

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003413.D
 Acq On : 03 Aug 2020 13:39
 Operator : SY/MD
 Sample : L3511-17
 Misc : 3.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP

Quant Time: Aug 04 01:32:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

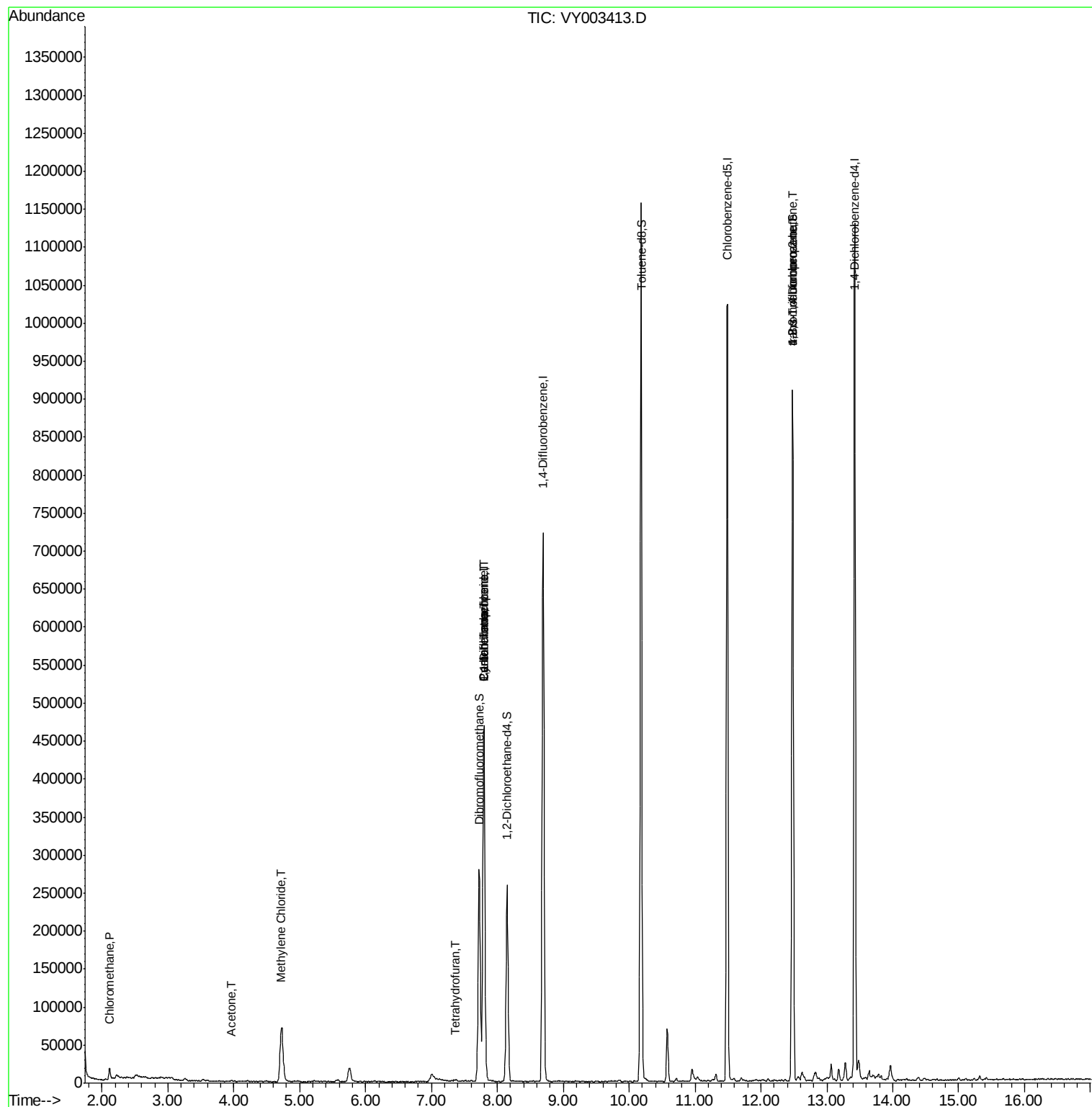
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	387648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	616060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	574861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	291882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	201841	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.72	113	193520	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.18	98	751902	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.48	95	248358	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	12796	2.943	ug/l	96
11) Tert butyl alcohol	4.97	59	2266	Below Cal	#	73
16) Acetone	3.96	43	1477	1.622	ug/l #	83
20) Methylene Chloride	4.72	84	56620	4.221	ug/l	92
29) Tetrahydrofuran	7.36	42	1301	1.437	ug/l	95
31) Cyclohexane	7.80	56	7607	1.164	ug/l #	13
36) 1,1-Dichloropropene	7.79	75	26450	4.537	ug/l #	50
38) Carbon Tetrachloride	7.80	117	35199	5.868	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	128649	49.063	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	128649	92.790	ug/l #	15

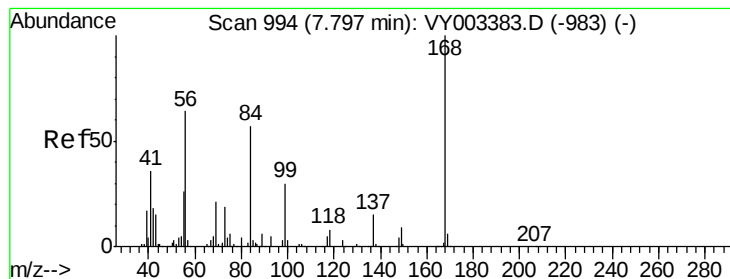
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 04 01:32:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 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: VY003413.D

Acq: 03 Aug 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

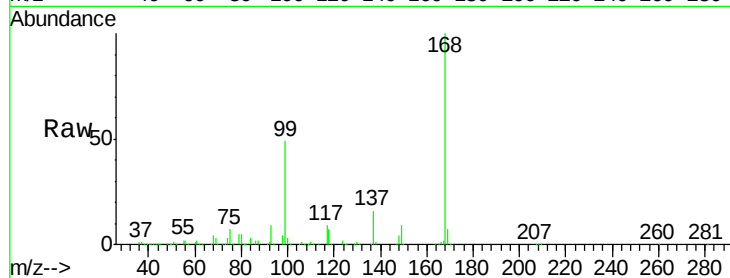
SP

Tot Ion:168 Resp: 387648

Ion Ratio Lower Upper

168 100

99 49.2 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

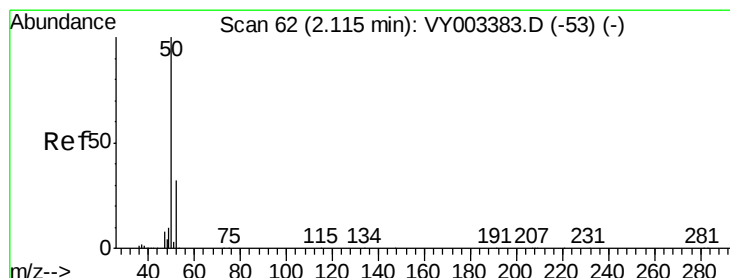
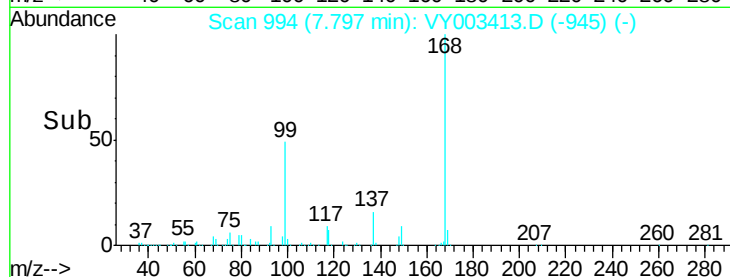
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.943 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003413.D

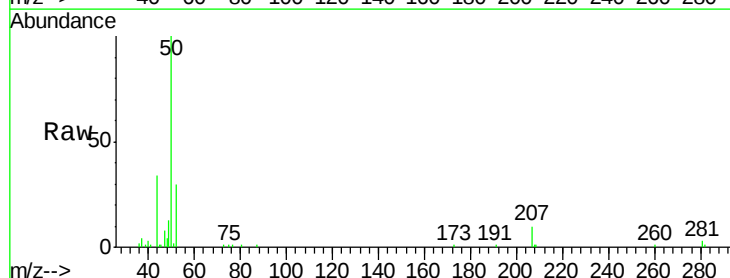
Acq: 03 Aug 2020 13:39

Tgt Ion: 50 Resp: 12796

Ion Ratio Lower Upper

50 100

52 30.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

8000

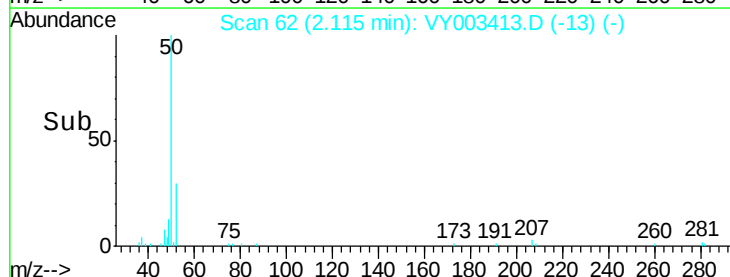
6000

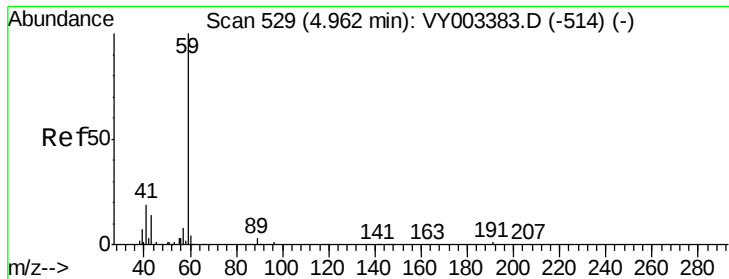
4000

2000

0

Time-->

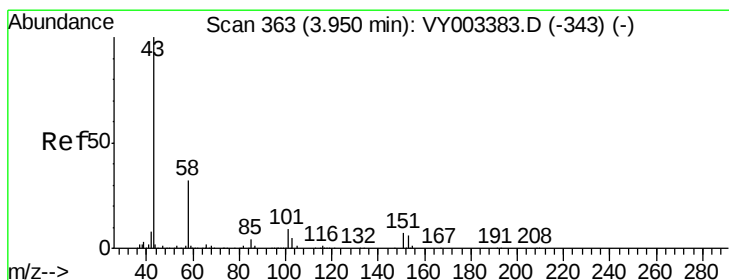
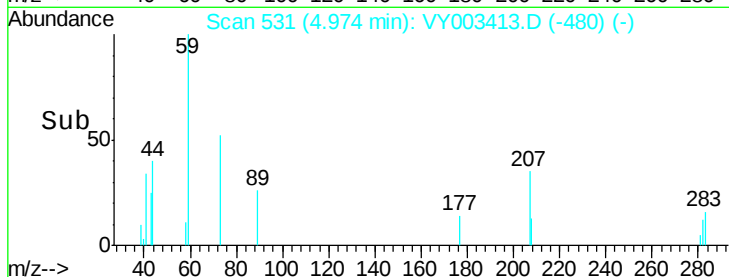
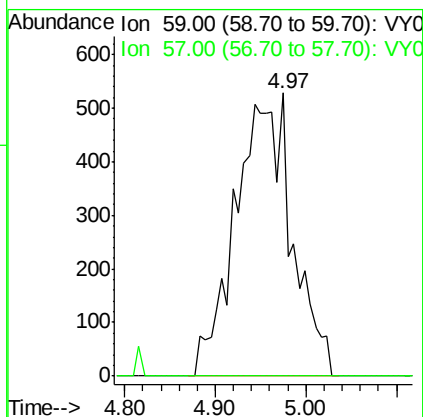
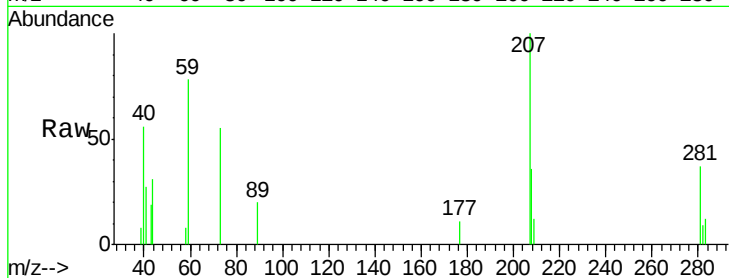




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

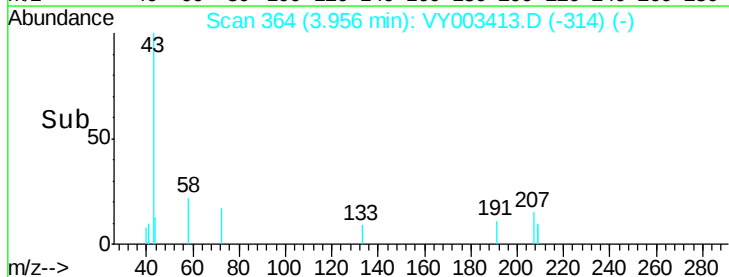
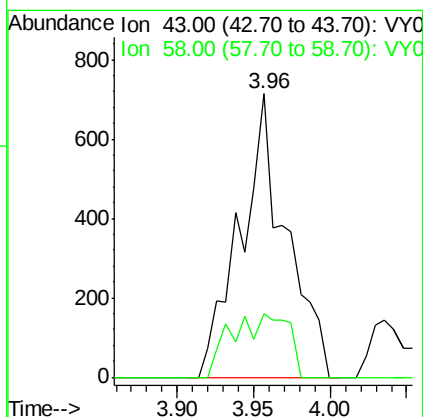
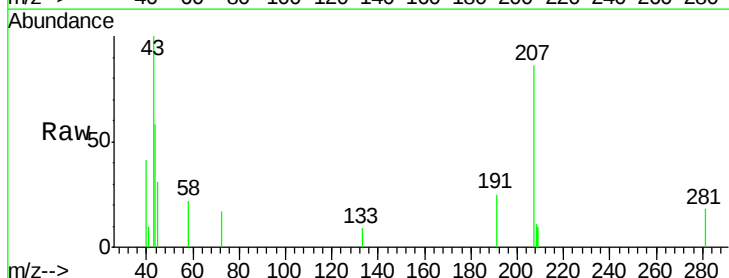
Instrument :
MSVOA_Y
ClientSampled :
SP

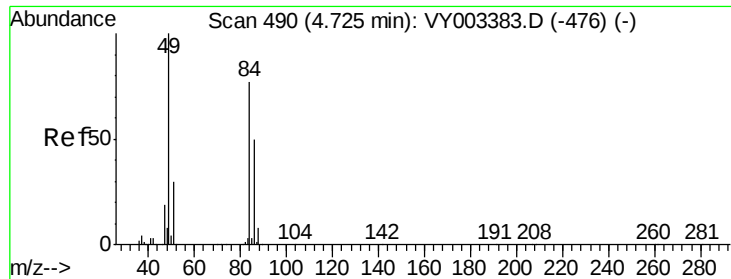
Tot Ion: 59 Resp: 2266
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 1.622 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 22.4 25.4 38.2#

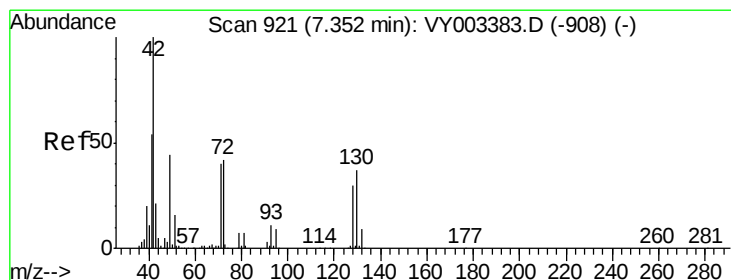
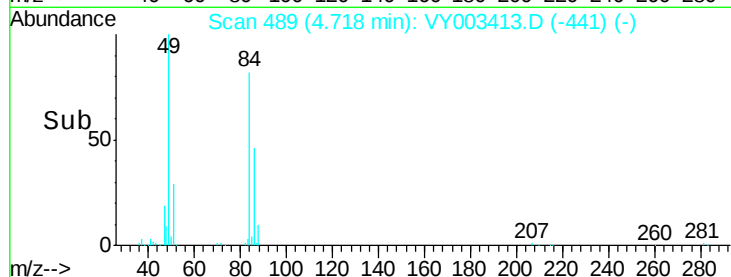
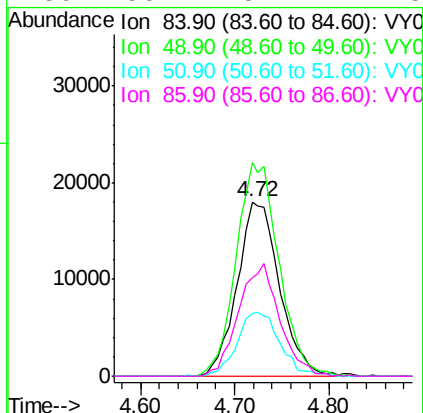
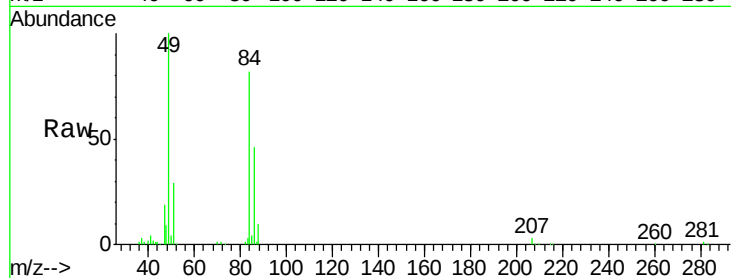




#20
Methvlene Chloride
Concen: 4.221 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

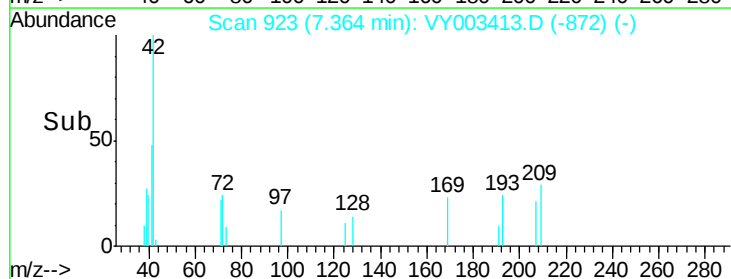
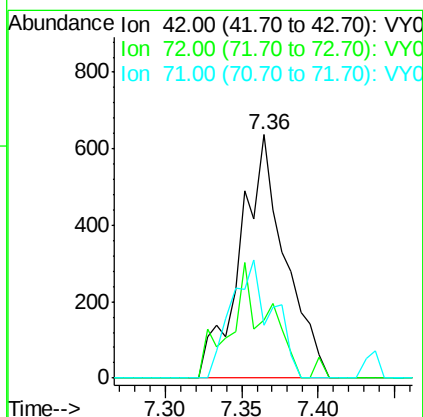
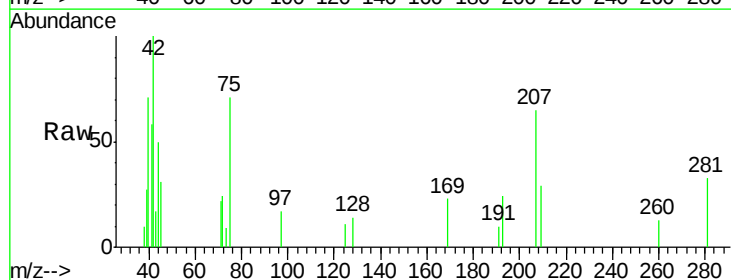
Instrument :
MSVOA_Y
ClientSampleId :
SP

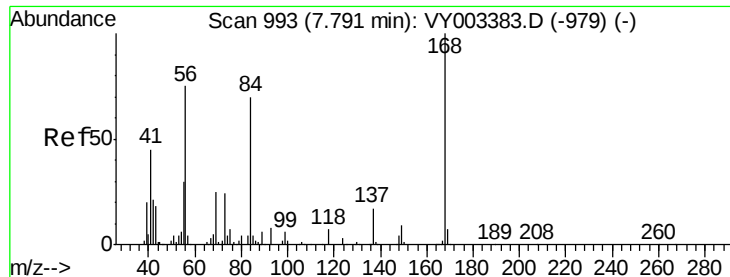
Tot Ion:	84	Resp:	56620
Ion	Ratio	Lower	Upper
84	100		
49	122.1	104.2	156.4
51	35.8	31.5	47.3
86	56.4	51.7	77.5



#29
Tetrahydrofuran
Concen: 1.437 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

Tgt Ion:	42	Resp:	1301
Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.5	50.3
71	44.5	32.1	48.1

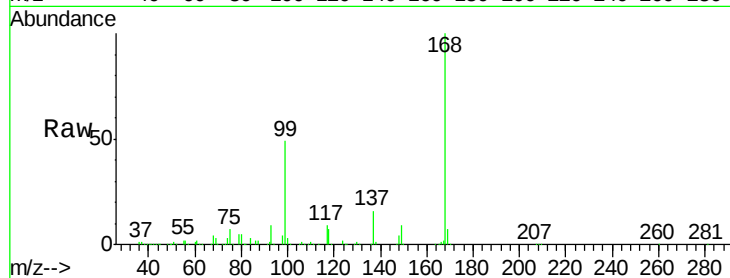




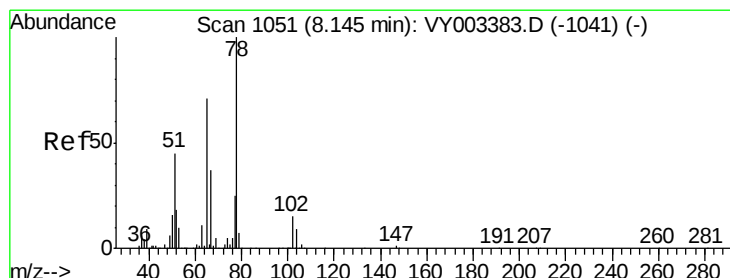
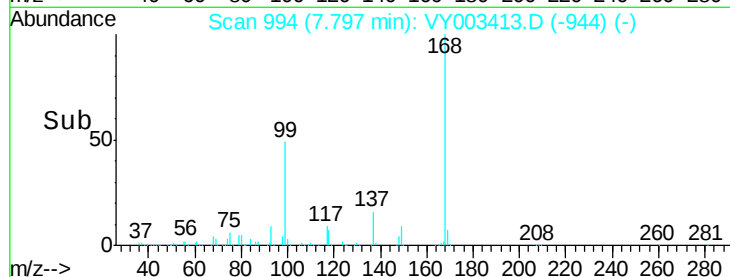
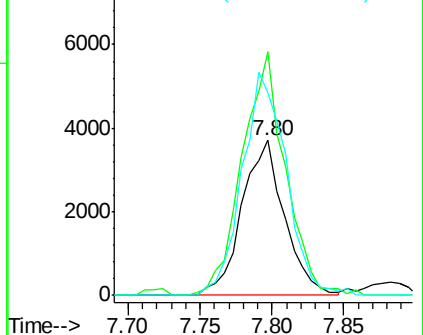
#31
Cvclohexane
Concen: 1.164 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
SP

Tot Ion: 56 Resp: 7607
Ion Ratio Lower Upper
56 100
69 157.2 26.1 39.1#
84 130.5 73.9 110.9#

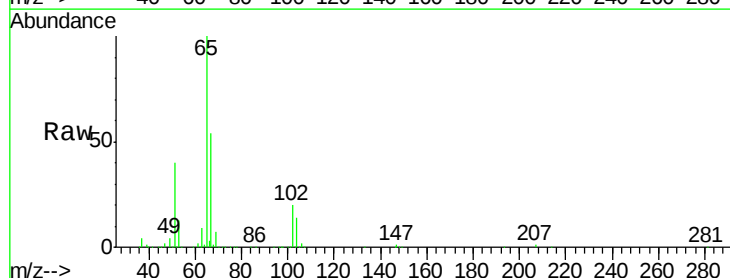


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

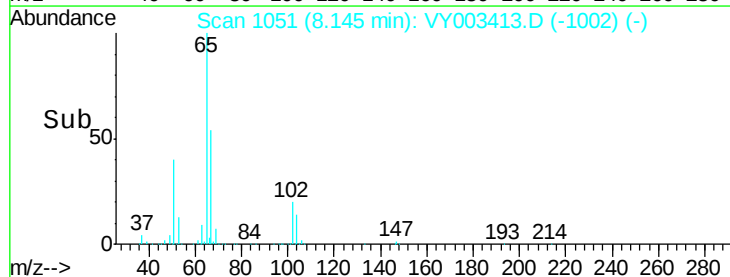
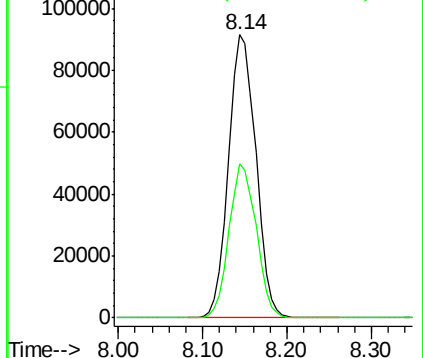


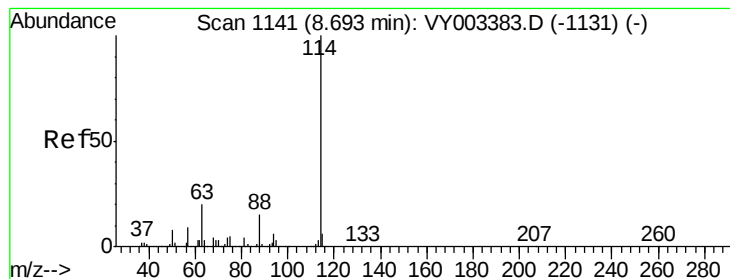
#33
1,2-Dichloroethane-d4
Concen: 54.762 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

Tgt Ion: 65 Resp: 201841
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6



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: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

SP

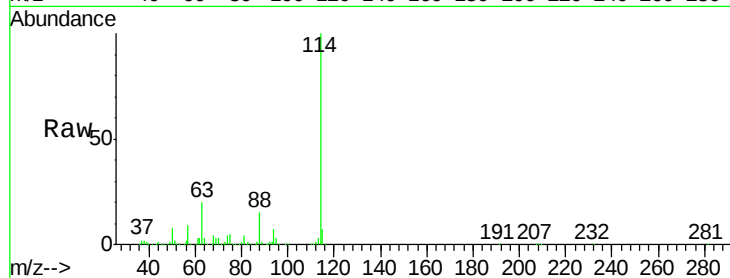
Tot Ion:114 Resp: 616060

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

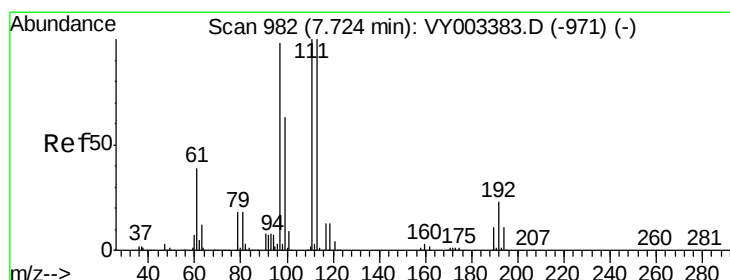
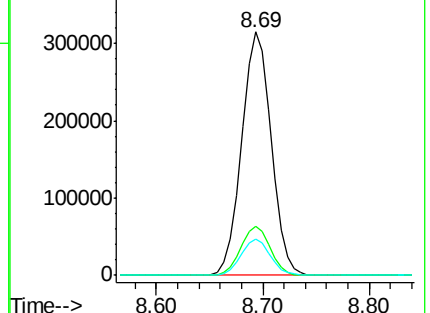
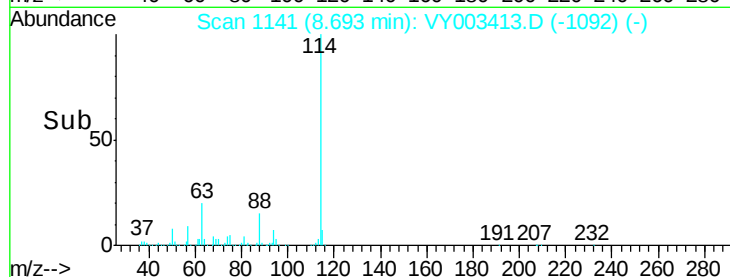
88 15.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.326 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

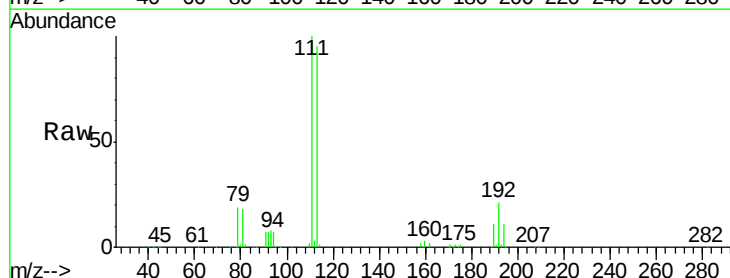
Tgt Ion:113 Resp: 193520

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

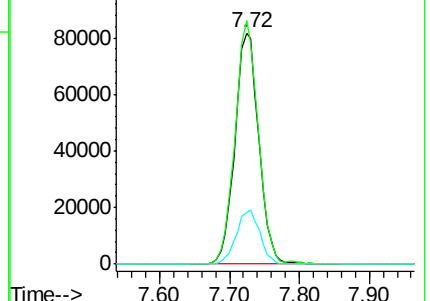
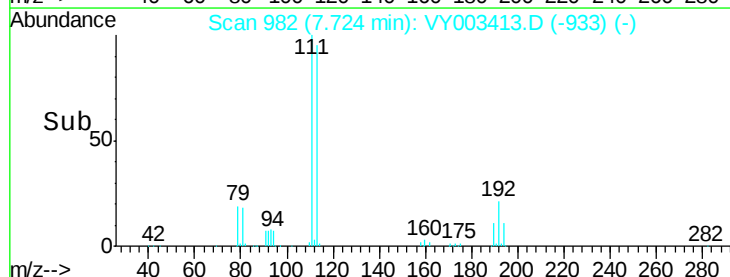
192 23.2 18.8 28.2

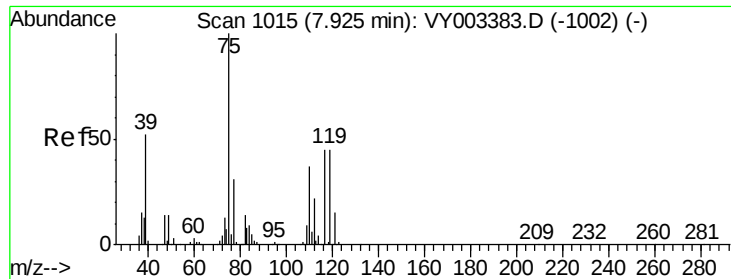


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.537 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

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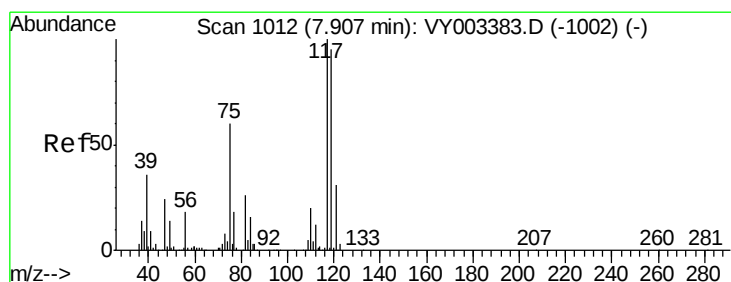
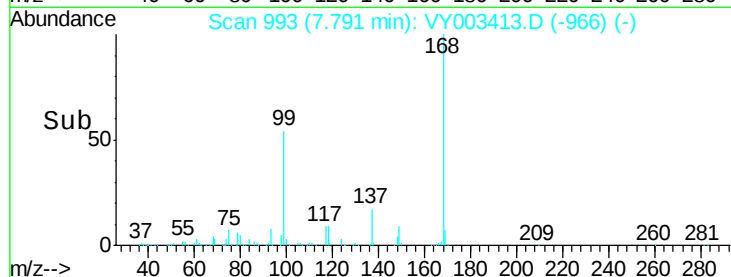
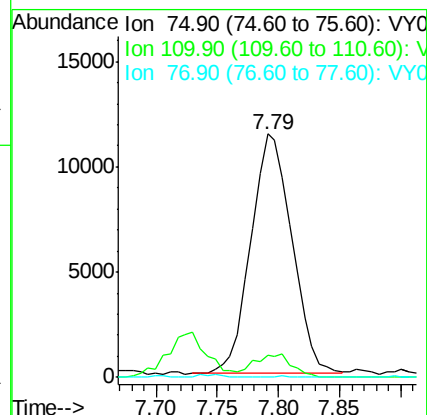
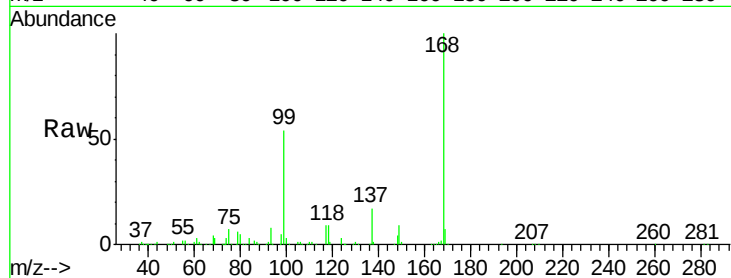
Tot Ion: 75 Resp: 26450

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.5#

77 0.1 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.868 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

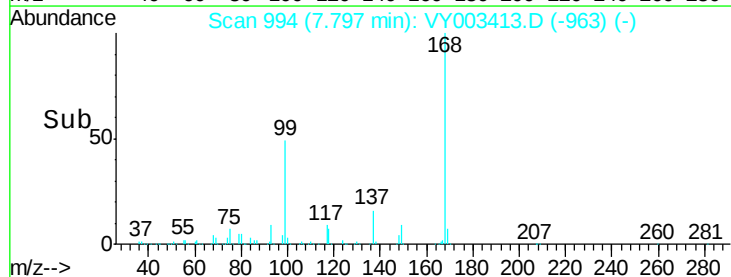
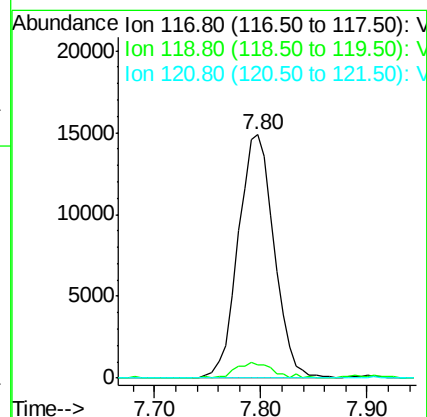
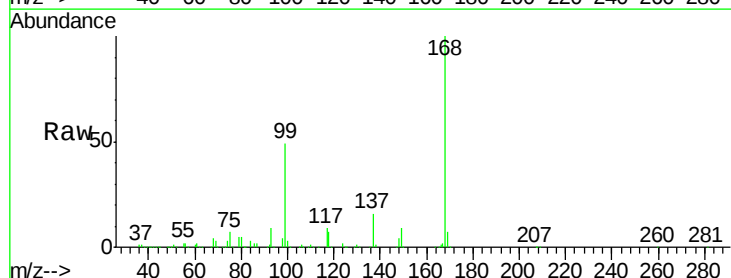
Tgt Ion: 117 Resp: 35199

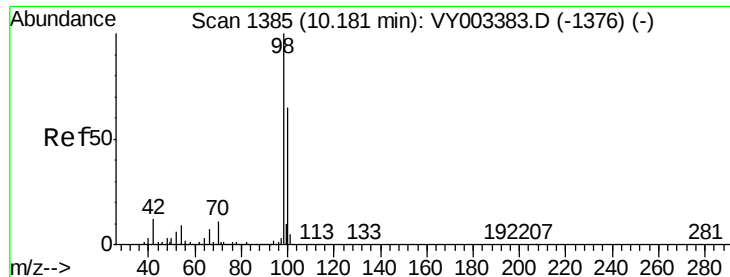
Ion Ratio Lower Upper

117 100

119 5.7 76.1 114.1#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 52.912 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

Instrument :

MSVOA_Y

ClientSampled :

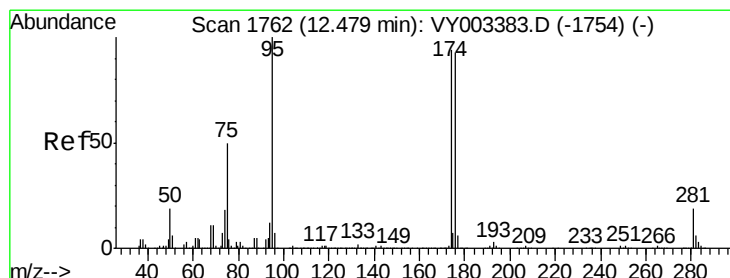
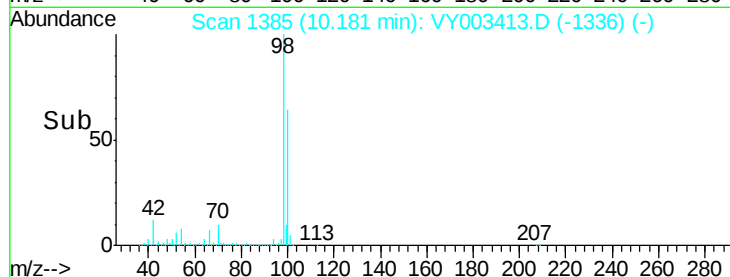
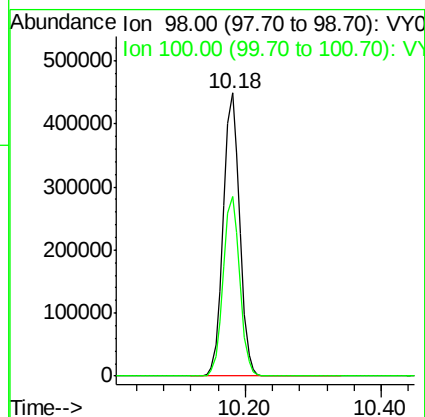
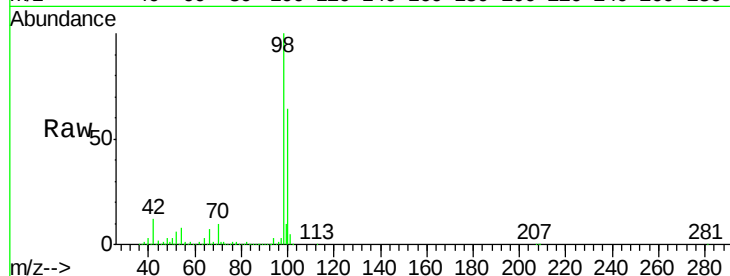
SP

Tot Ion: 98 Resp: 751902

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 51.151 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

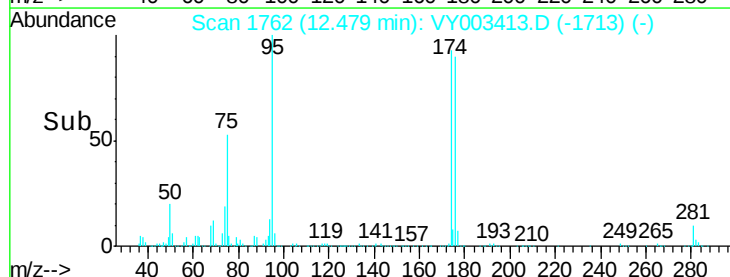
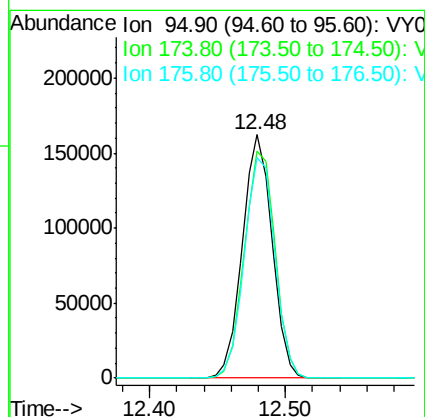
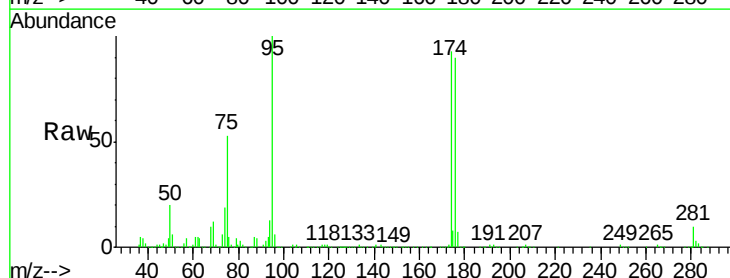
Tgt Ion: 95 Resp: 248358

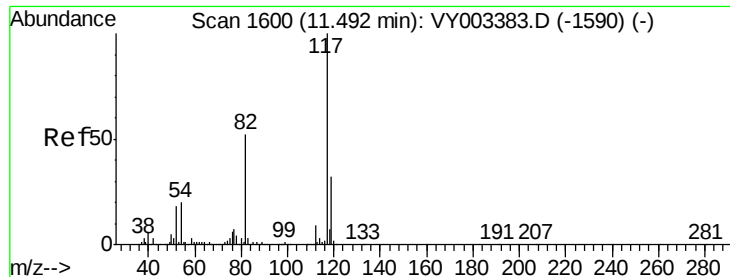
Ion Ratio Lower Upper

95 100

174 96.9 0.0 190.0

176 93.8 0.0 184.4

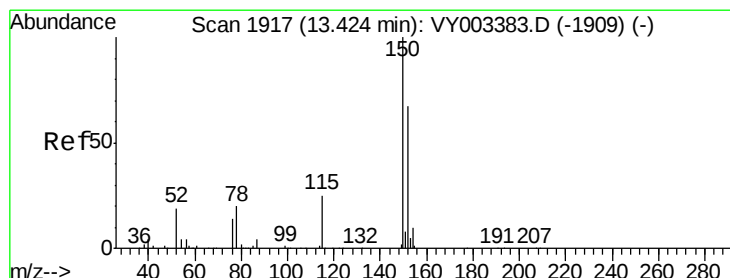
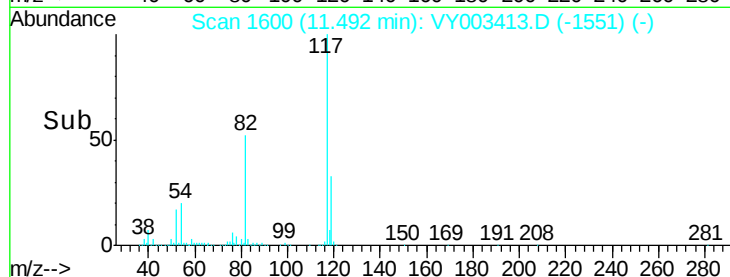
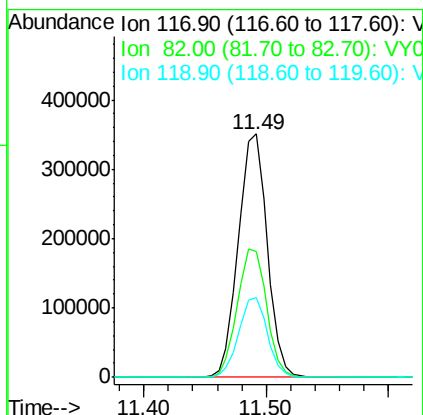
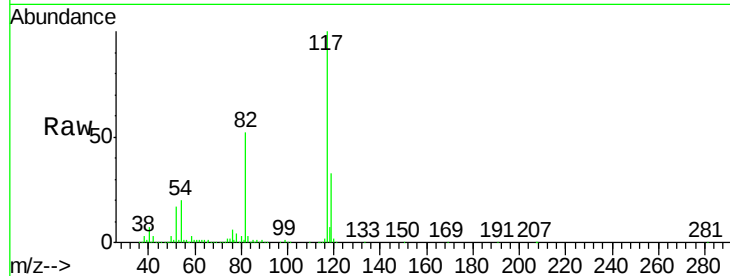




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

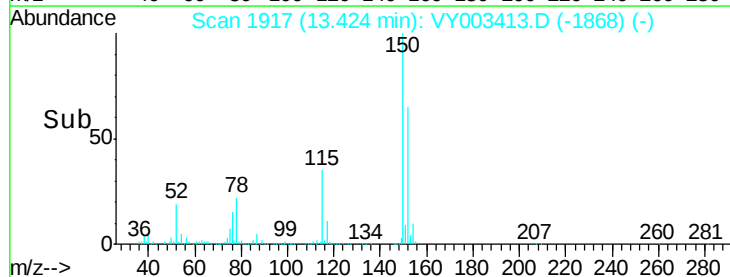
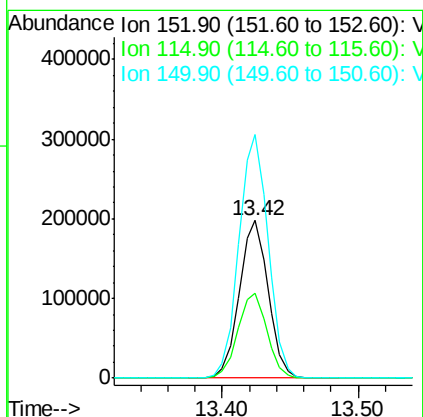
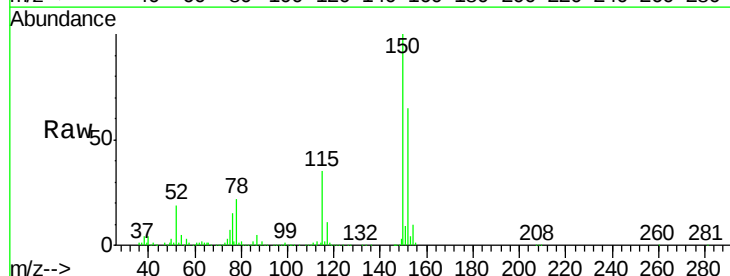
Instrument :
MSVOA_Y
ClientSampleId :
SP

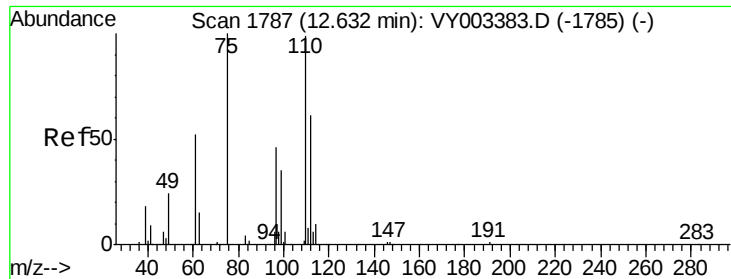
Tot Ion:117 Resp: 574861
Ion Ratio Lower Upper
117 100
82 51.7 41.9 62.9
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

Tgt Ion:152 Resp: 291882
Ion Ratio Lower Upper
152 100
115 54.7 27.2 81.5
150 156.7 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 49.063 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

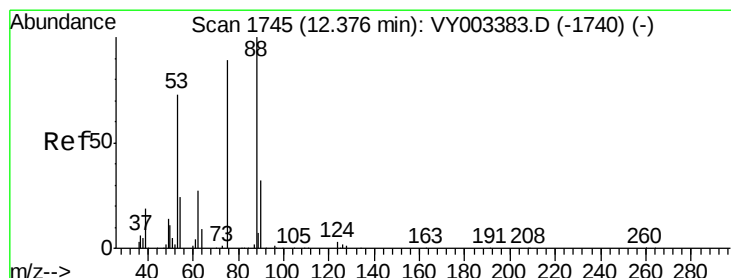
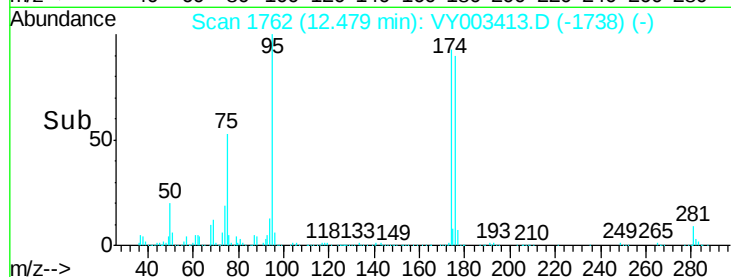
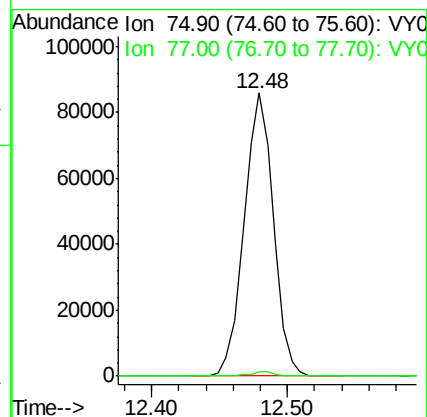
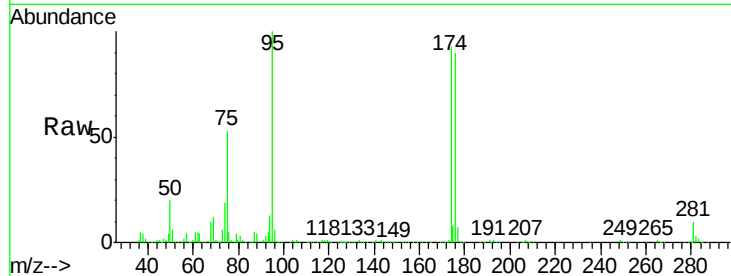
SP

Tot Ion: 75 Resp: 128649

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.790 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

Tgt Ion: 75 Resp: 128649

Ion Ratio Lower Upper

75 100

53 0.0 69.5 104.3#

89 0.1 33.8 50.6#

