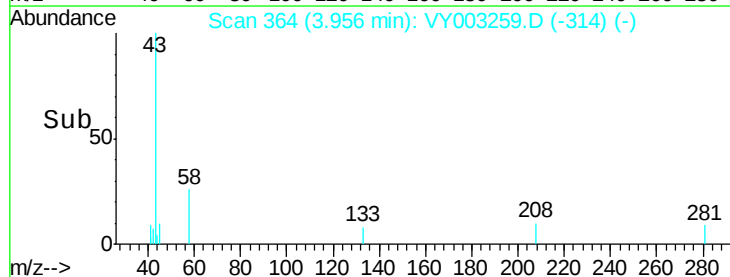
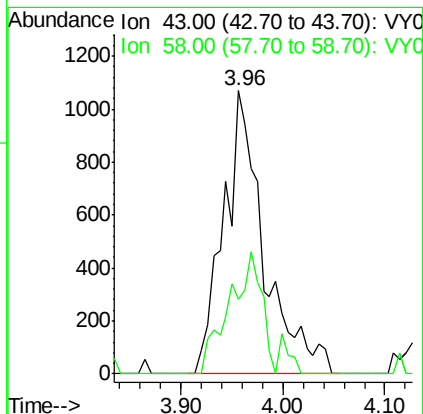
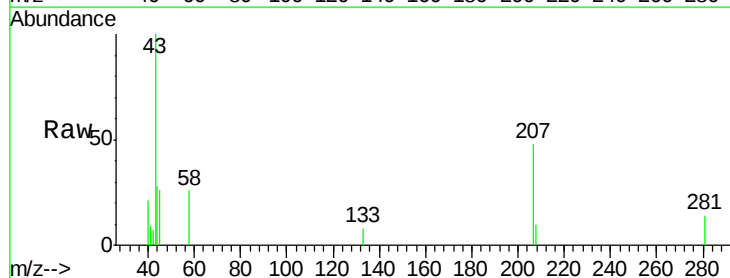
Tot Ion:168 Resp: 398283
 Ion Ratio Lower Upper
 168 100
 99 50.8 37.3 55.9

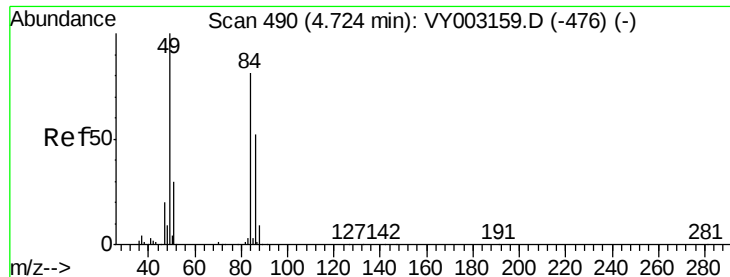


#16

Acetone
 Concen: 3.913 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003259.D
 Acq: 21 Jul 2020 19:15

Tgt Ion: 43 Resp: 2938
 Ion Ratio Lower Upper
 43 100
 58 26.3 23.8 35.6

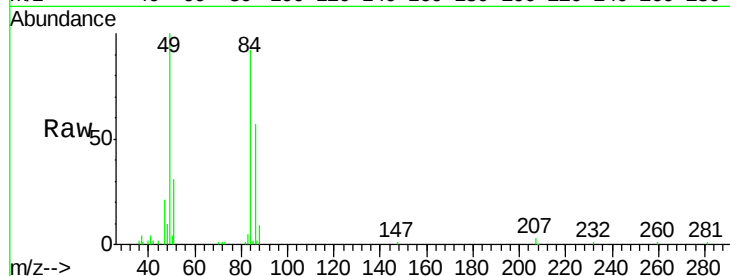




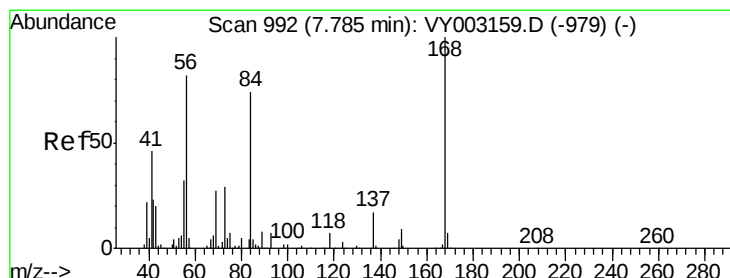
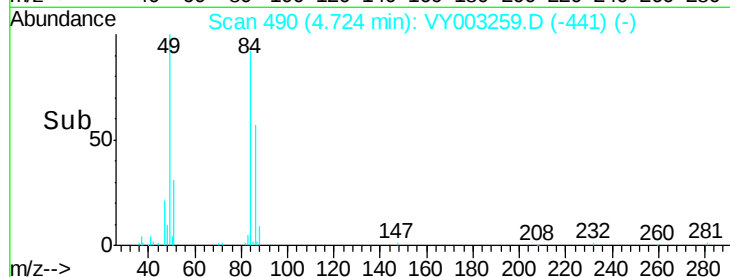
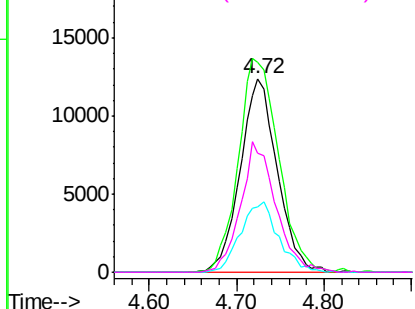
#20
Methvlene Chloride
Concen: 4.636 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003259.D
Acq: 21 Jul 2020 19:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-S2

Tot Ion:	84	Resp:	36350
Ion	Ratio	Lower	Upper
84	100		
49	108.8	98.2	147.4
51	33.8	29.8	44.6
86	61.7	51.2	76.8

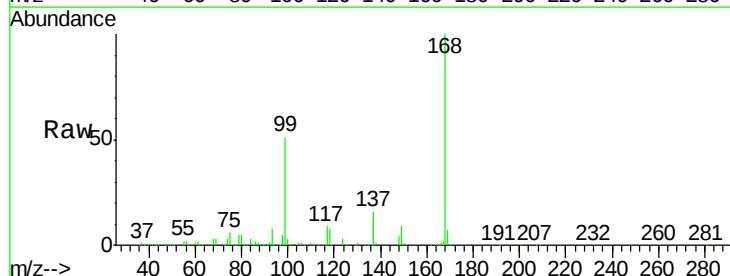


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

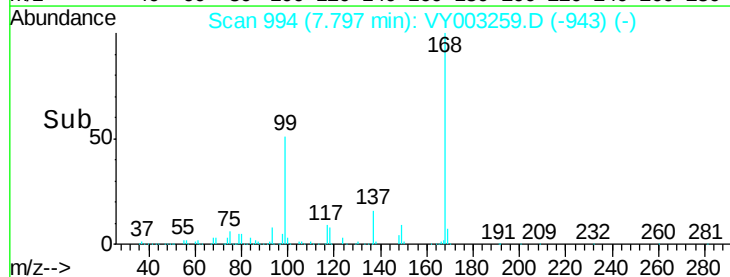
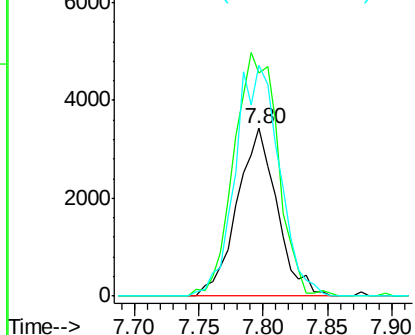


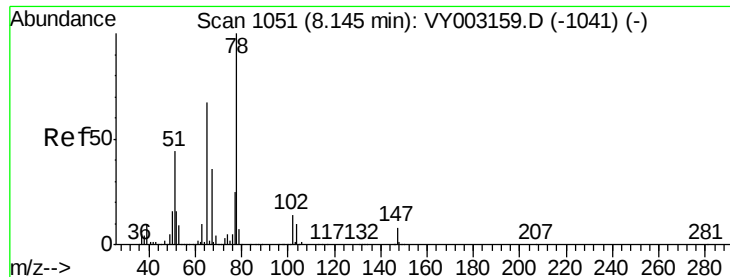
#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003259.D
Acq: 21 Jul 2020 19:15

Tgt Ion:	56	Resp:	7385
Ion	Ratio	Lower	Upper
56	100		
69	133.1	26.7	40.1#
84	137.4	72.3	108.5#



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

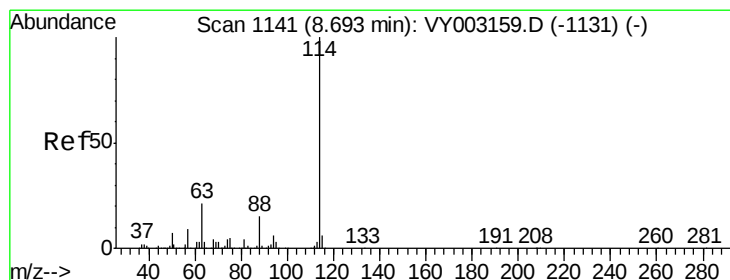
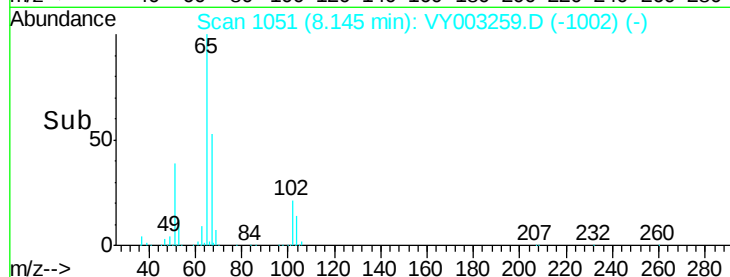
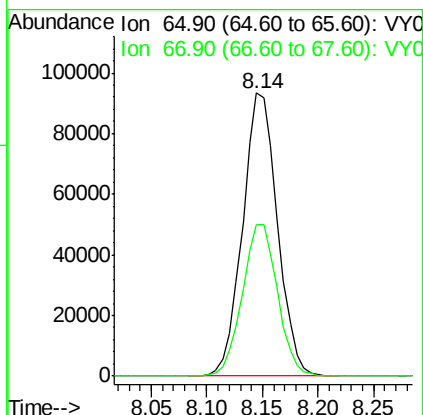
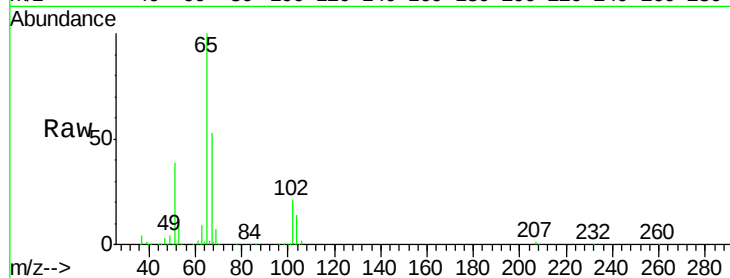




#33
 1,2-Dichloroethane-d4
 Concen: 60.466 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003259.D
 Acq: 21 Jul 2020 19:15

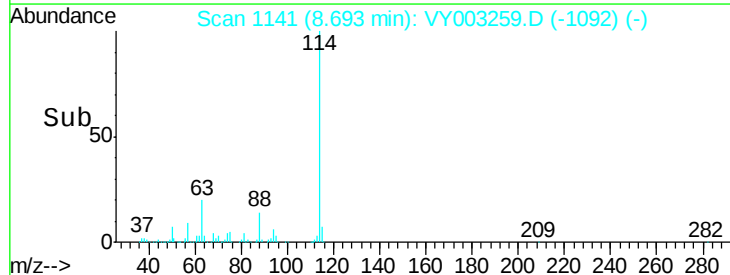
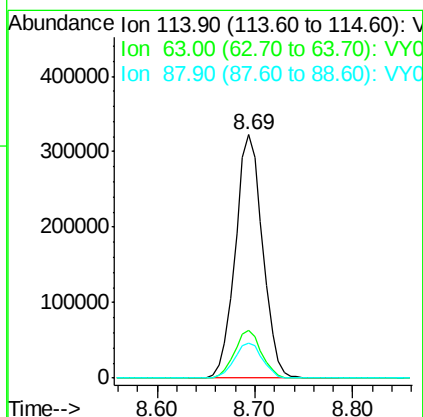
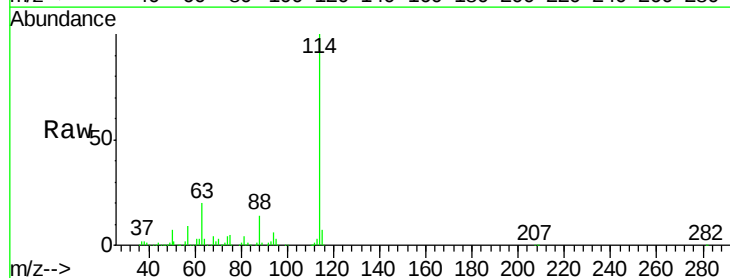
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-12-S2

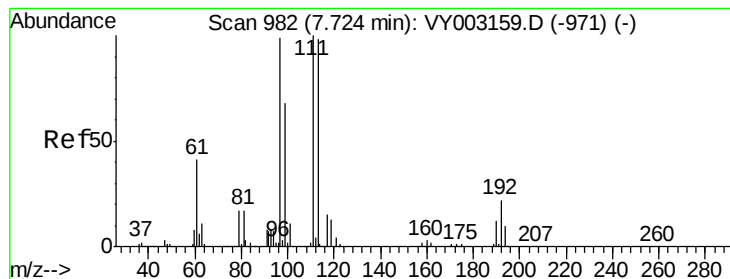
Tot Ion: 65 Resp: 203266
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003259.D
 Acq: 21 Jul 2020 19:15

Tgt Ion: 114 Resp: 621387
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.2
 88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 55.194 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003259.D

Acq: 21 Jul 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-S2

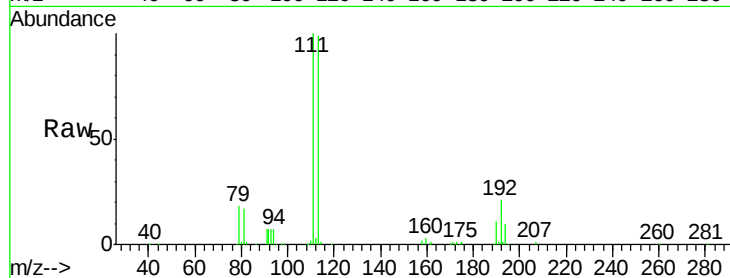
Tot Ion:113 Resp: 197369

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

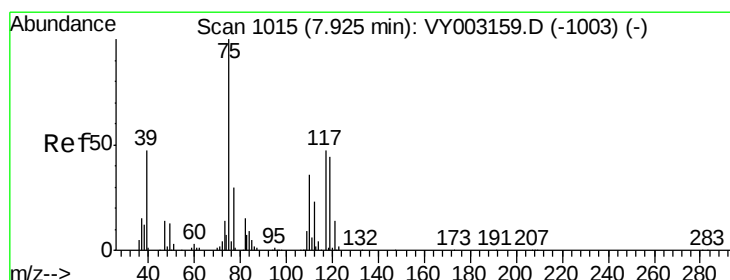
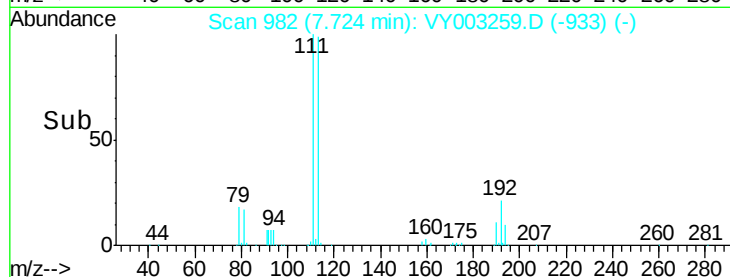
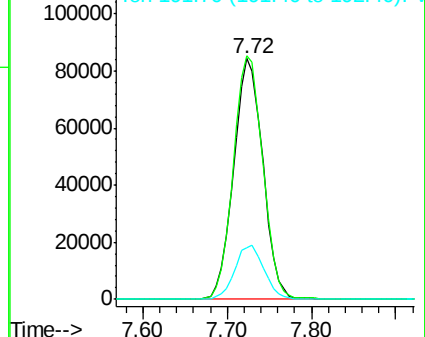
192 22.5 18.8 28.2



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: 4.767 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003259.D

Acq: 21 Jul 2020 19:15

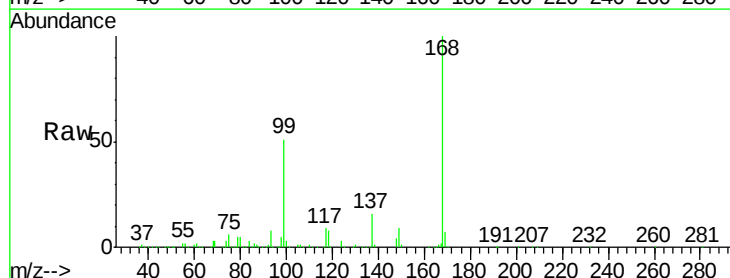
Tgt Ion: 75 Resp: 26849

Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.1#

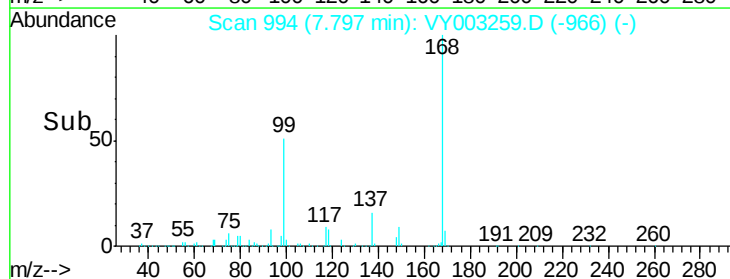
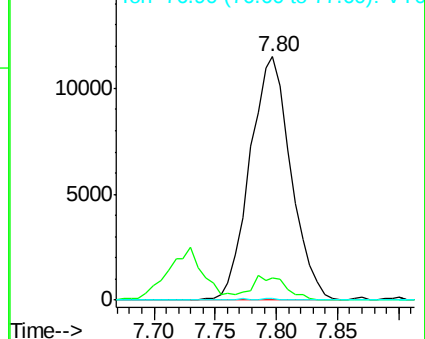
77 0.2 24.8 37.2#

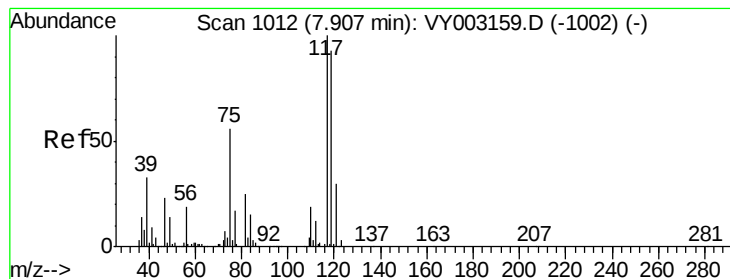


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.078 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003259.D

Acq: 21 Jul 2020 19:15

Instrument :

MSVOA_Y

ClientSampled :

TP-12-S2

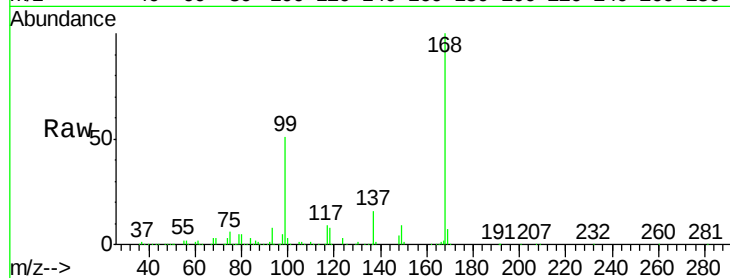
Tot Ion:117 Resp: 35337

Ion Ratio Lower Upper

117 100

119 4.8 74.5 111.7#

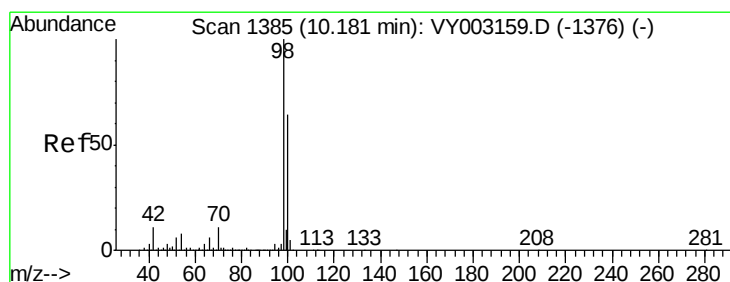
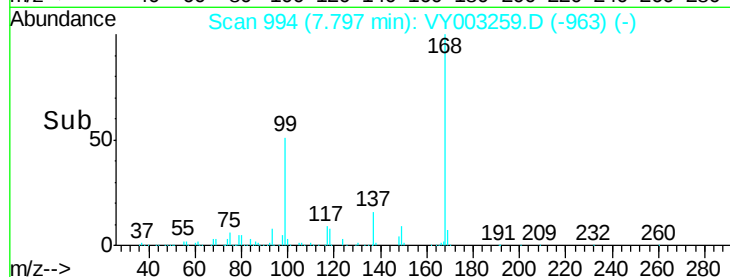
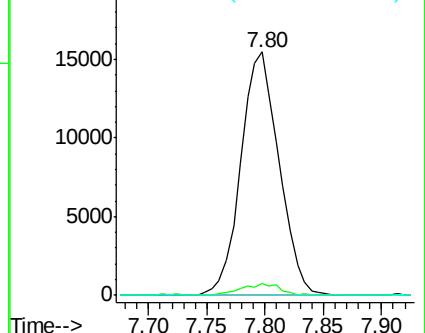
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 57.071 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003259.D

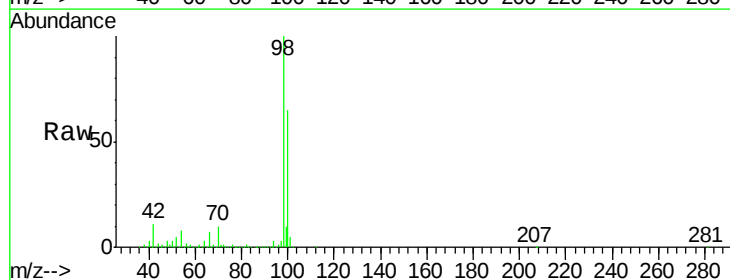
Acq: 21 Jul 2020 19:15

Tgt Ion: 98 Resp: 758737

Ion Ratio Lower Upper

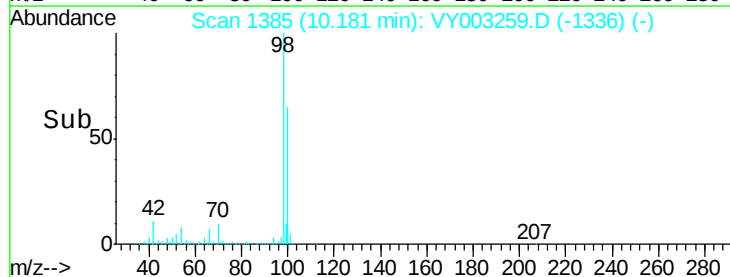
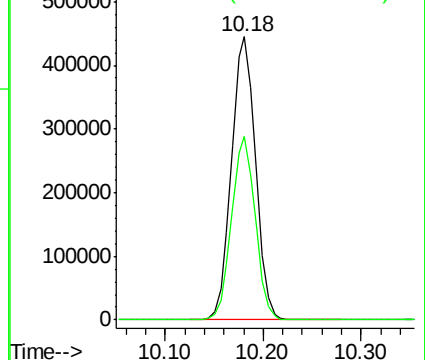
98 100

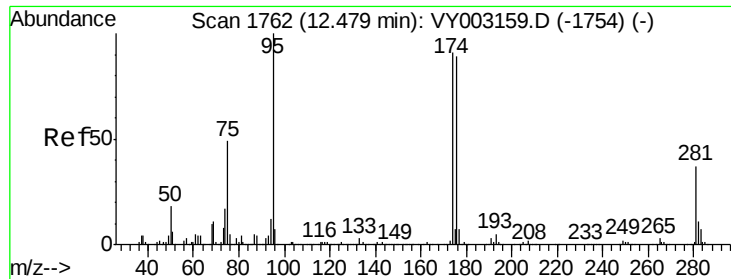
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

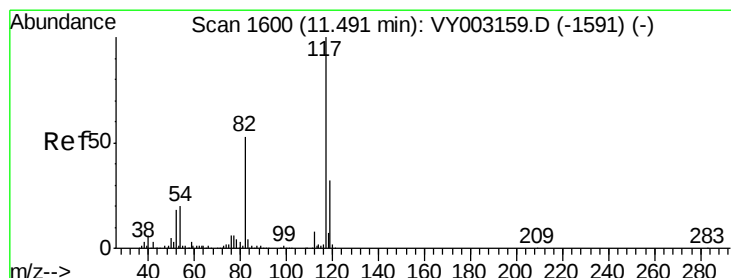
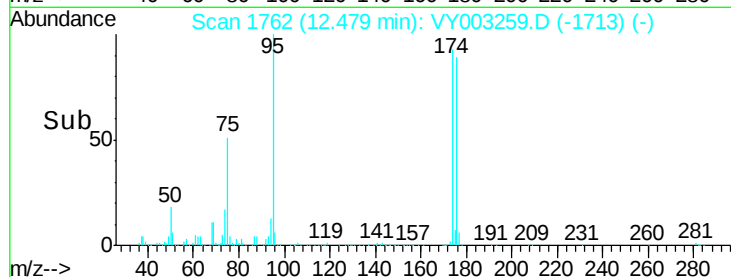
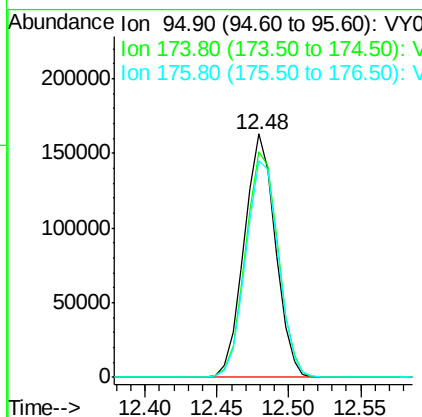
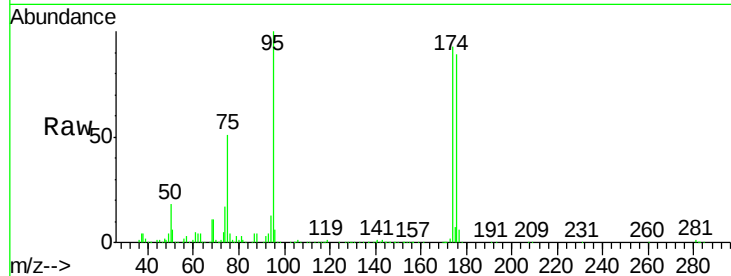




#62
4-Bromofluorobenzene
Concen: 50.901 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003259.D
Acq: 21 Jul 2020 19:15

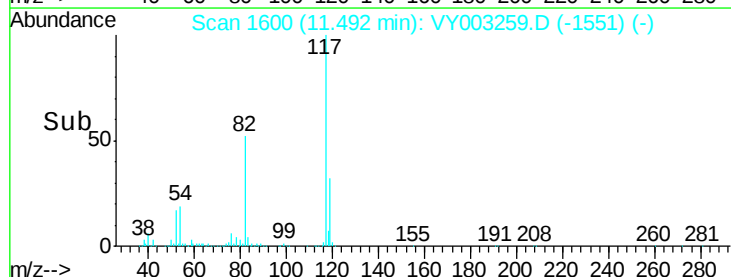
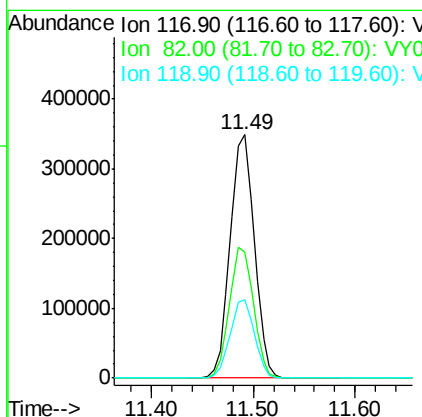
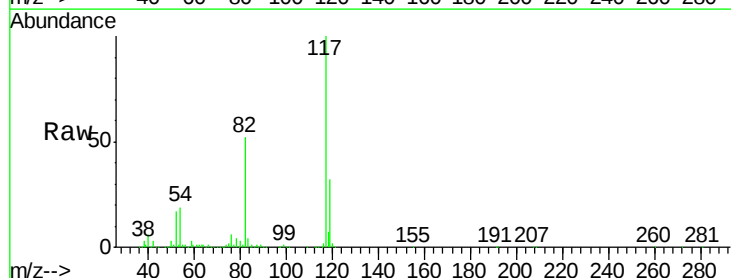
Instrument :
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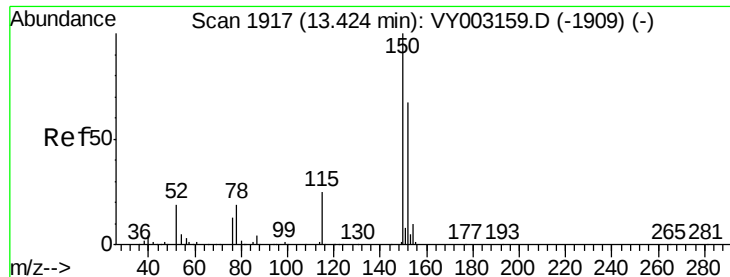
Tot Ion: 95 Resp: 244471
Ion Ratio Lower Upper
95 100
174 96.6 0.0 190.6
176 92.8 0.0 186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003259.D
Acq: 21 Jul 2020 19:15

Tgt Ion: 117 Resp: 571259
Ion Ratio Lower Upper
117 100
82 51.8 42.0 63.0
119 32.2 25.5 38.3



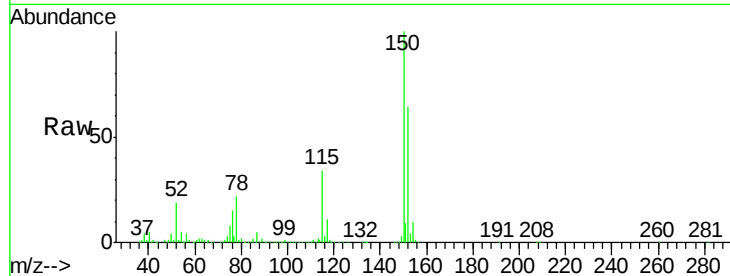


#72

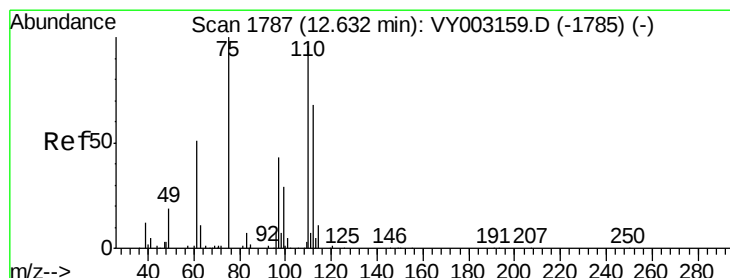
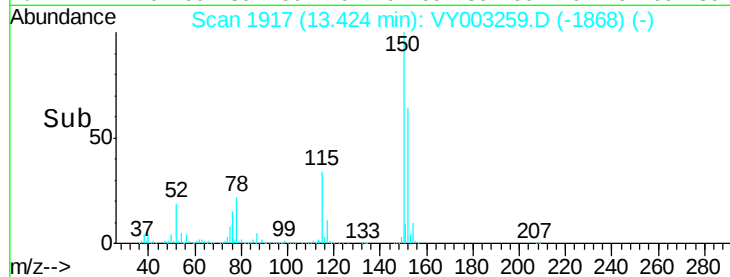
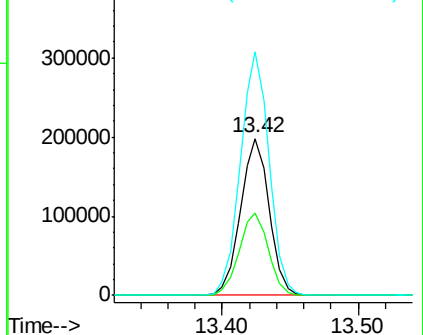
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003259.D
Acq: 21 Jul 2020 19:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-S2

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.9	80.7
150	155.8	0.0	338.0



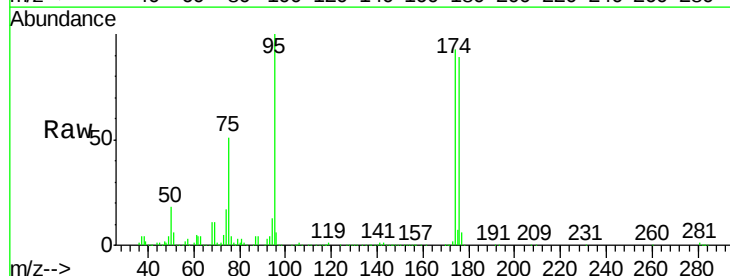
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



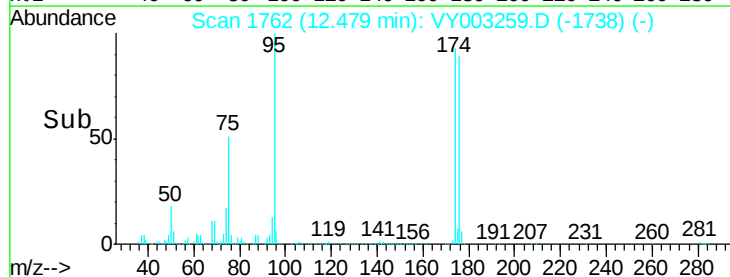
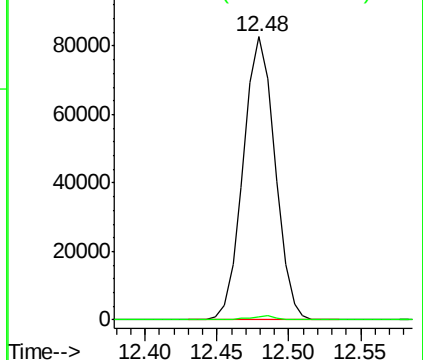
#76

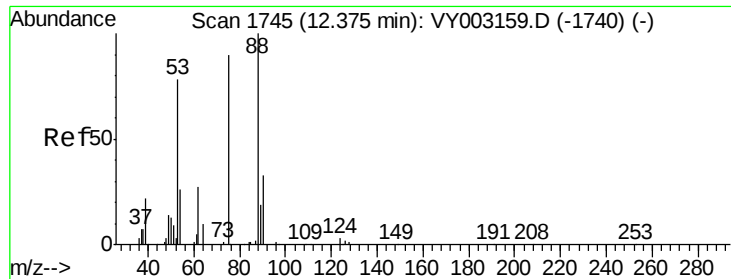
1,2,3-Trichloropropane
Concen: 49.338 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003259.D
Acq: 21 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 96.022 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003259.D

Acq: 21 Jul 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-S2

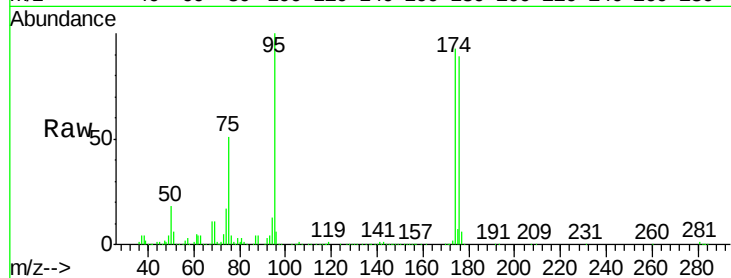
Tot Ion: 75 Resp: 126591

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 37.3 55.9#



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

