

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003305.D
 Acq On : 22 Jul 2020 21:57
 Operator : SY/MD
 Sample : L3308-20
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20

Quant Time: Jul 23 05:46:08 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

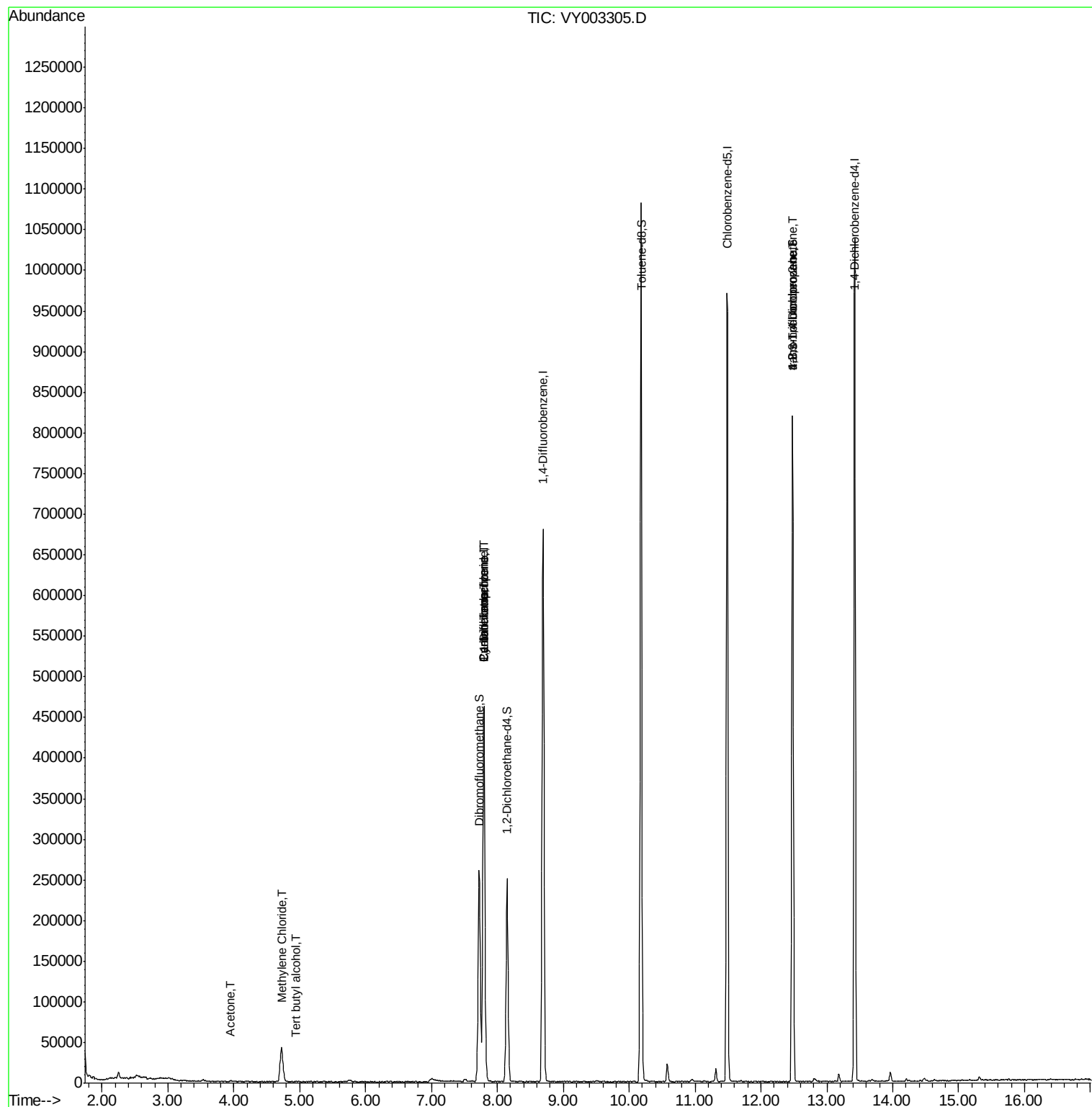
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	377507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	581056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	542983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	263007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	193399	60.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.40%	
35) Dibromofluoromethane	7.72	113	184374	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
50) Toluene-d8	10.18	98	713386	57.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.76%	
62) 4-Bromofluorobenzene	12.48	95	228787	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.95	59	669	1.942	ug/l #	72
16) Acetone	3.95	43	1022	1.436	ug/l #	12
20) Methylene Chloride	4.72	84	32608	4.056	ug/l	96
31) Cyclohexane	7.79	56	7233	1.248	ug/l #	22
36) 1,1-Dichloropropene	7.79	75	26148	4.965	ug/l #	50
38) Carbon Tetrachloride	7.79	117	34748	6.391	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	117427	50.440	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	117427	98.165	ug/l #	13

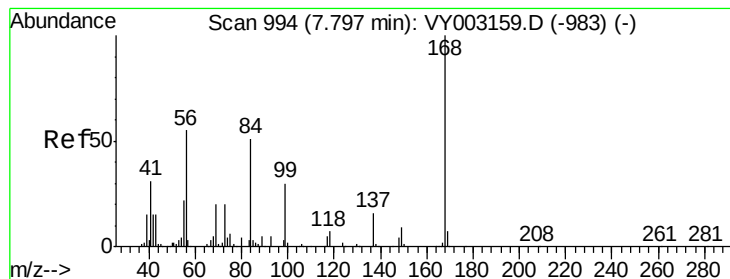
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
Data File : VY003305.D
Acq On : 22 Jul 2020 21:57
Operator : SY/MD
Sample : L3308-20
Misc : 5.09G/5ML/MSVOA Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20

Quant Time: Jul 23 05:46:08 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: VY003305.D

Acq: 22 Jul 2020 21:57

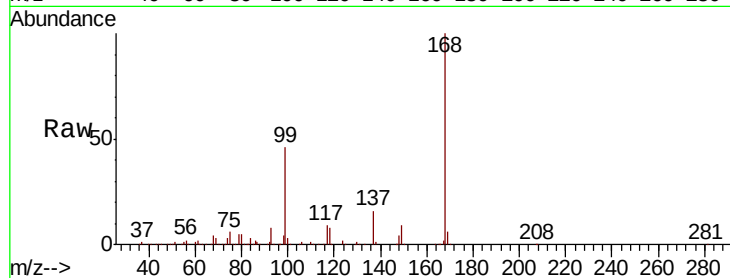
Instrument :
MSVOA_Y
ClientSampleId :
20

Tot Ion:168 Resp: 377507

Ion Ratio Lower Upper

168 100

99 45.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003305.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003305.D (-945) (-)

7.80

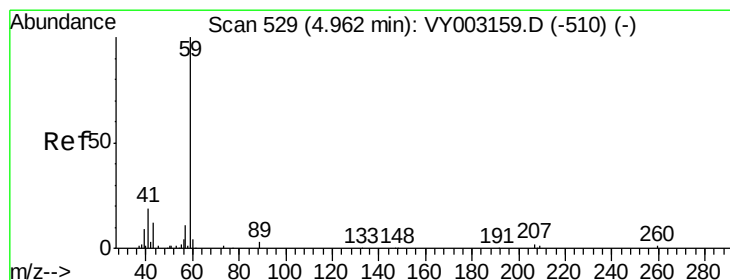
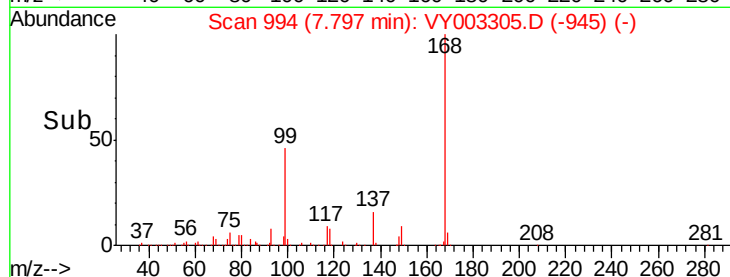
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.942 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.01 min

Lab File: VY003305.D

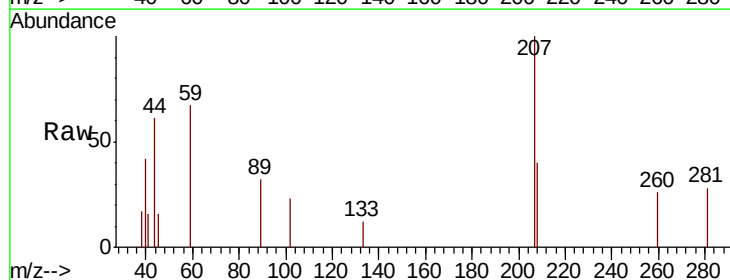
Acq: 22 Jul 2020 21:57

Tgt Ion: 59 Resp: 669

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003305.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003305.D (-480) (-)

4.95

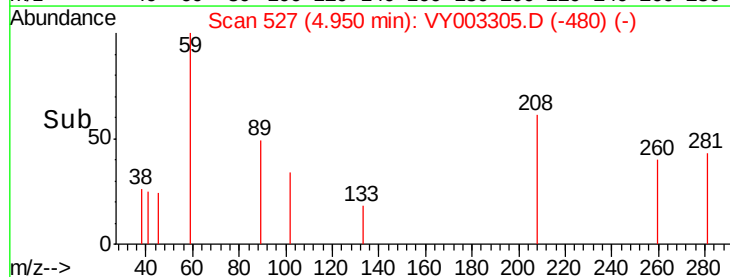
300

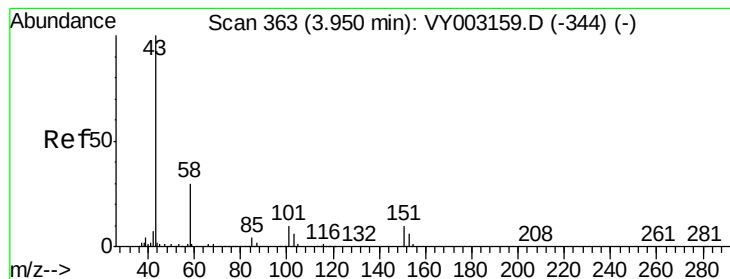
200

100

0

Time-->





#16

Acetone

Concen: 1.436 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003305.D

Acq: 22 Jul 2020 21:57

Instrument :

MSVOA_Y

ClientSampled :

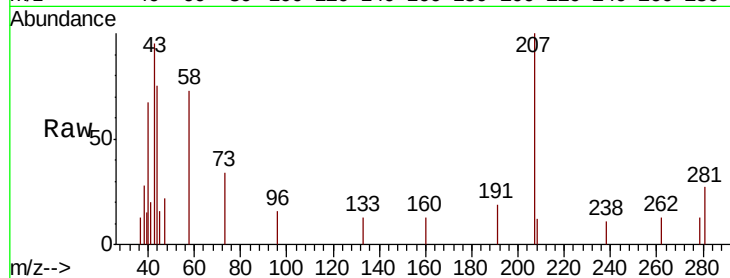
20

Tot Ion: 43 Resp: 1022

Ion Ratio Lower Upper

43 100

58 77.3 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

400

300

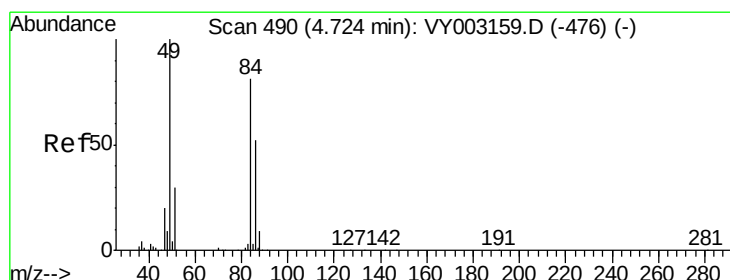
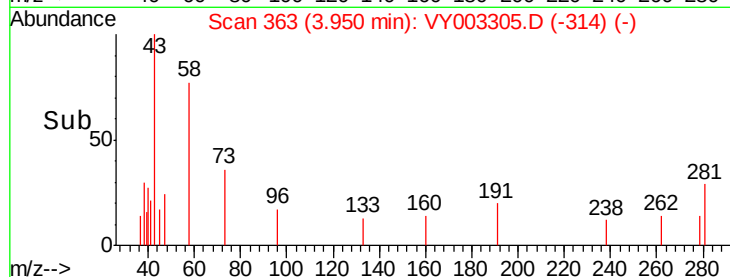
200

100

0

3.90 3.95 4.00

Time-->



#20

Methylene Chloride

Concen: 4.056 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003305.D

Acq: 22 Jul 2020 21:57

Tgt Ion: 84 Resp: 32608

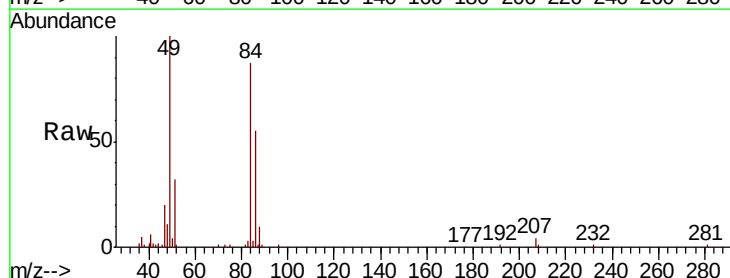
Ion Ratio Lower Upper

84 100

49 115.3 98.2 147.4

51 36.4 29.8 44.6

86 63.8 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

15000

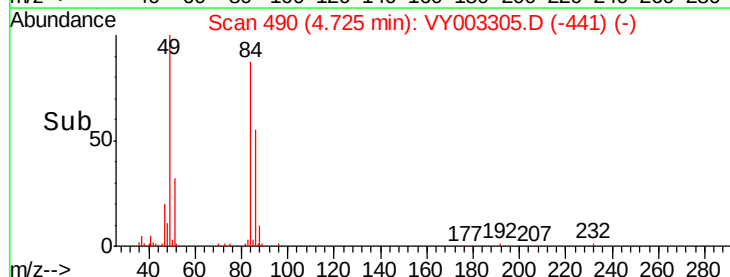
10000

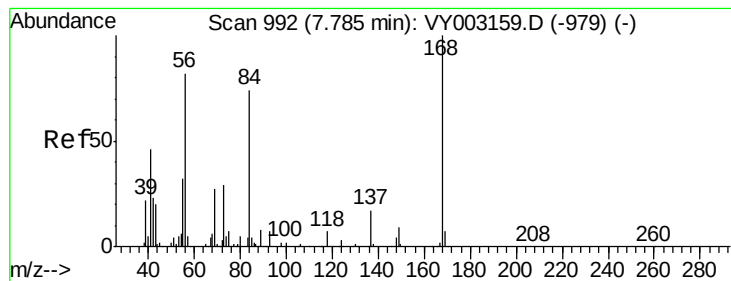
5000

0

4.60 4.70 4.80

Time-->





#31

Cyclohexane

Concen: 1.248 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

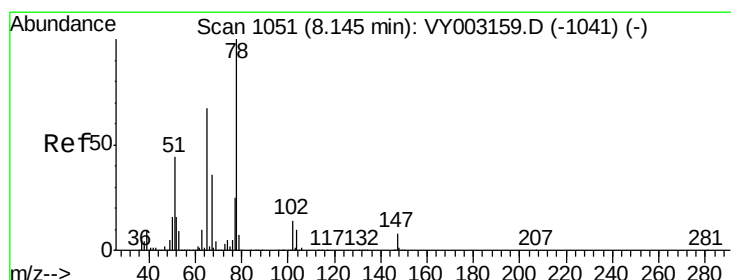
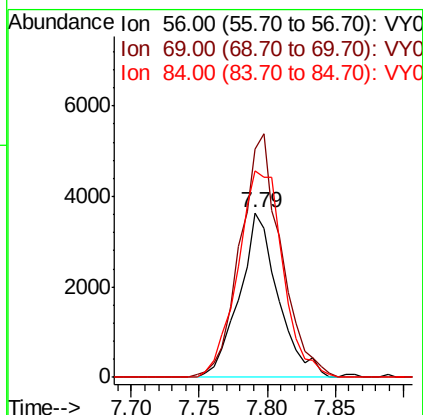
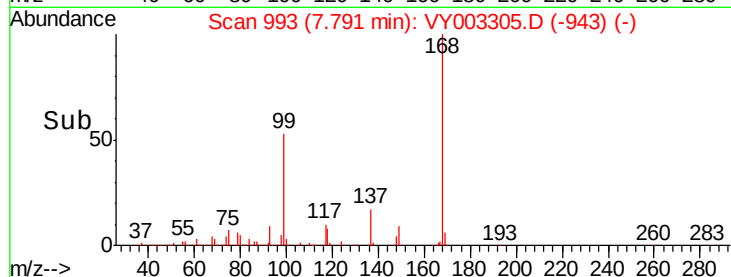
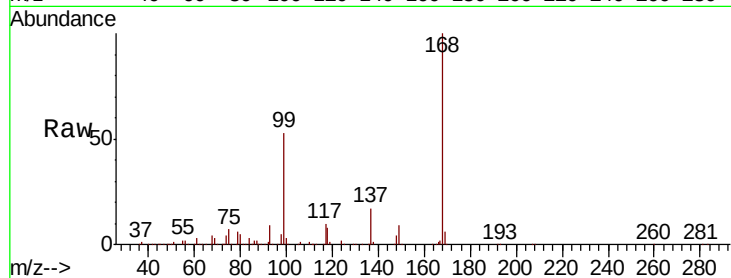
Lab File: VY003305.D

Acq: 22 Jul 2020 21:57

Instrument :
MSVOA_Y
ClientSampleId :
20

Tot Ion: 56 Resp: 7233

Ion	Ratio	Lower	Upper
56	100		
69	139.0	26.7	40.1#
84	125.8	72.3	108.5#



#33

1,2-Dichloroethane-d4

Concen: 60.697 ug/l

RT: 8.14 min Scan# 1051

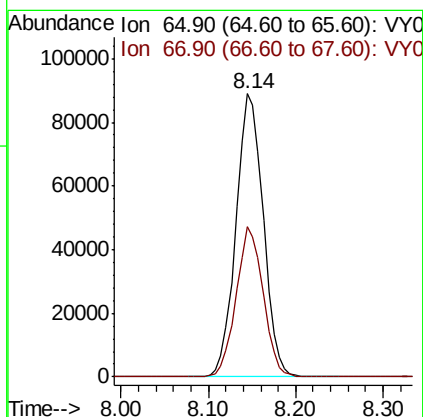
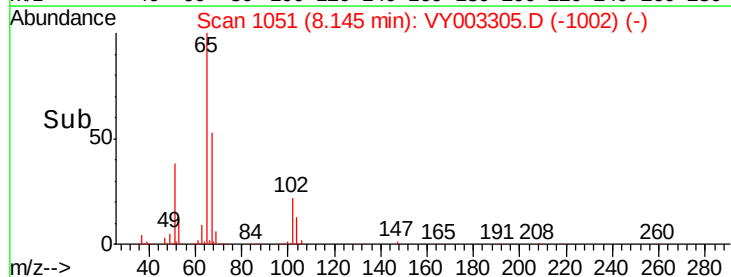
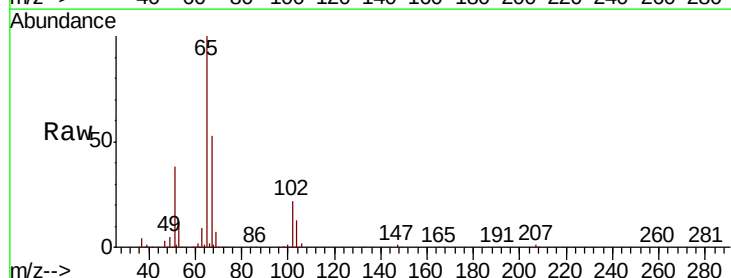
Delta R.T. 0.00 min

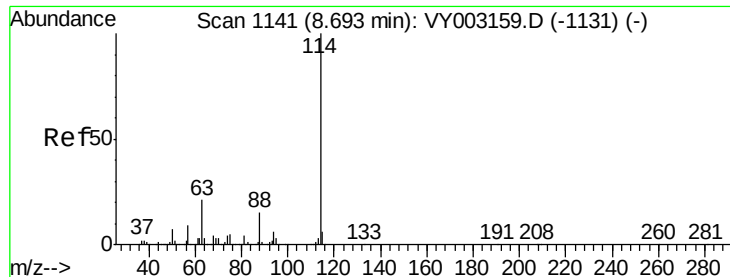
Lab File: VY003305.D

Acq: 22 Jul 2020 21:57

Tgt Ion: 65 Resp: 193399

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2

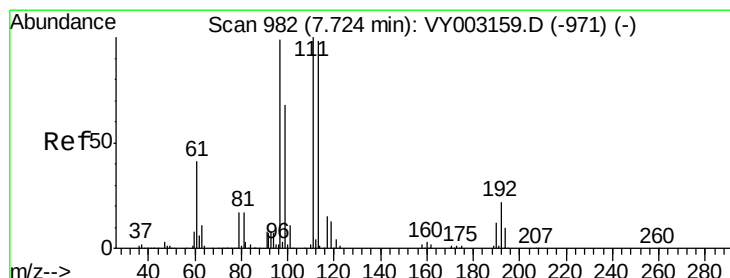
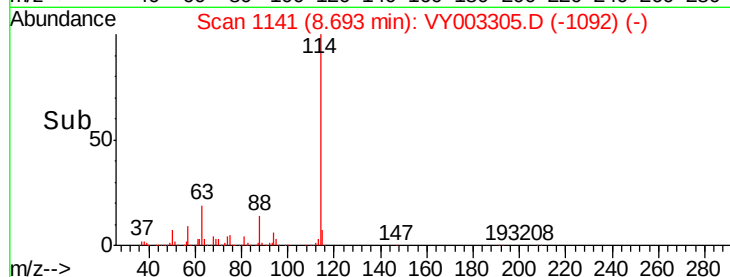
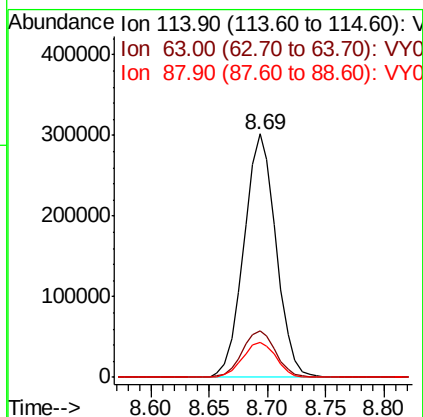
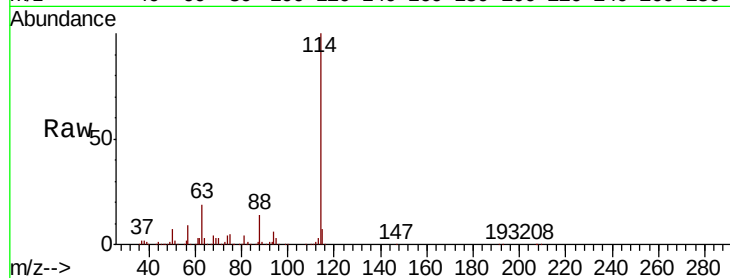




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003305.D
 Acq: 22 Jul 2020 21:57

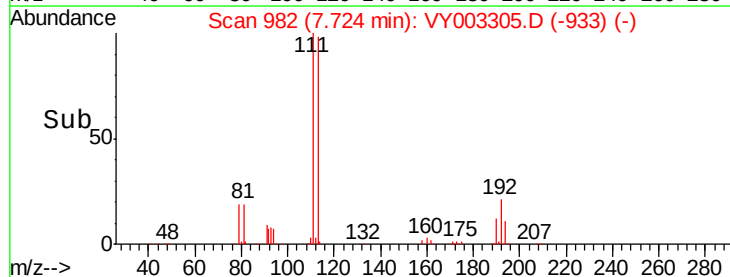
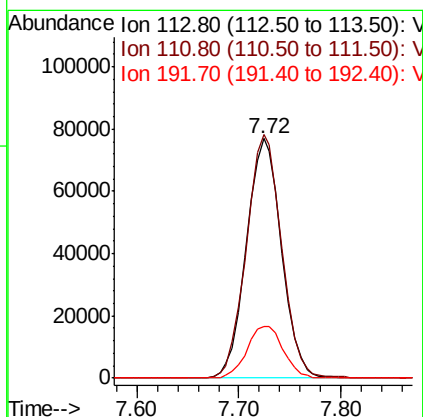
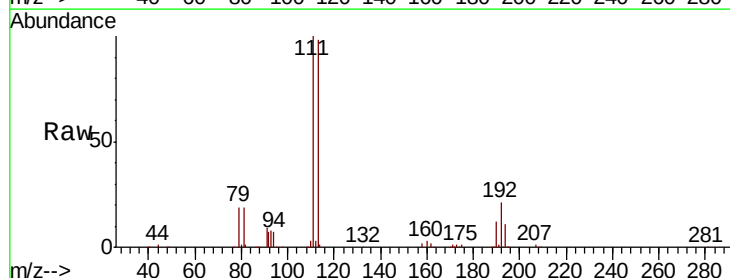
Instrument :
 MSVOA_Y
 ClientSampleId :
 20

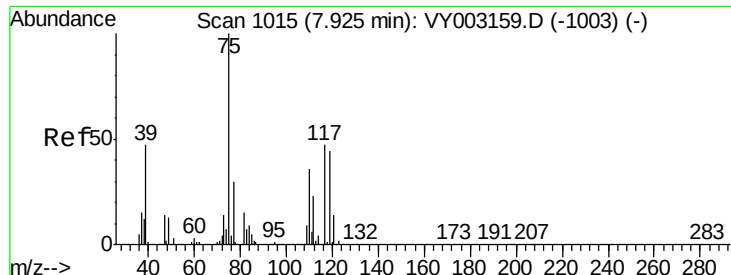
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.2
88	14.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 55.138 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003305.D
 Acq: 22 Jul 2020 21:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	22.2	18.8	28.2

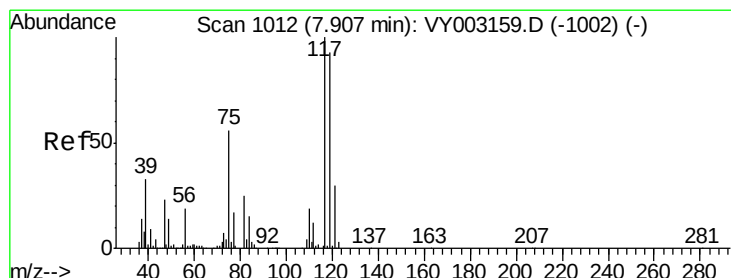
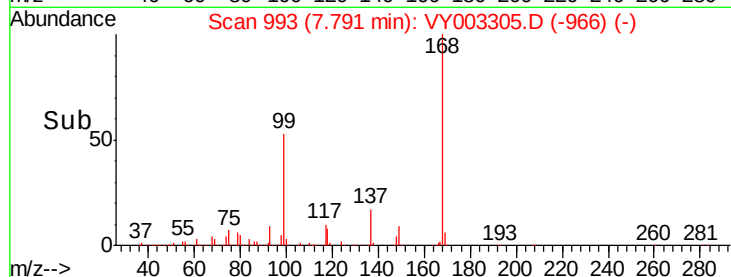
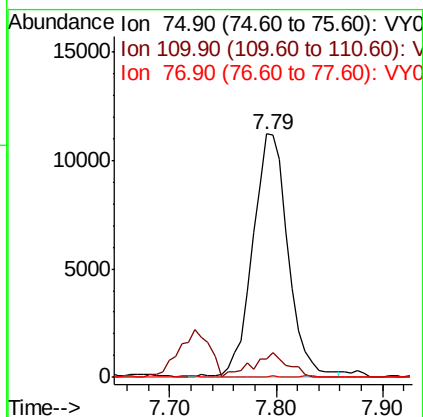
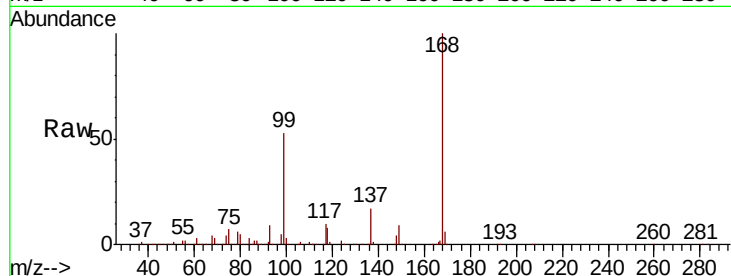




#36
 1,1-Dichloropropene
 Concen: 4.965 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003305.D
 Acq: 22 Jul 2020 21:57

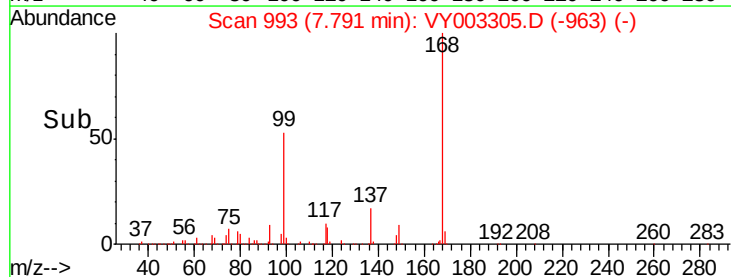
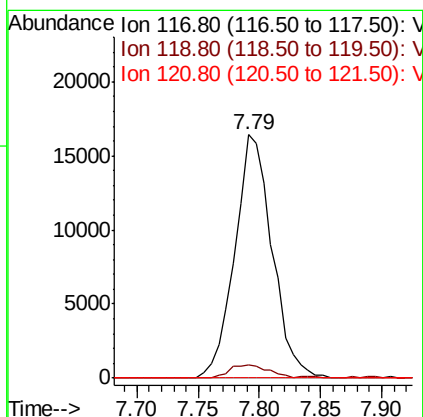
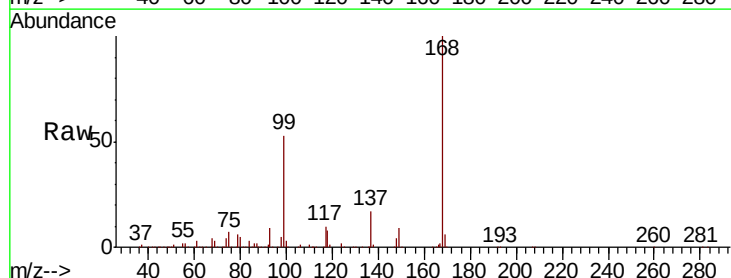
Instrument :
 MSVOA_Y
 ClientSampleId :
 20

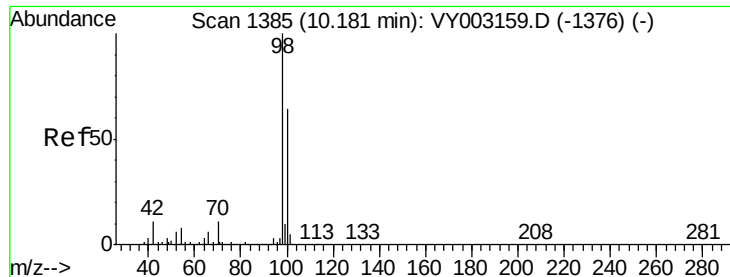
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.1#
77	0.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.391 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003305.D
 Acq: 22 Jul 2020 21:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 57.384 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003305.D

Acq: 22 Jul 2020 21:57

Instrument :

MSVOA_Y

ClientSampleId :

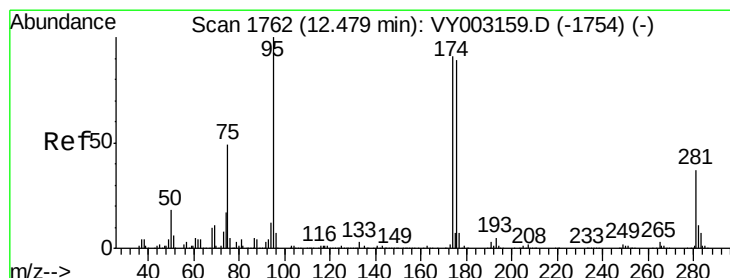
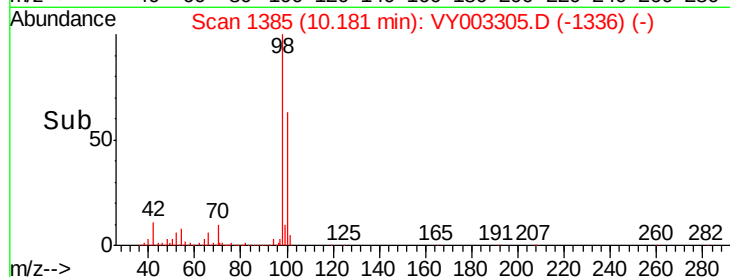
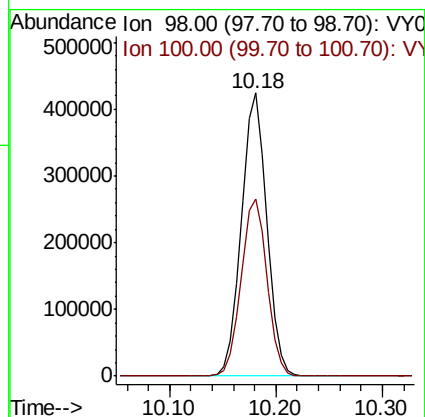
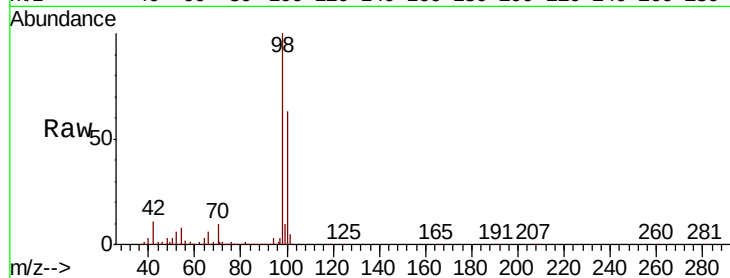
20

Tot Ion: 98 Resp: 713386

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 50.942 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003305.D

Acq: 22 Jul 2020 21:57

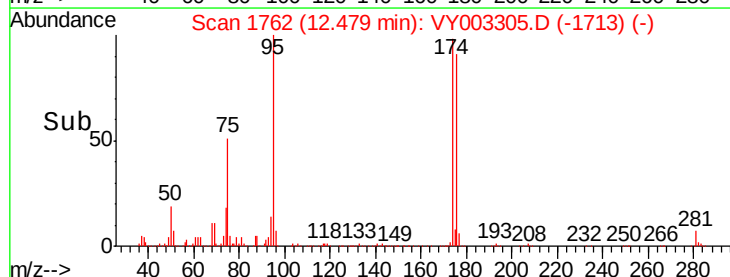
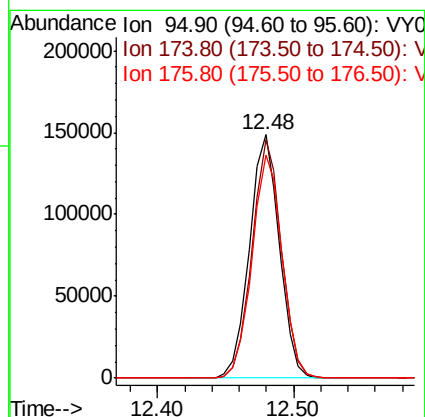
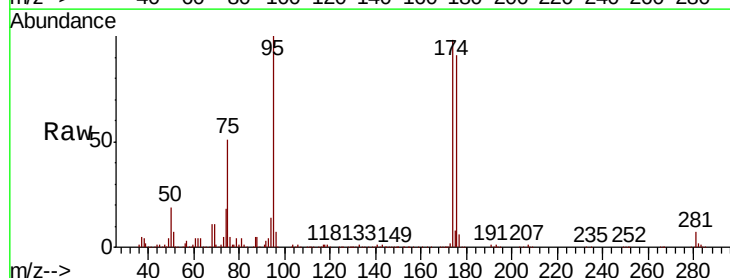
Tgt Ion: 95 Resp: 228787

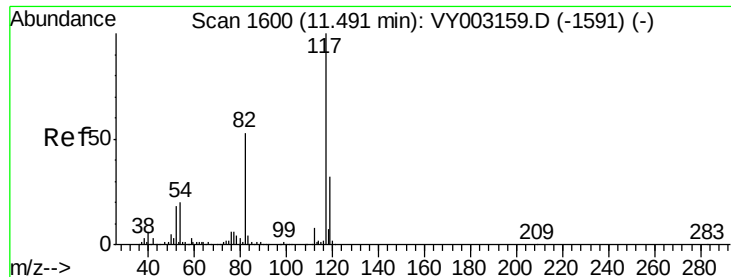
Ion Ratio Lower Upper

95 100

174 96.4 0.0 190.6

176 92.1 0.0 186.4

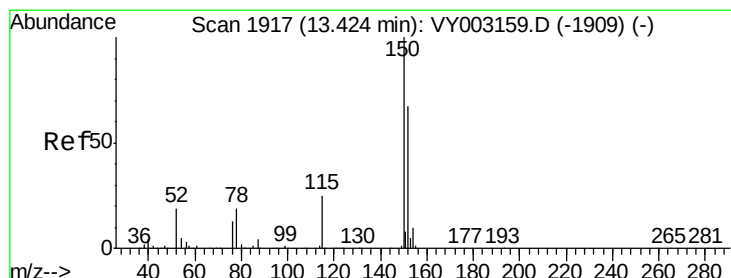
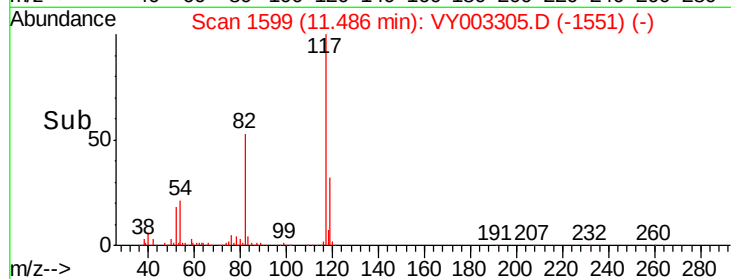
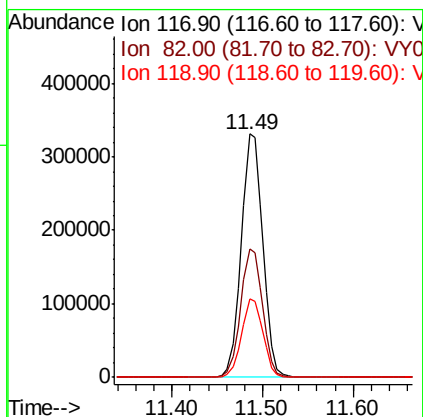
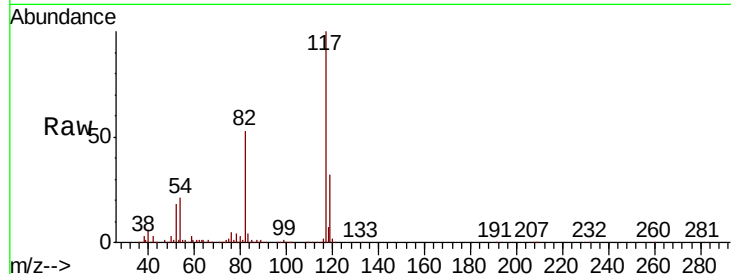




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003305.D
Acq: 22 Jul 2020 21:57

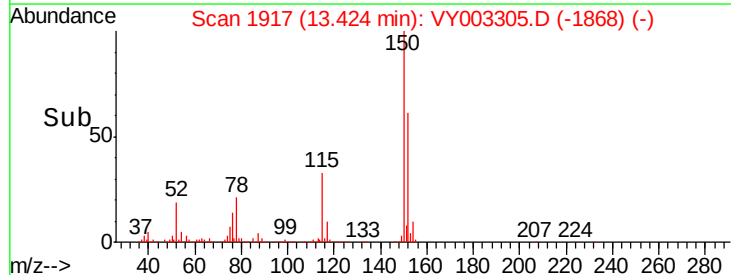
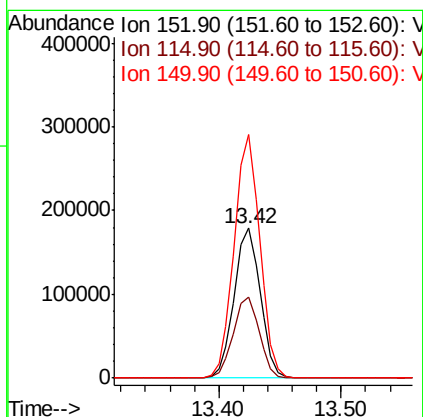
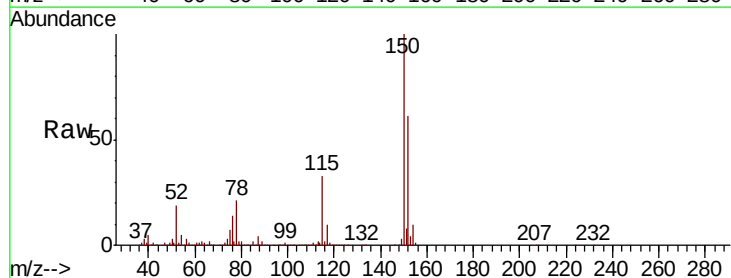
Instrument :
MSVOA_Y
ClientSampleId :
20

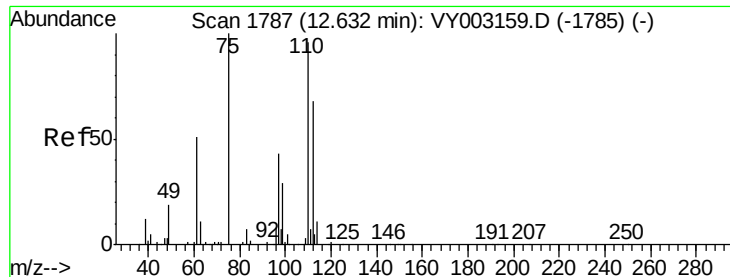
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.0	63.0
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003305.D
Acq: 22 Jul 2020 21:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.7
150	160.4	0.0	338.0

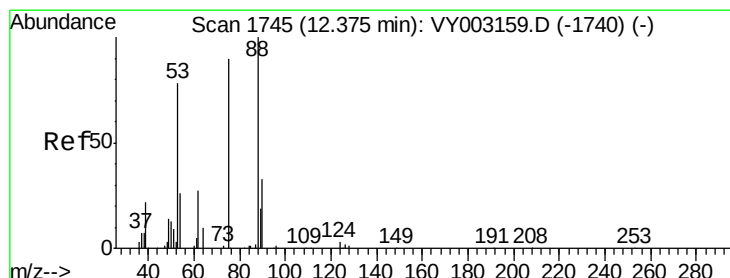
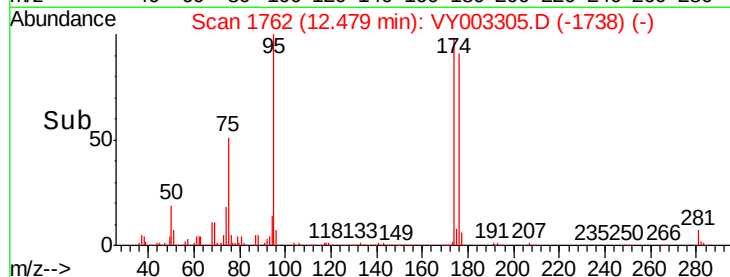
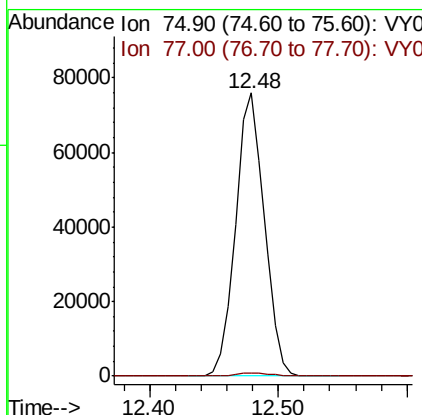
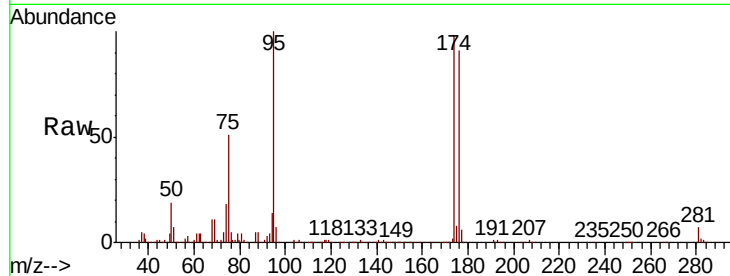




#76
 1,2,3-Trichloropropane
 Concen: 50.440 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003305.D
 Acq: 22 Jul 2020 21:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 20

Tot Ion: 75 Resp: 117427
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.165 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003305.D
 Acq: 22 Jul 2020 21:57

Tgt Ion: 75 Resp: 117427
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.0 108.0#
 89 0.1 37.3 55.9#

