

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003229.D
 Acq On : 20 Jul 2020 14:05
 Operator : SY/MD
 Sample : VY0720SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBL01

Quant Time: Jul 21 03:16:31 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	403303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	608373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	567781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	294970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	183014	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
35) Dibromofluoromethane	7.72	113	167499	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	10.18	98	610626	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
62) 4-Bromofluorobenzene	12.48	95	219548	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

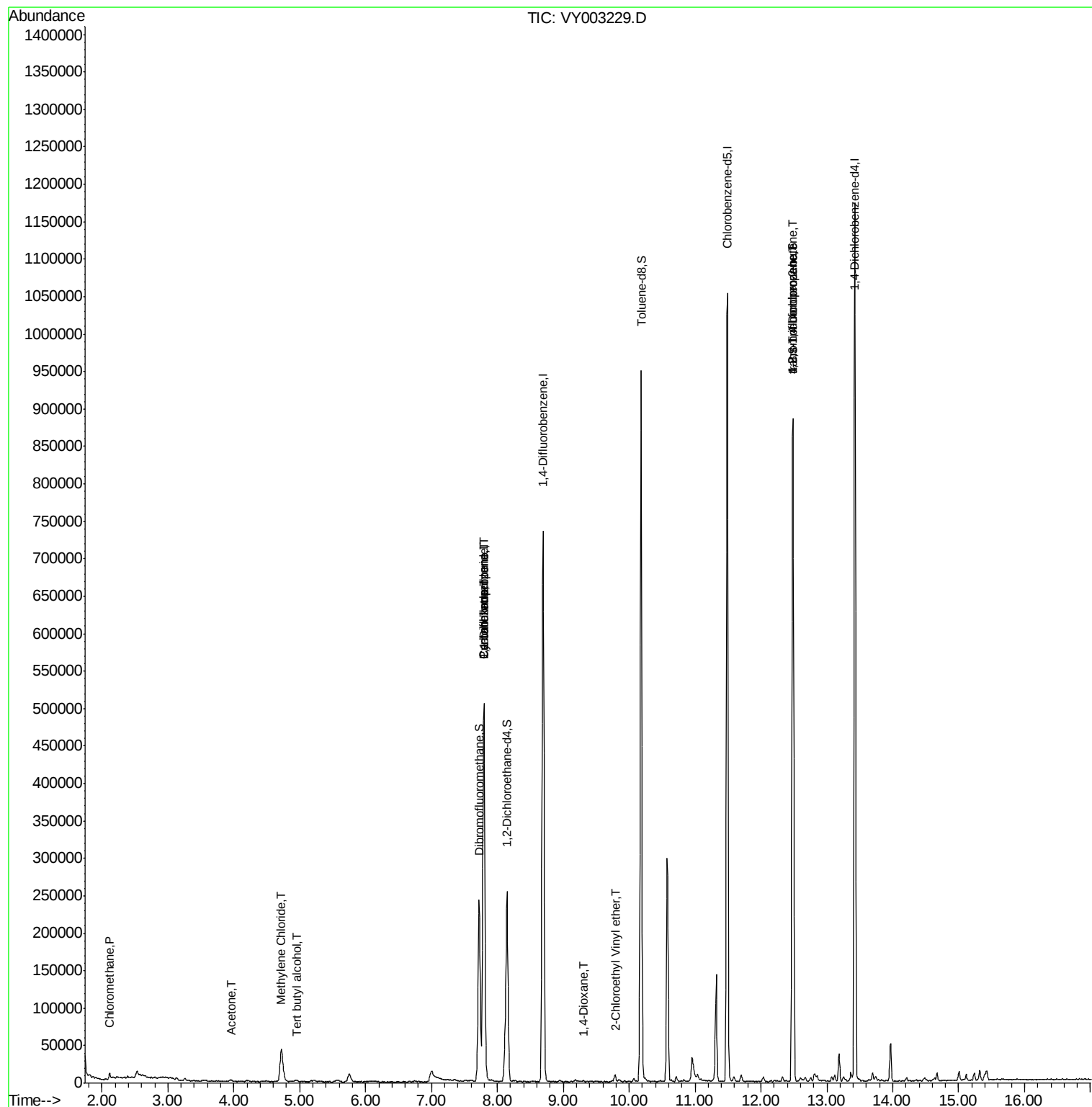
					Qvalue	
3) Chloromethane	2.12	50	6879	1.716	ug/l	94
11) Tert butyl alcohol	4.96	59	3169	8.609	ug/l #	74
16) Acetone	3.96	43	3427	4.507	ug/l #	48
20) Methylene Chloride	4.72	84	31383	3.042	ug/l	96
31) Cyclohexane	7.80	56	9113	1.472	ug/l #	7
36) 1,1-Dichloropropene	7.79	75	28597	5.186	ug/l #	50
38) Carbon Tetrachloride	7.80	117	36810	6.467	ug/l #	17
49) 1,4-Dioxane	9.30	88	134	4.602	ug/l #	75
58) 2-Chloroethyl Vinyl ether	9.78	63	3965	1.759	ug/l	91
76) 1,2,3-Trichloropropane	12.48	75	116041	44.443	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	116041	86.495	ug/l #	13

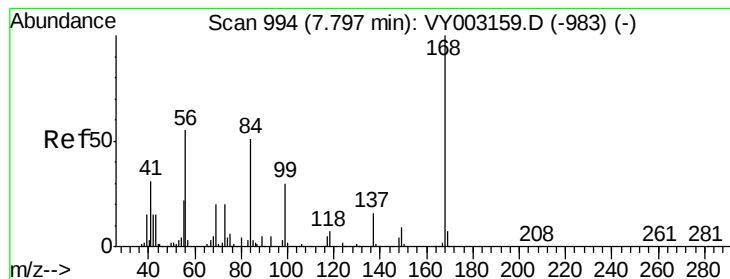
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
Data File : VY003229.D
Acq On : 20 Jul 2020 14:05
Operator : SY/MD
Sample : VY0720SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

Quant Time: Jul 21 03:16:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003229.D

Acq: 20 Jul 2020 14:05

Instrument :

MSVOA_Y

ClientSampleId :

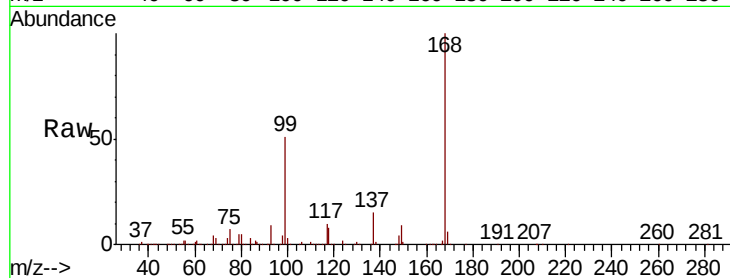
VY0720SBL01

Tot Ion:168 Resp: 403303

Ion Ratio Lower Upper

168 100

99 50.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

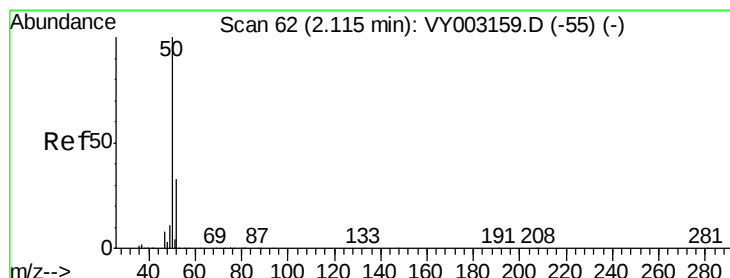
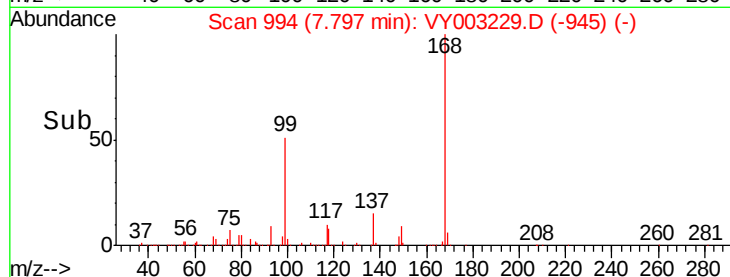
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.716 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003229.D

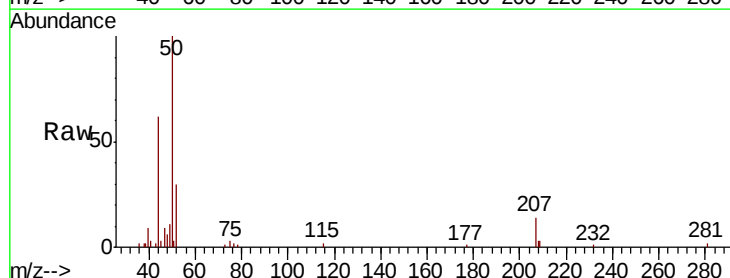
Acq: 20 Jul 2020 14:05

Tgt Ion: 50 Resp: 6879

Ion Ratio Lower Upper

50 100

52 29.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003159.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY003159.D (-55) (-)

2.12

6000

5000

4000

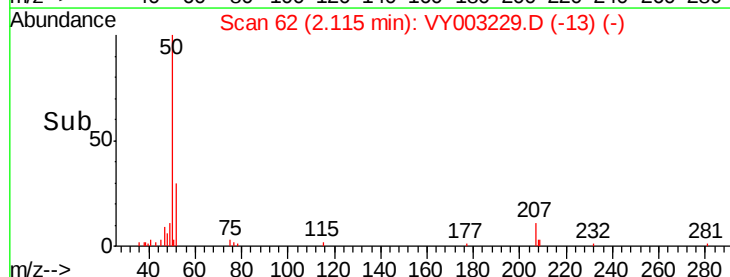
3000

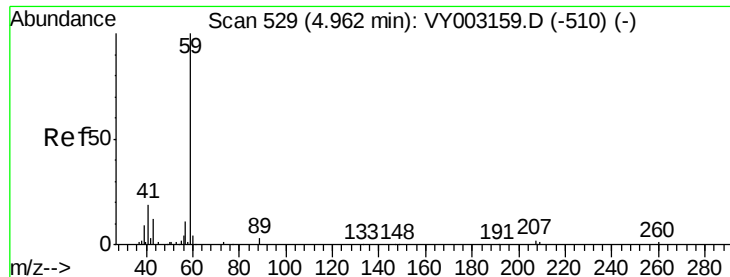
2000

1000

0

Time-->

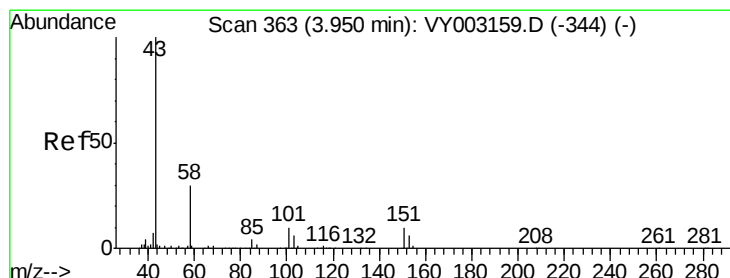
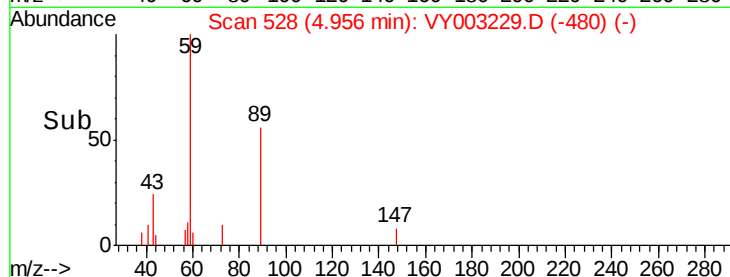
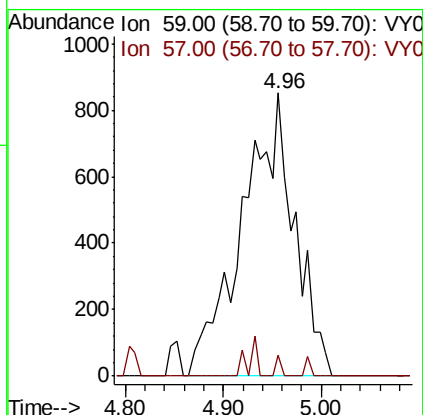
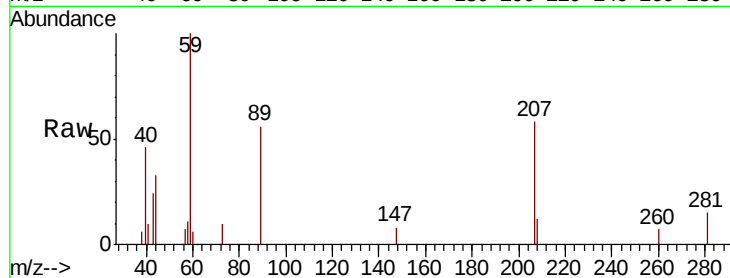




#11
Tert butyl alcohol
Concen: 8.609 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

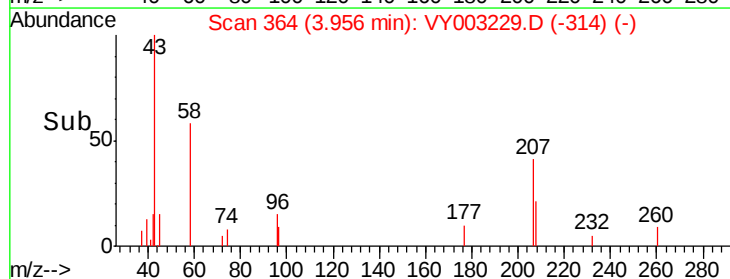
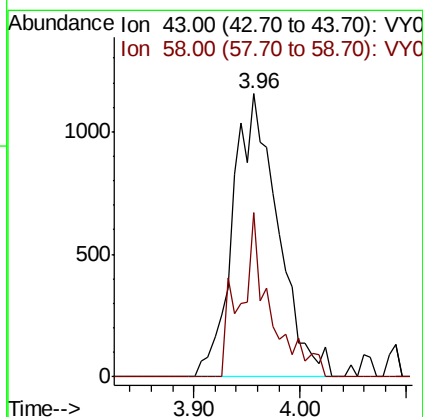
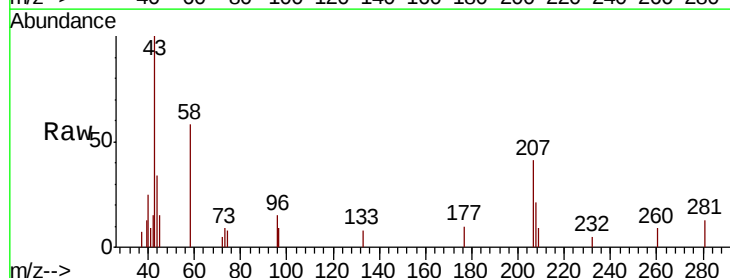
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

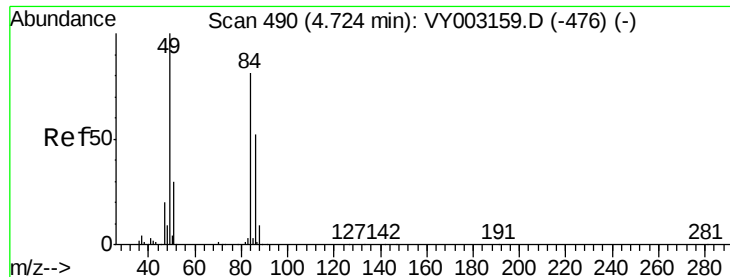
Tot Ion: 59 Resp: 3169
Ion Ratio Lower Upper
59 100
57 0.7 8.4 12.6#



#16
Acetone
Concen: 4.507 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

Tgt Ion: 43 Resp: 3427
Ion Ratio Lower Upper
43 100
58 57.8 23.8 35.6#

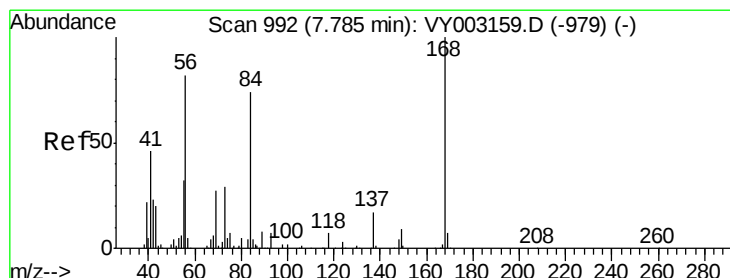
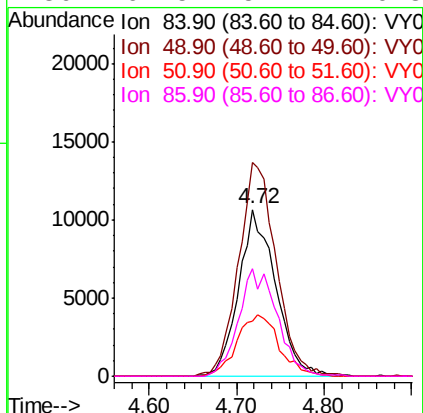
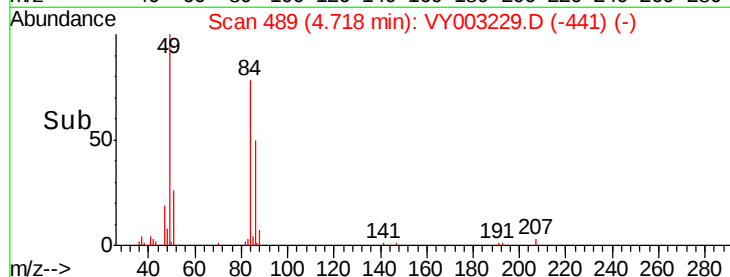
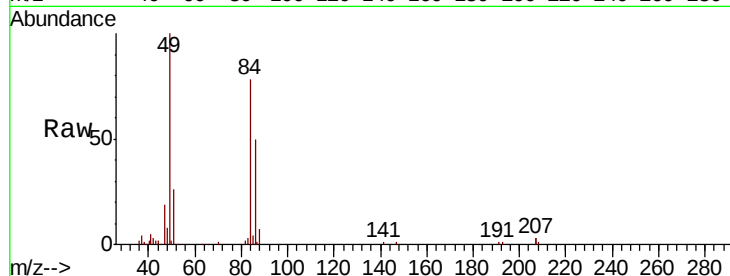




#20
Methvlene Chloride
Concen: 3.042 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

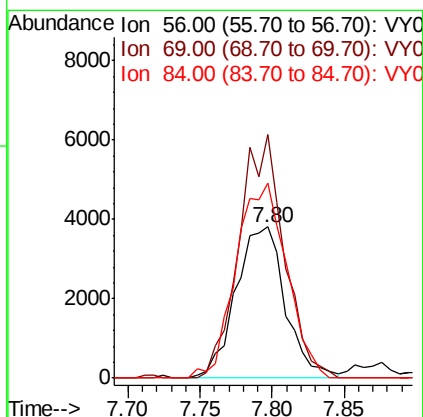
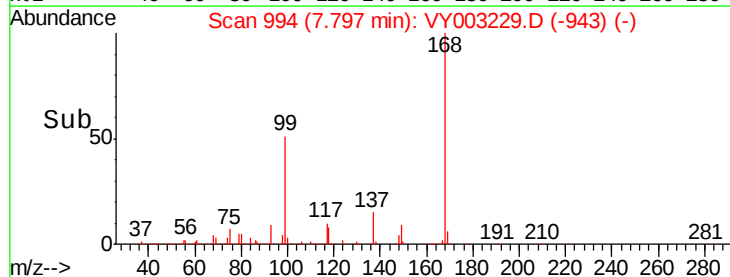
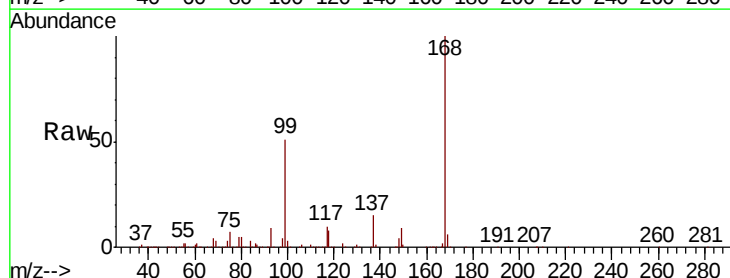
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

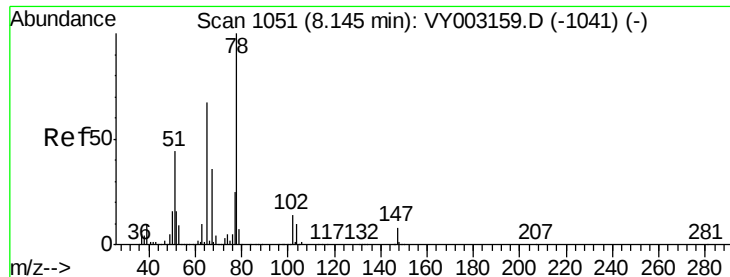
Tot Ion:	84	Resp:	31383
Ion	Ratio	Lower	Upper
84	100		
49	128.0	98.2	147.4
51	32.7	29.8	44.6
86	64.5	51.2	76.8



#31
Cyclohexane
Concen: 1.472 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

Tgt Ion:	56	Resp:	9113
Ion	Ratio	Lower	Upper
56	100		
69	160.9	26.7	40.1#
84	132.6	72.3	108.5#

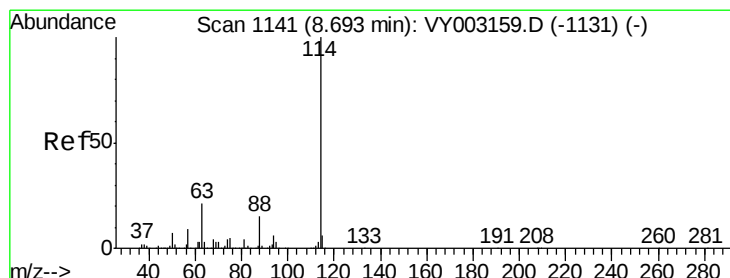
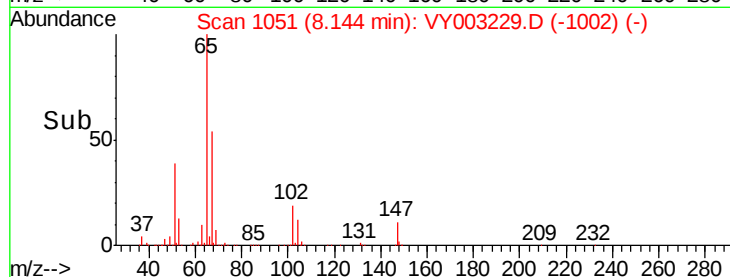
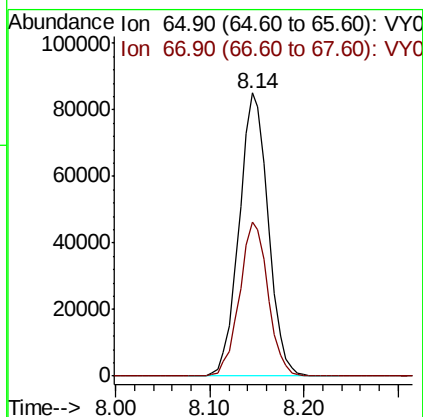
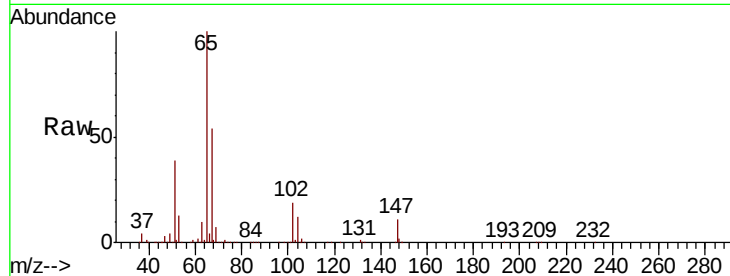




#33
 1,2-Dichloroethane-d4
 Concen: 53.764 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003229.D
 Acq: 20 Jul 2020 14:05

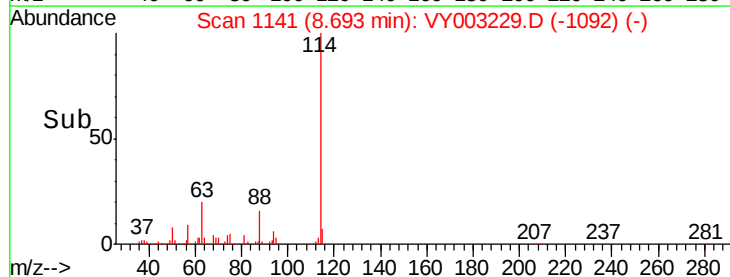
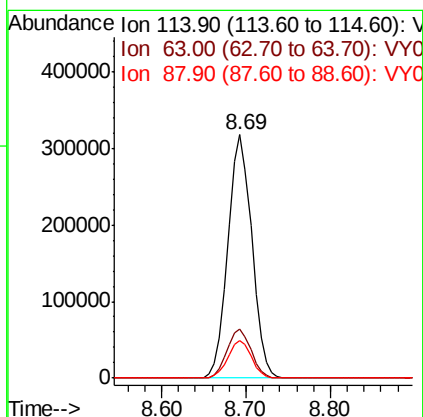
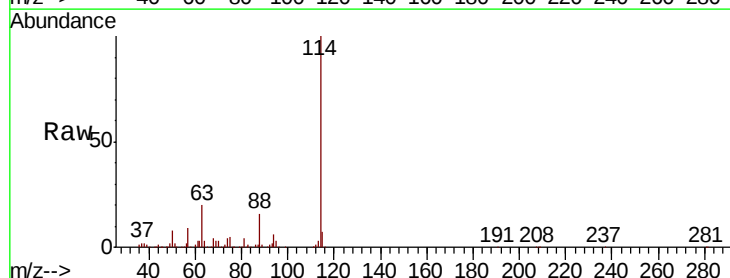
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBL01

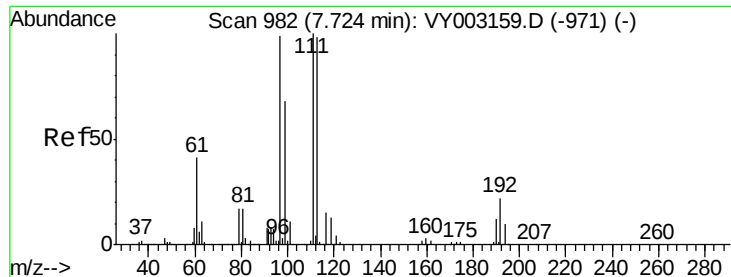
Tot Ion: 65 Resp: 183014
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003229.D
 Acq: 20 Jul 2020 14:05

Tgt Ion: 114 Resp: 608373
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 15.6 0.0 30.2

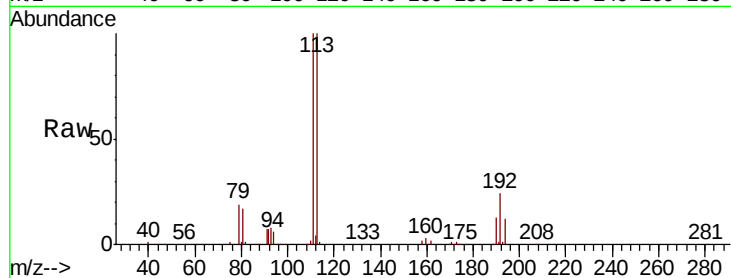




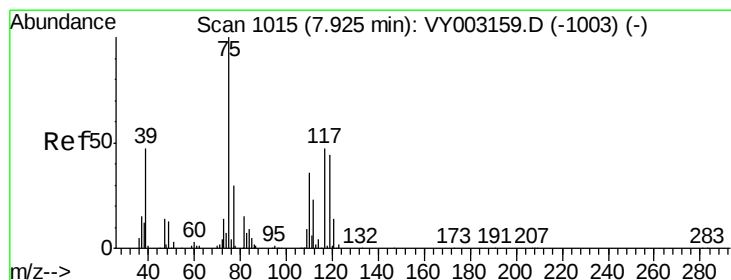
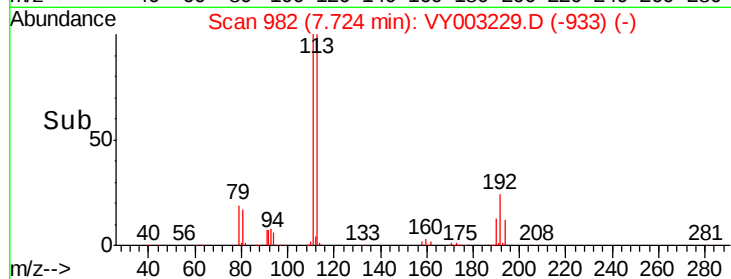
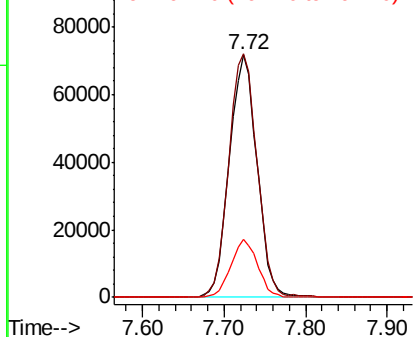
#35
Dibromofluoromethane
Concen: 47.843 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	23.1	18.8	28.2

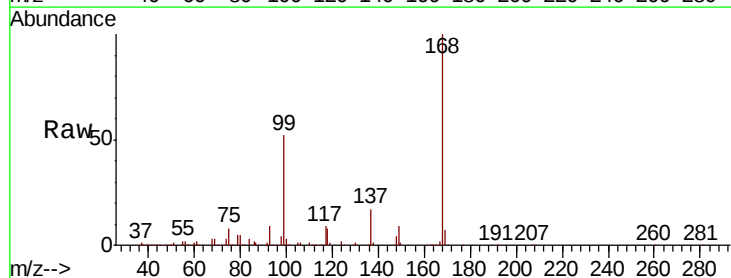


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

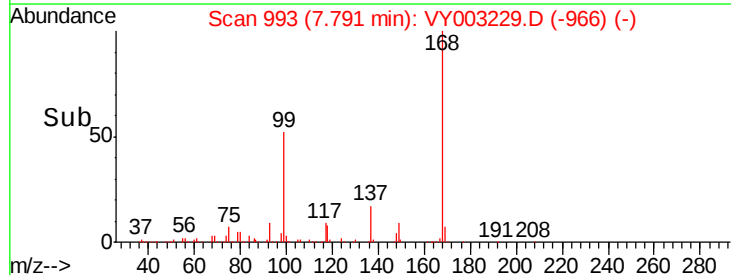
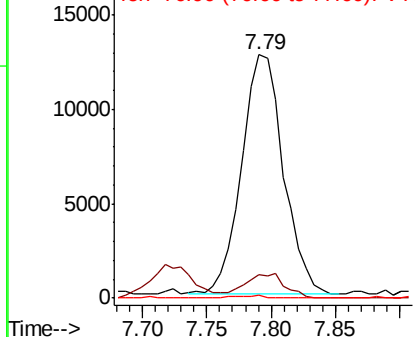


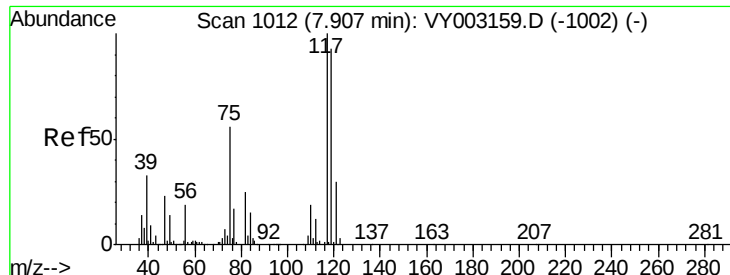
#36
1,1-Dichloropropene
Concen: 5.186 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.5	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: 6.467 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003229.D

Acq: 20 Jul 2020 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBL01

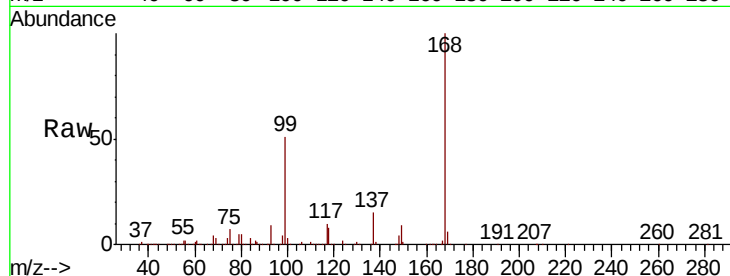
Tot Ion:117 Resp: 36810

Ion Ratio Lower Upper

117 100

119 5.0 74.5 111.7#

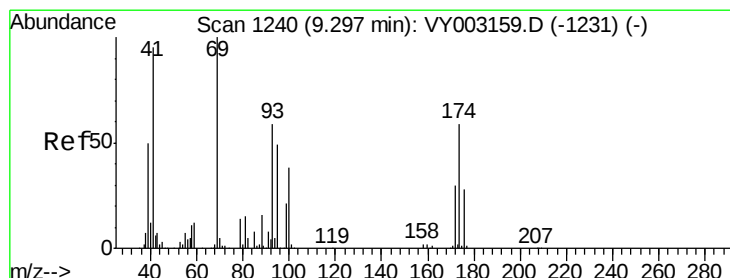
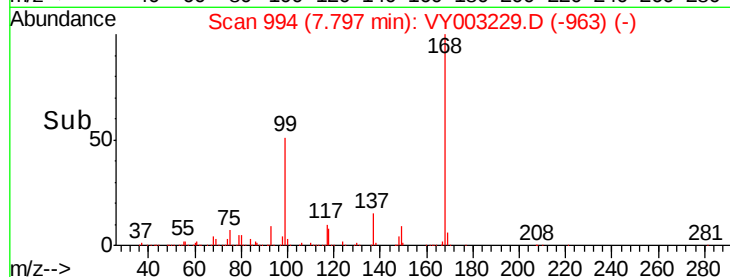
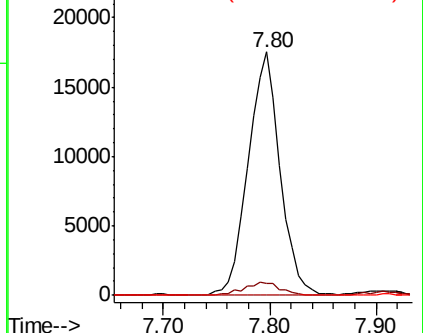
121 0.0 24.2 36.2#



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



#49

1,4-Dioxane

Concen: 4.602 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003229.D

Acq: 20 Jul 2020 14:05

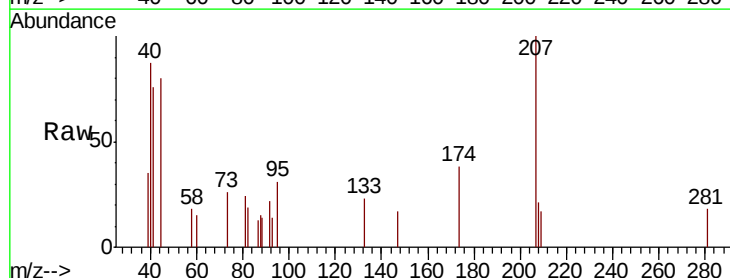
Tgt Ion: 88 Resp: 134

Ion Ratio Lower Upper

88 100

43 53.7 25.6 38.4#

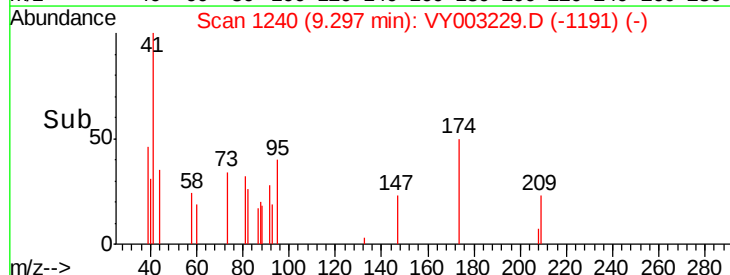
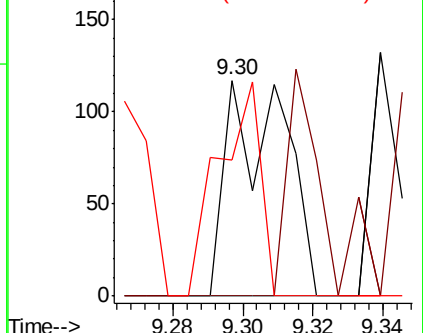
58 72.4 47.8 71.6#

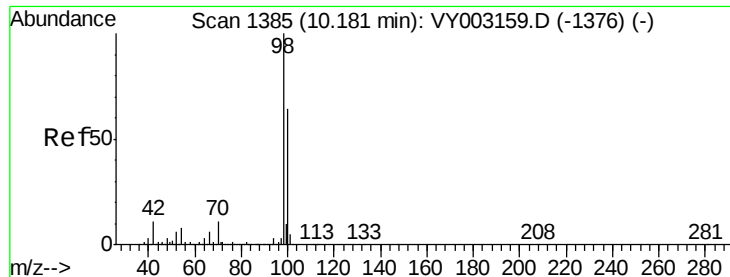


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 46.912 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003229.D

Acq: 20 Jul 2020 14:05

Instrument :

MSVOA_Y

ClientSampleId :

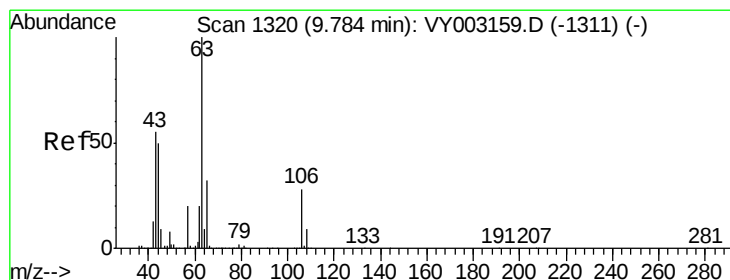
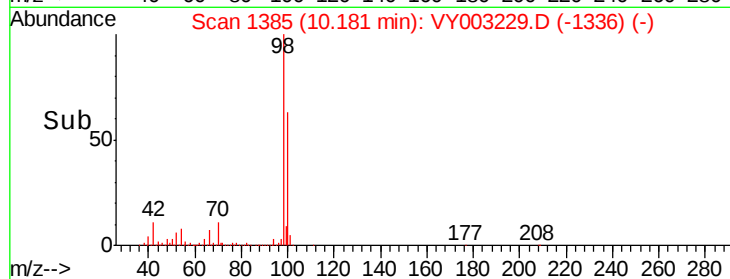
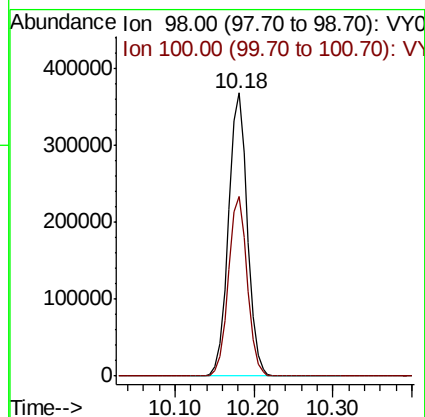
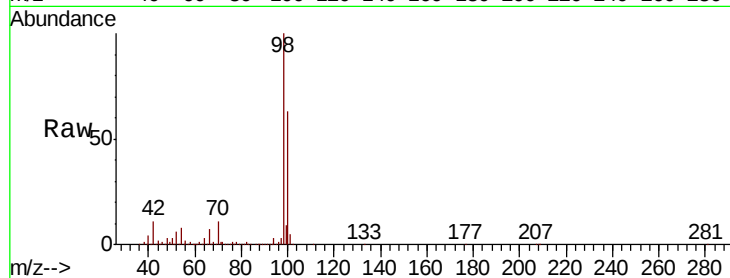
VY0720SBL01

Tot Ion: 98 Resp: 610626

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.759 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003229.D

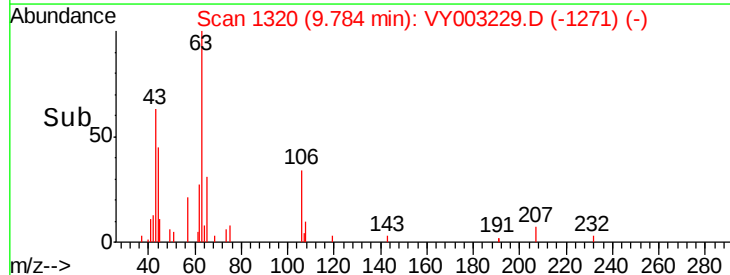
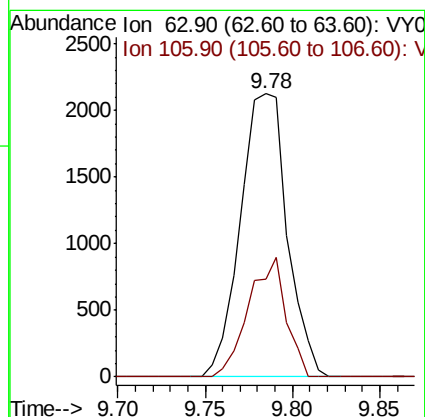
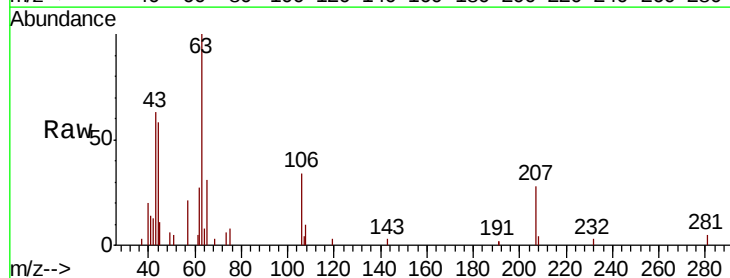
Acq: 20 Jul 2020 14:05

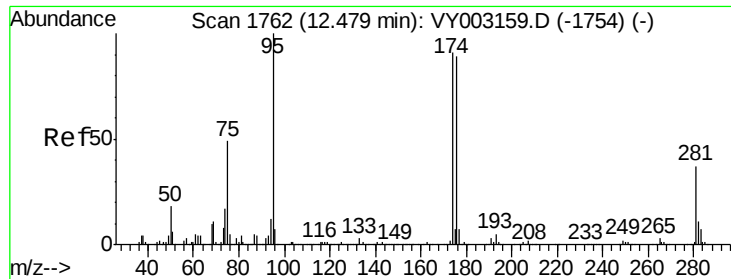
Tgt Ion: 63 Resp: 3965

Ion Ratio Lower Upper

63 100

106 33.6 22.9 34.3

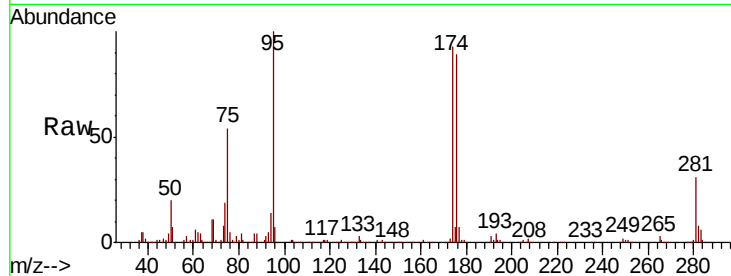




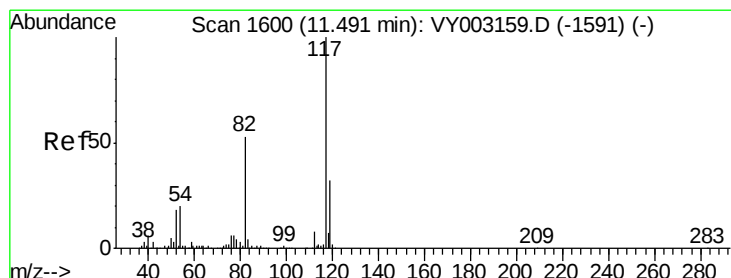
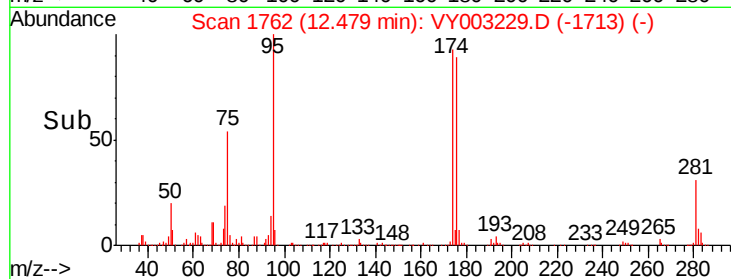
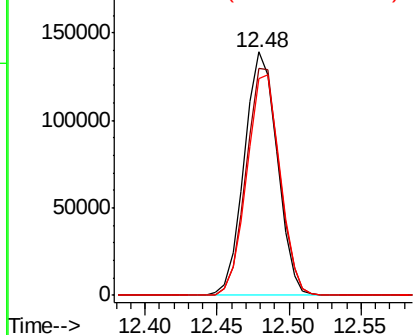
#62
4-Bromofluorobenzene
Concen: 46.690 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	190.6
176	91.3	0.0	186.4

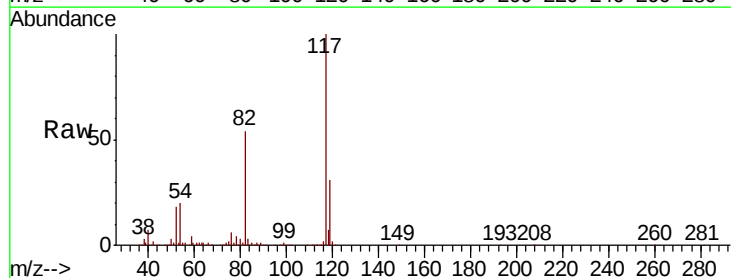


Abundance Ion 94.90 (94.60 to 95.60): VY003159.D (-1754) (-)
Ion 173.80 (173.50 to 174.50): VY003159.D (-1754) (-)
Ion 175.80 (175.50 to 176.50): VY003159.D (-1754) (-)

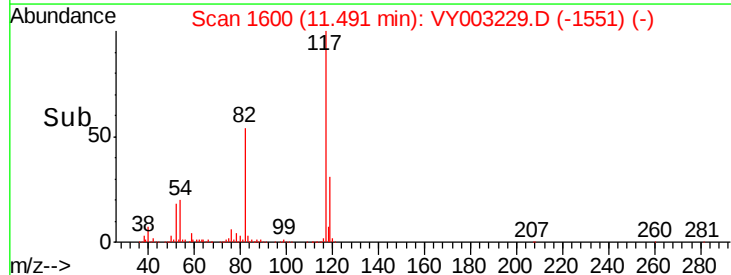
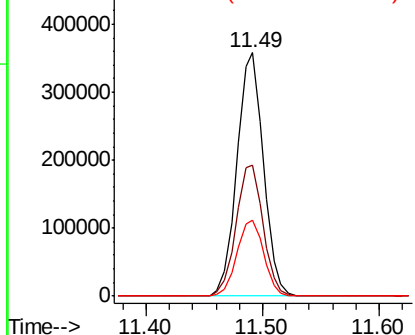


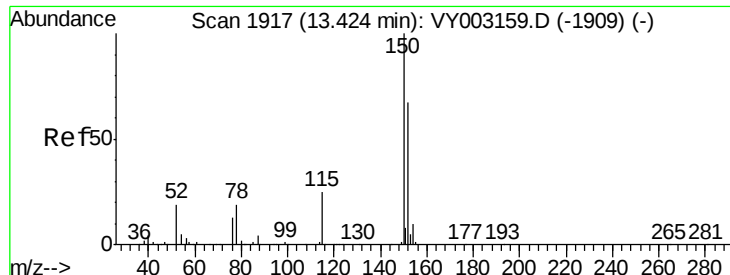
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.0	63.0
119	31.3	25.5	38.3



Abundance Ion 116.90 (116.60 to 117.60): VY003159.D (-1591) (-)
Ion 82.00 (81.70 to 82.70): VY003159.D (-1591) (-)
Ion 118.90 (118.60 to 119.60): VY003159.D (-1591) (-)



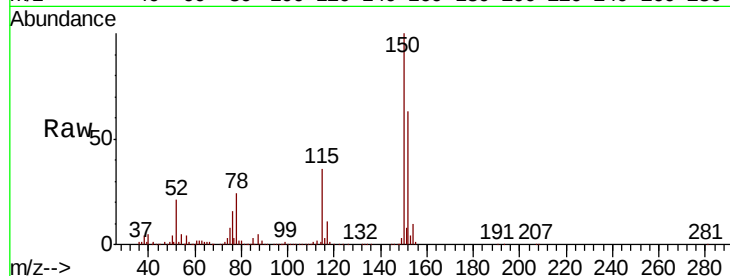


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	26.9	80.7
150	156.9	0.0	338.0

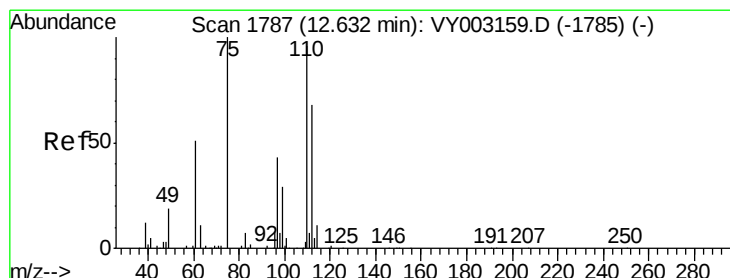
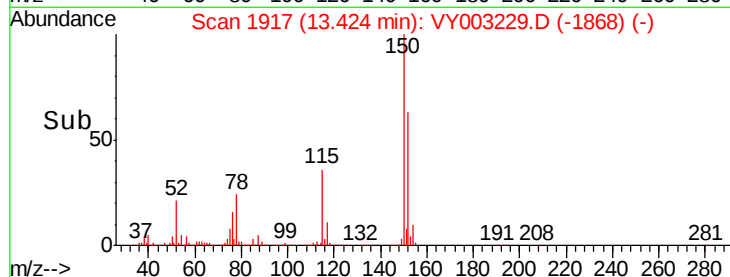
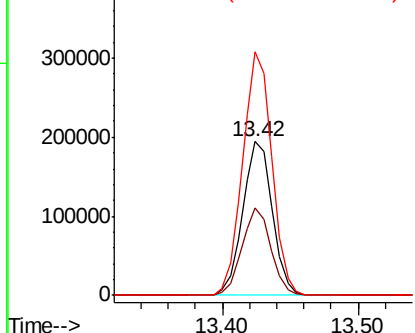


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

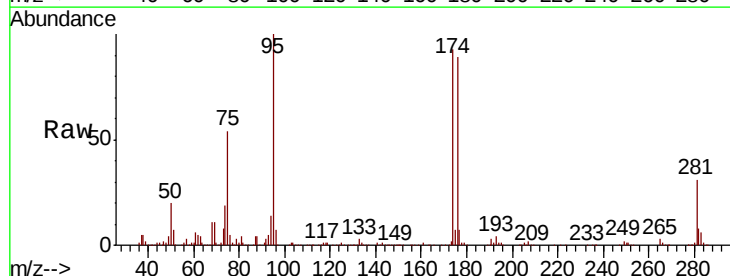
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 44.443 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003229.D
Acq: 20 Jul 2020 14:05

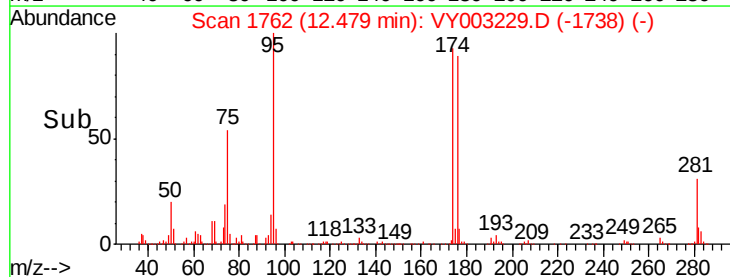
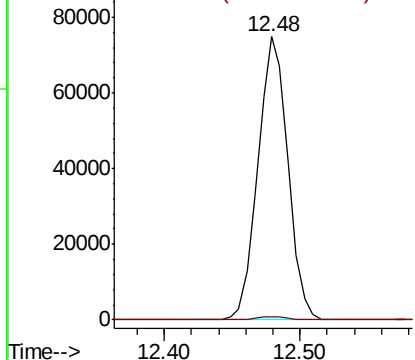
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

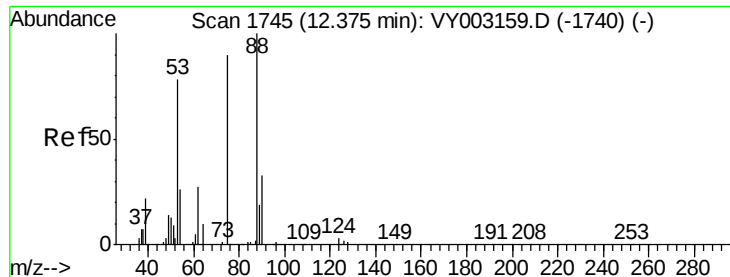


Abundance

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: 86.495 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003229.D

Acq: 20 Jul 2020 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBL01

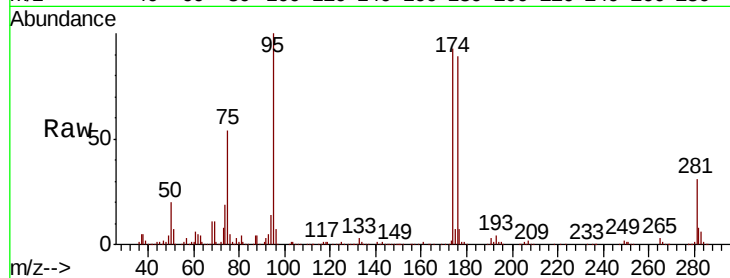
Tot Ion: 75 Resp: 116041

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.5 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

