

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003360.D
 Acq On : 27 Jul 2020 17:03
 Operator : SY/MD
 Sample : L3435-04
 Misc : 8.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Jul 28 05:06:08 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

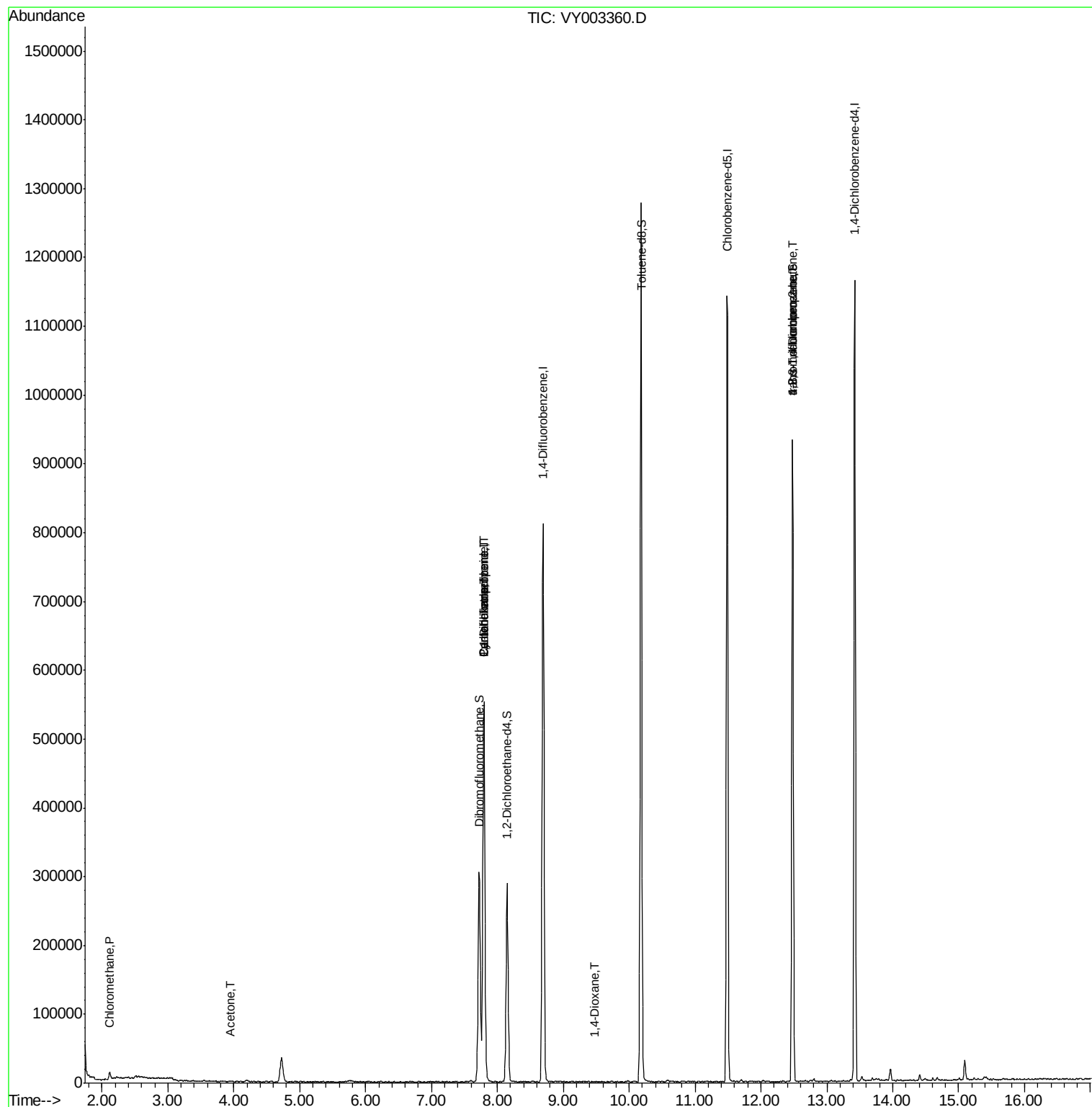
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	445832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	693961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	636653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	299991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	224276	59.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.20%	
35) Dibromofluoromethane	7.72	113	217228	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
50) Toluene-d8	10.18	98	841486	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
62) 4-Bromofluorobenzene	12.48	95	266117	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	9488	2.141	ug/l	94
16) Acetone	3.95	43	1546	1.839	ug/l	89
31) Cyclohexane	7.80	56	8246	1.205	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	31248	4.968	ug/l #	49
38) Carbon Tetrachloride	7.79	117	39659	6.108	ug/l #	17
49) 1,4-Dioxane	9.47	88	67	2.017	ug/l #	28
76) 1,2,3-Trichloropropane	12.48	75	136096	51.252	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	136096	99.746	ug/l #	13

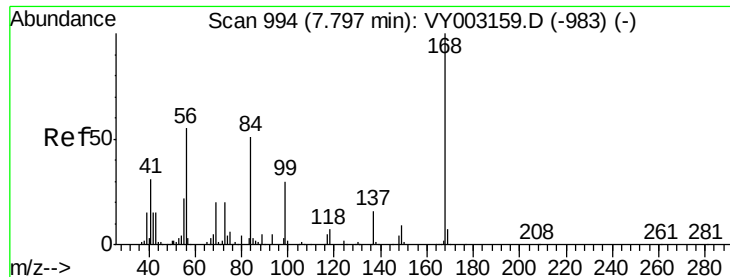
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
Data File : VY003360.D
Acq On : 27 Jul 2020 17:03
Operator : SY/MD
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Misc : 8.98G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

Quant Time: Jul 28 05:06:08 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: VY003360.D

Acq: 27 Jul 2020 17:03

Instrument :

MSVOA_Y

ClientSampleId :

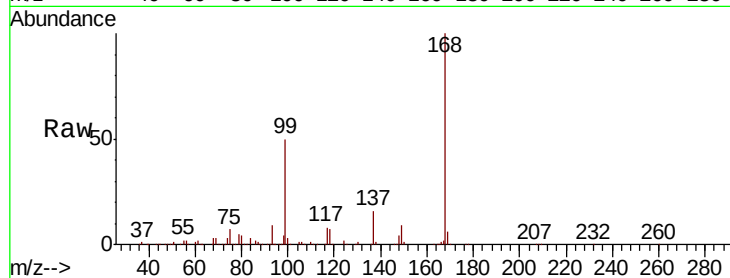
SP-2

Tot Ion:168 Resp: 445832

Ion Ratio Lower Upper

168 100

99 50.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003360.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003360.D (-983) (-)

7.80

200000

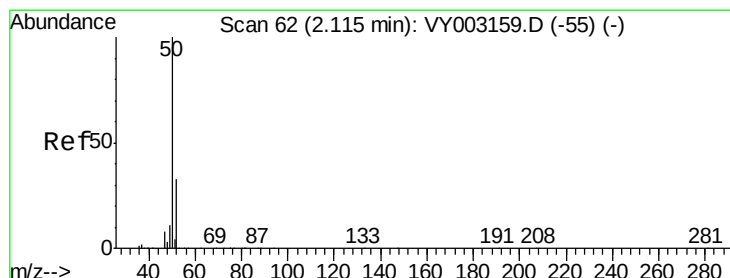
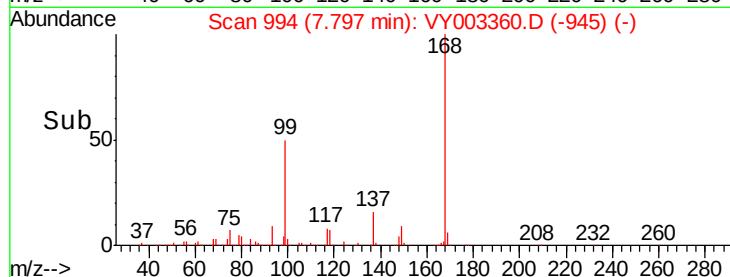
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.141 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003360.D

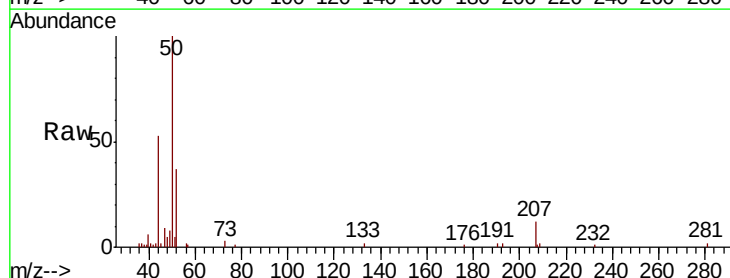
Acq: 27 Jul 2020 17:03

Tgt Ion: 50 Resp: 9488

Ion Ratio Lower Upper

50 100

52 36.5 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003360.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003360.D (-13) (-)

2.12

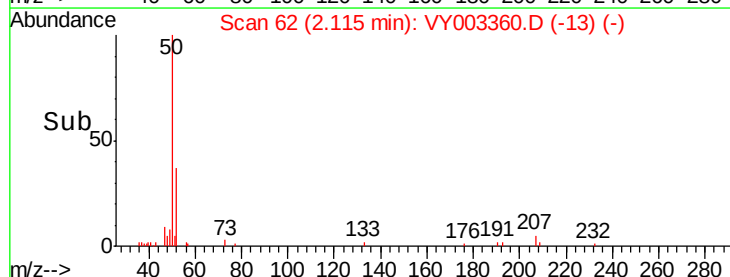
6000

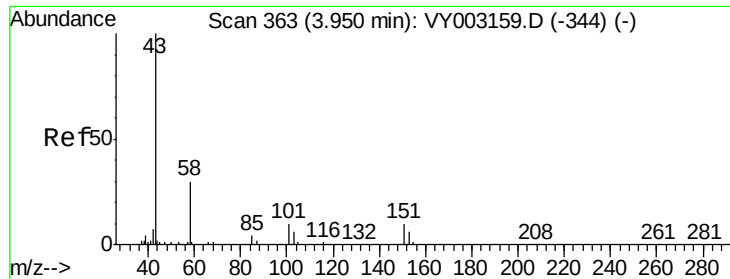
4000

2000

0

Time-->





#16

Acetone

Concen: 1.839 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003360.D

Acq: 27 Jul 2020 17:03

Instrument :

MSVOA_Y

ClientSampleId :

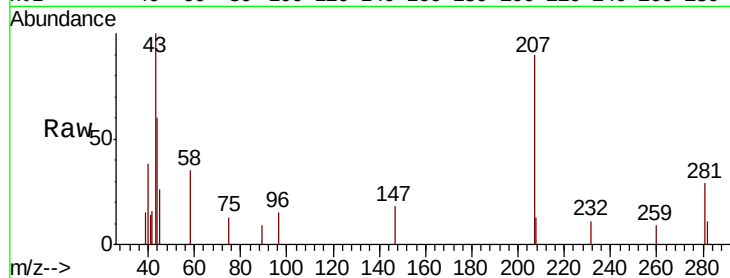
SP-2

Tot Ion: 43 Resp: 1546

Ion Ratio Lower Upper

43 100

58 35.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.95

600

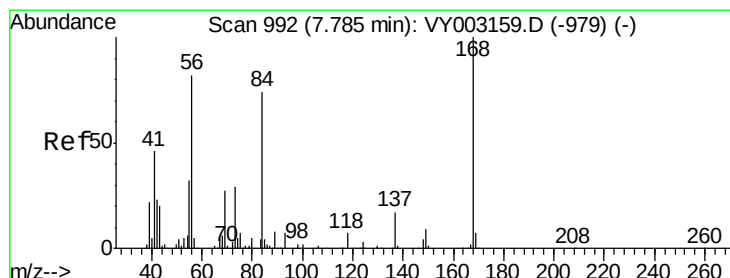
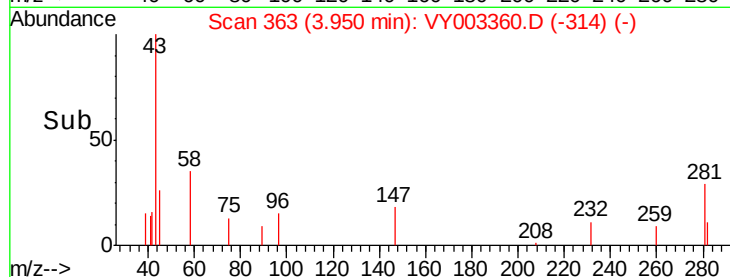
400

200

0

3.85 3.90 3.95 4.00 4.05

Time-->



#31

Cyclohexane

Concen: 1.205 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003360.D

Acq: 27 Jul 2020 17:03

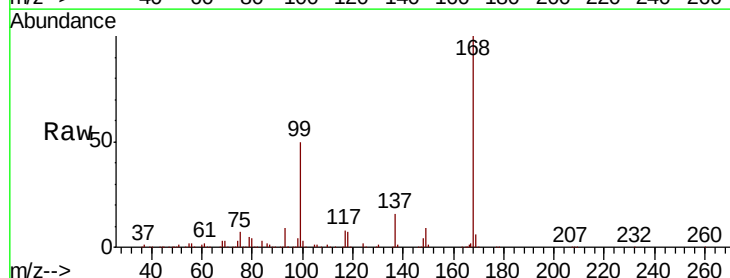
Tgt Ion: 56 Resp: 8246

Ion Ratio Lower Upper

56 100

69 163.9 26.7 40.1#

84 160.3 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

8000

6000

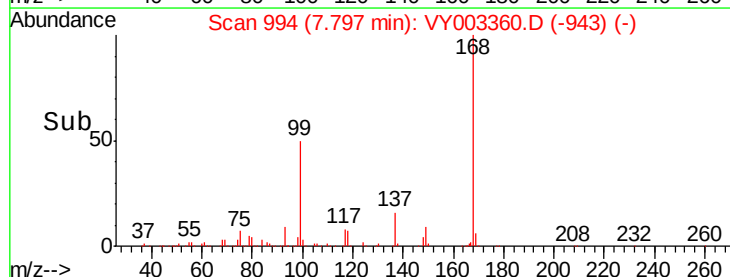
4000

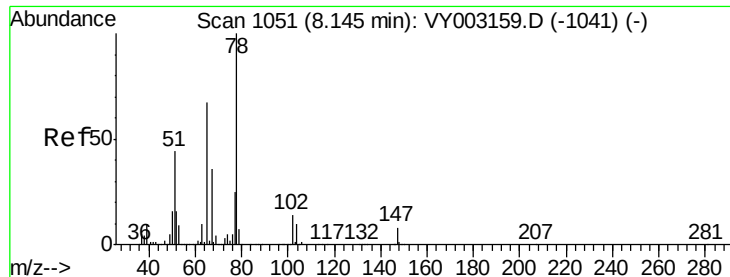
2000

0

7.70 7.75 7.80 7.85

Time-->

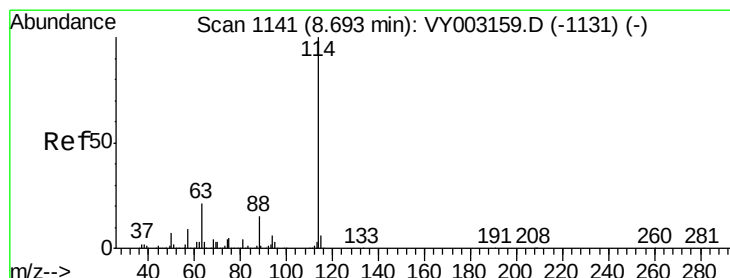
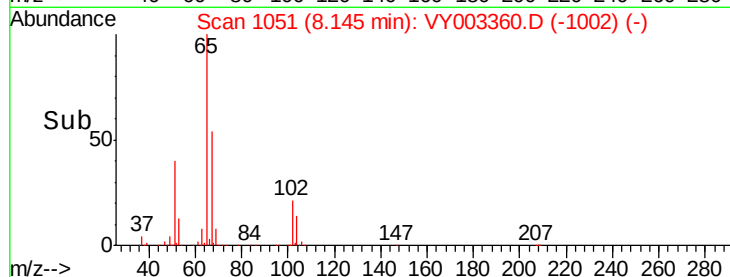
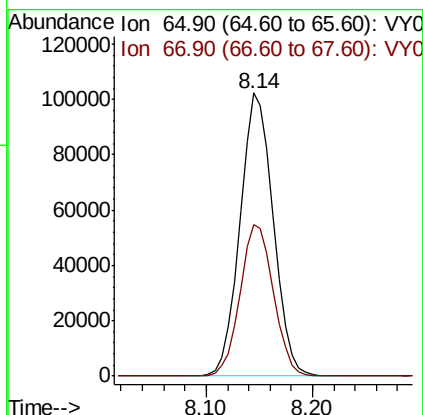
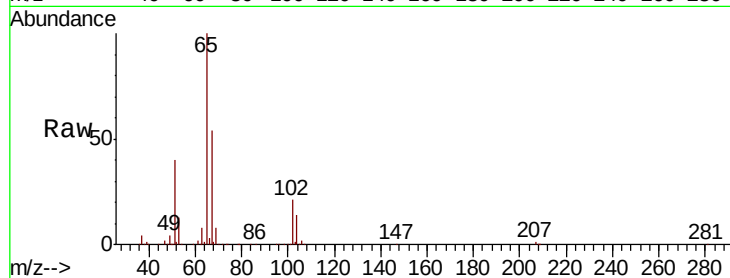




#33
 1,2-Dichloroethane-d4
 Concen: 59.601 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003360.D
 Acq: 27 Jul 2020 17:03

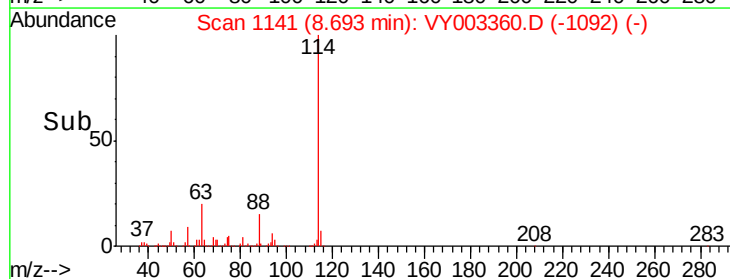
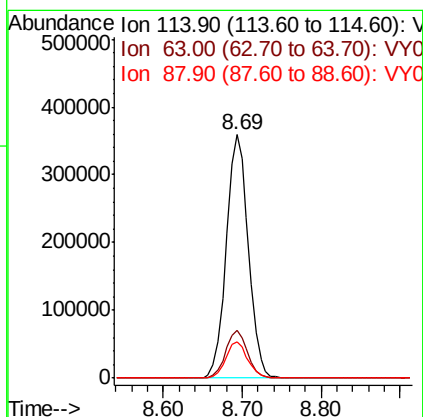
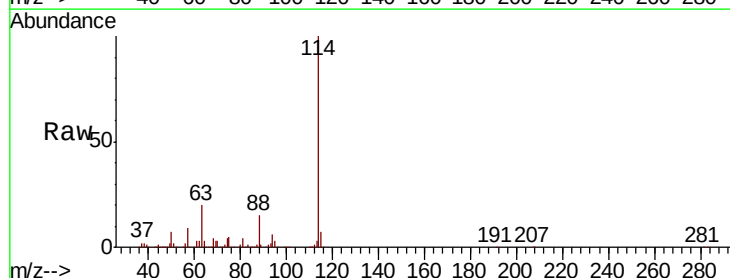
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

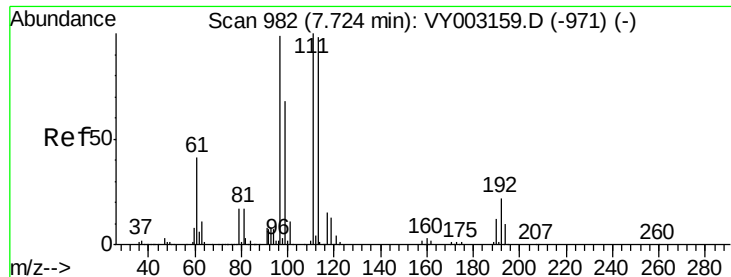
Tot Ion: 65 Resp: 224276
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003360.D
 Acq: 27 Jul 2020 17:03

Tgt Ion: 114 Resp: 693961
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.2
 88 14.9 0.0 30.2

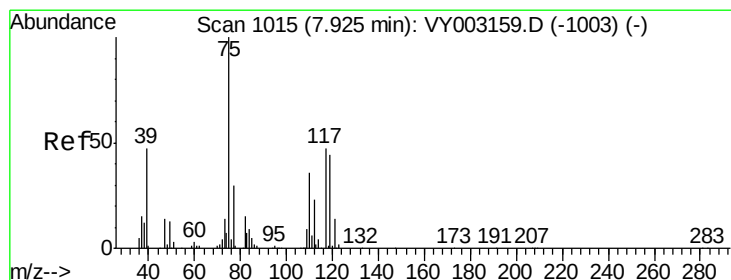
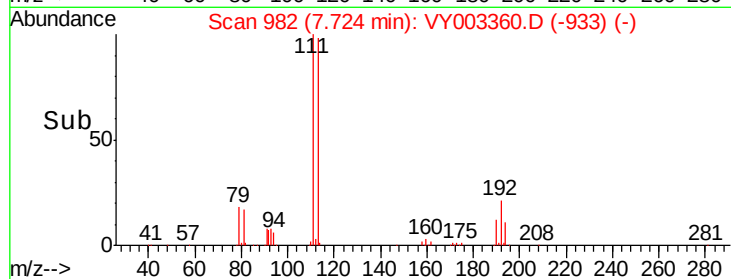
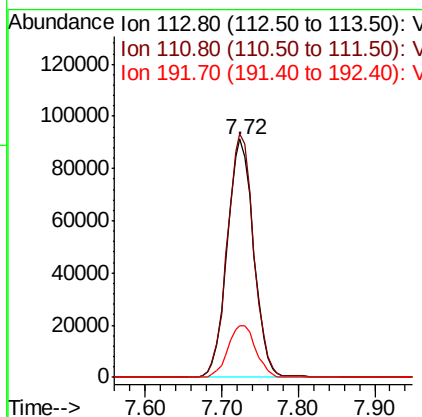
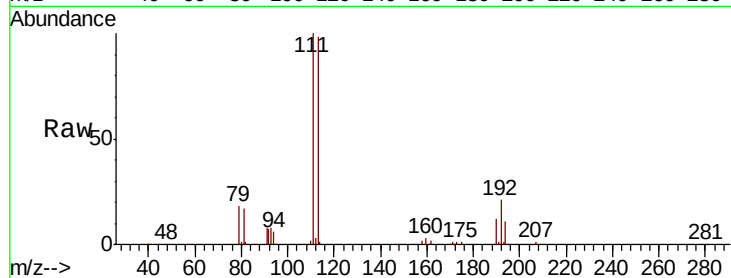




#35
 Dibromofluoromethane
 Concen: 54.394 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003360.D
 Acq: 27 Jul 2020 17:03

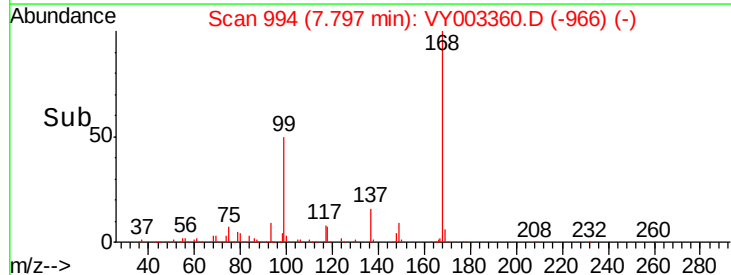
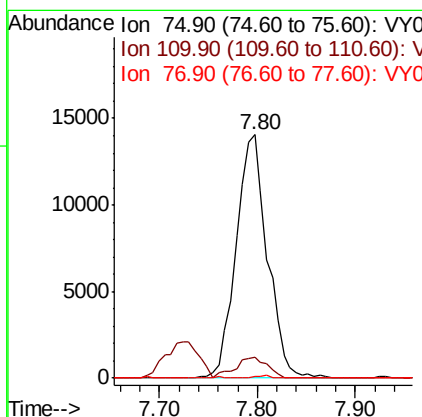
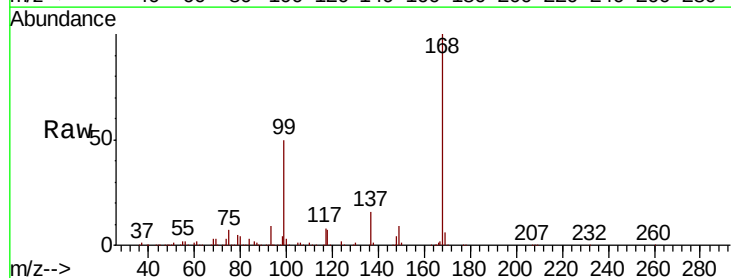
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

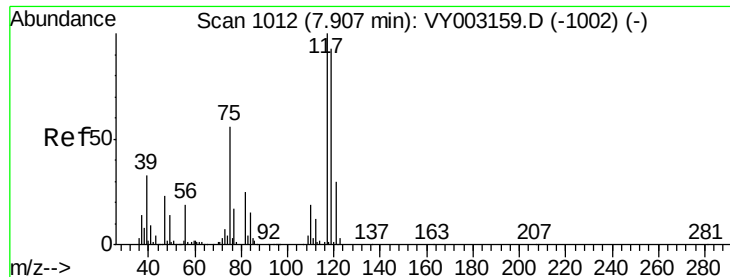
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.1	123.1
192	23.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.968 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003360.D
 Acq: 27 Jul 2020 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.1#
77	0.3	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.108 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003360.D

Acq: 27 Jul 2020 17:03

Instrument :

MSVOA_Y

ClientSampled :

SP-2

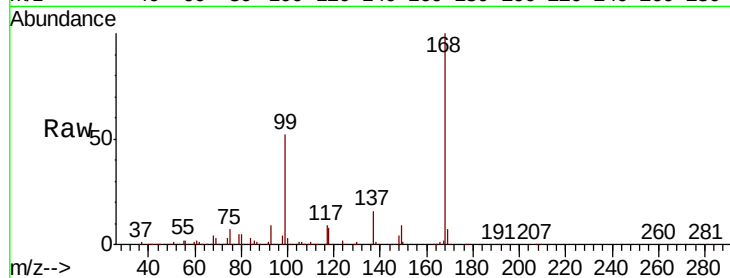
Tot Ion:117 Resp: 39659

Ion Ratio Lower Upper

117 100

119 5.1 74.5 111.7#

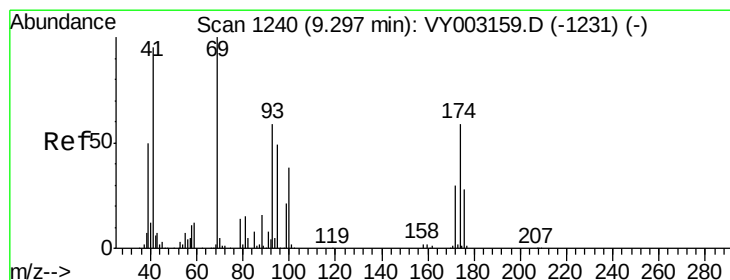
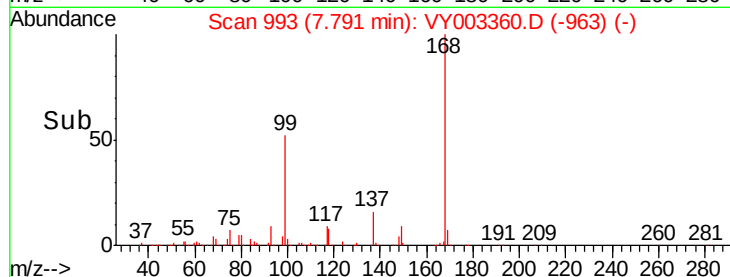
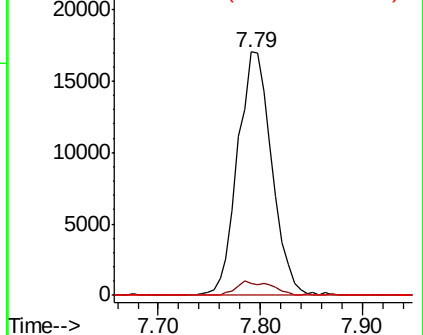
121 0.0 24.2 36.2#



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: 2.017 ug/l

RT: 9.47 min Scan# 1269

Delta R.T. 0.18 min

Lab File: VY003360.D

Acq: 27 Jul 2020 17:03

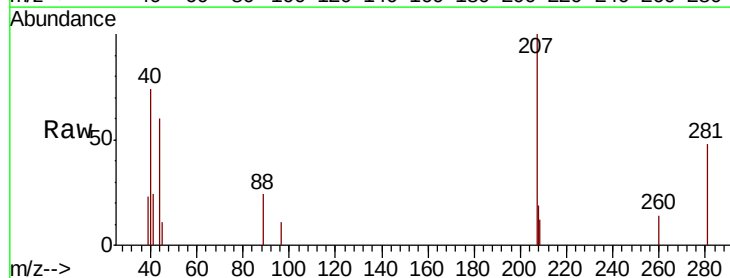
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 0.0 25.6 38.4#

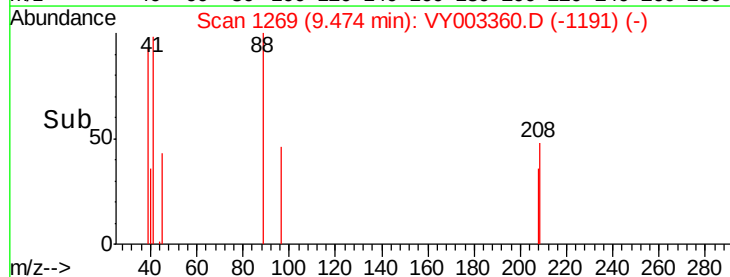
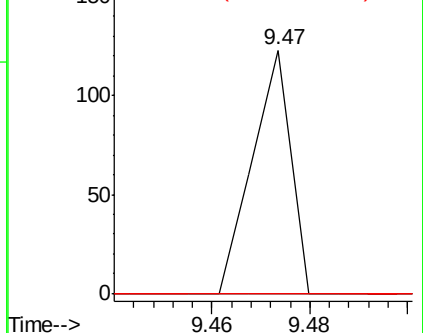
58 0.0 47.8 71.6#

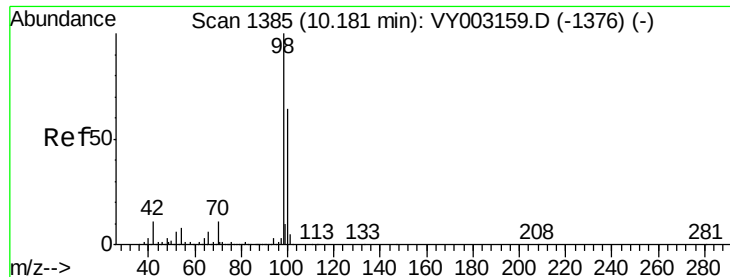


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

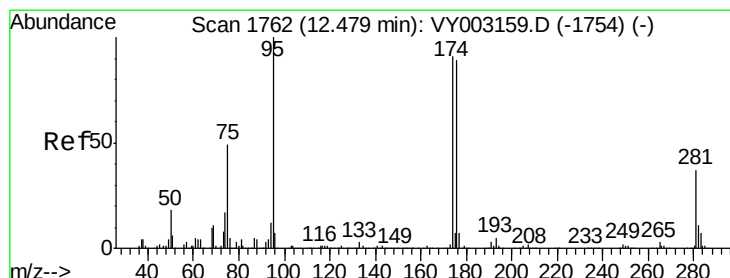
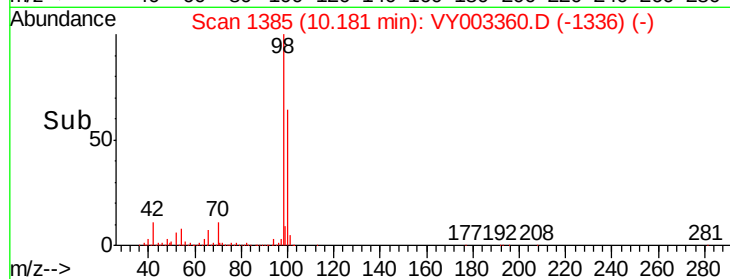
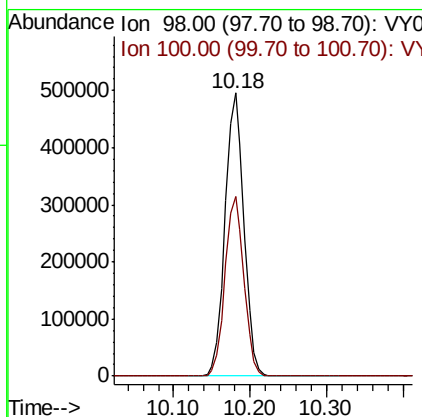
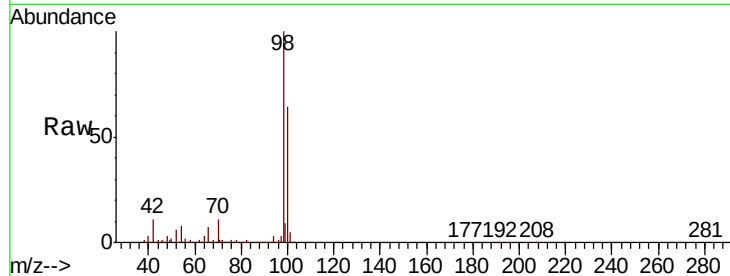




#50
Toluene-d8
Concen: 56.675 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003360.D
Acq: 27 Jul 2020 17:03

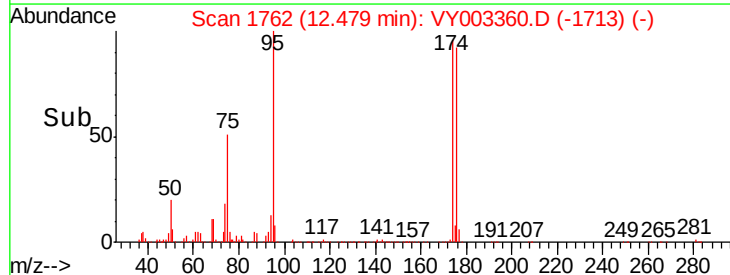
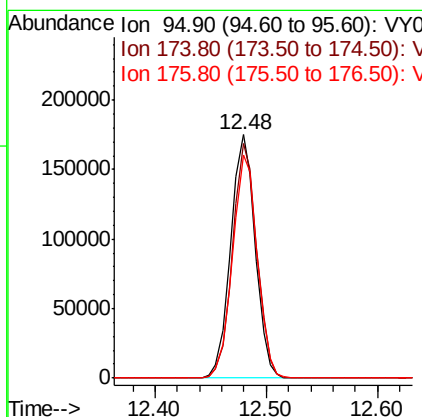
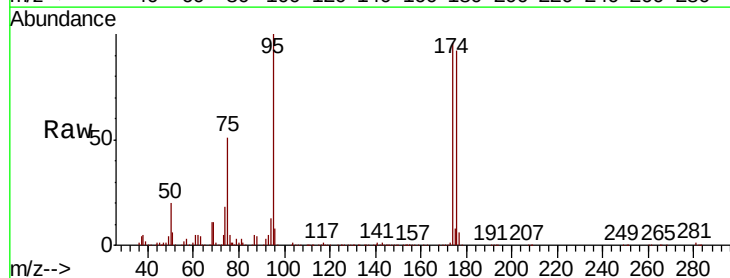
Instrument :
MSVOA_Y
ClientSampled :
SP-2

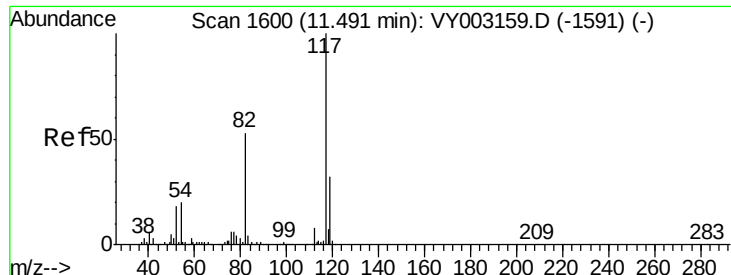
Tot Ion: 98 Resp: 841486
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 49.614 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003360.D
Acq: 27 Jul 2020 17:03

Tgt Ion: 95 Resp: 266117
Ion Ratio Lower Upper
95 100
174 95.8 0.0 190.6
176 92.6 0.0 186.4

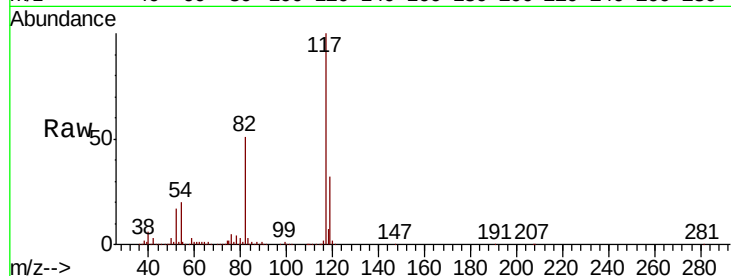




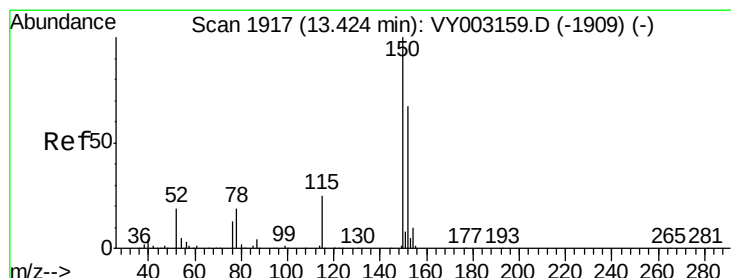
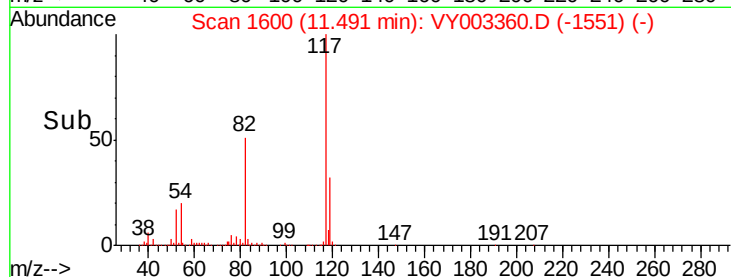
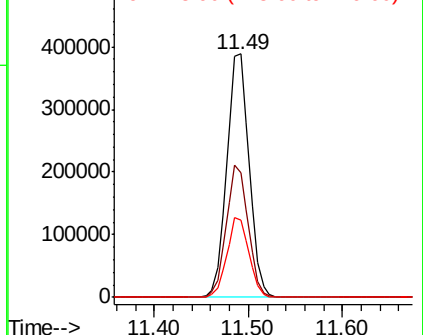
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003360.D
Acq: 27 Jul 2020 17:03

Instrument :
MSVOA_Y
ClientSampled :
SP-2

Tot Ion:117 Resp: 636653
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 31.7 25.5 38.3

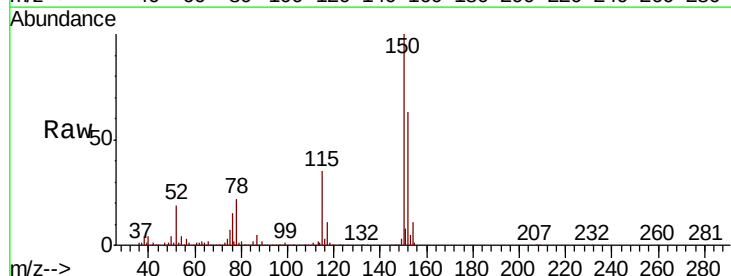


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

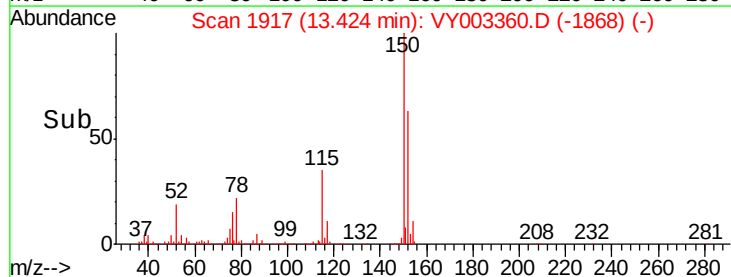
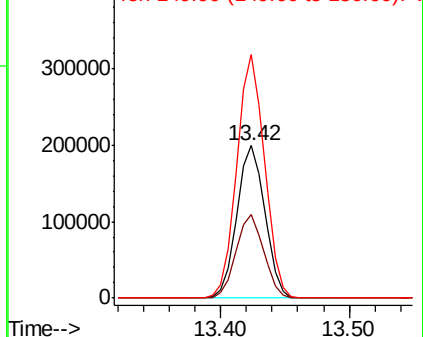


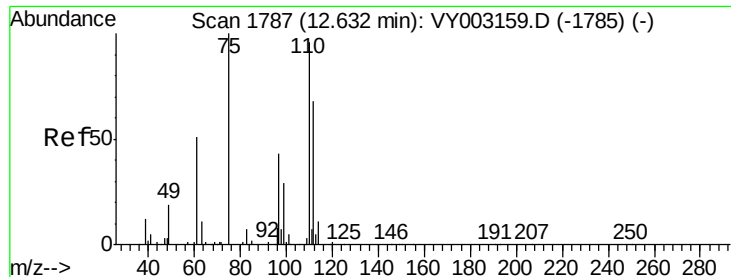
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003360.D
Acq: 27 Jul 2020 17:03

Tgt Ion:152 Resp: 299991
Ion Ratio Lower Upper
152 100
115 54.5 26.9 80.7
150 158.5 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: 51.252 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003360.D

Acq: 27 Jul 2020 17:03

Instrument :

MSVOA_Y

ClientSampled :

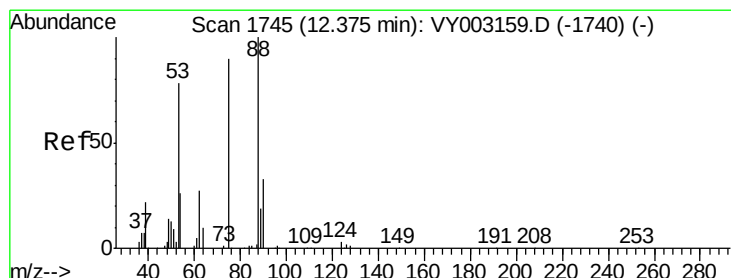
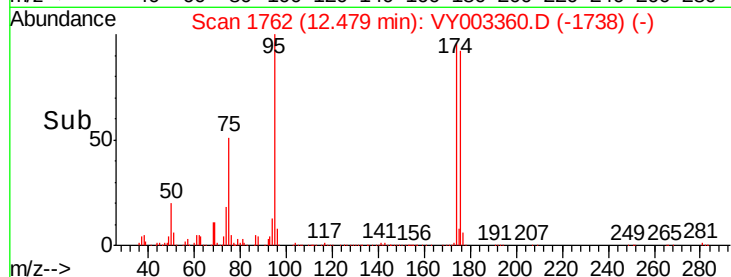
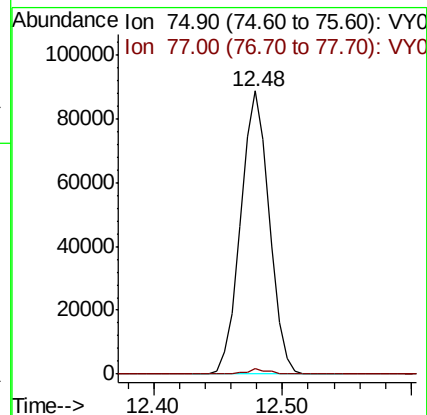
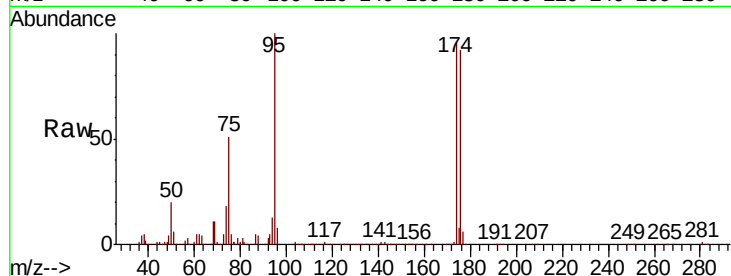
SP-2

Tot Ion: 75 Resp: 136096

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.746 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003360.D

Acq: 27 Jul 2020 17:03

Tgt Ion: 75 Resp: 136096

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 37.3 55.9#

