

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY060320\
 Data File : VY002830.D
 Acq On : 03 Jun 2020 14:04
 Operator : SY/MD
 Sample : L2837-01RE
 Misc : 5.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP

Quant Time: Jun 03 16:56:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	435445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	190666	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	133550	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
35) Dibromofluoromethane	7.72	113	136014	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
50) Toluene-d8	10.18	98	506702	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.48	95	174580	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	

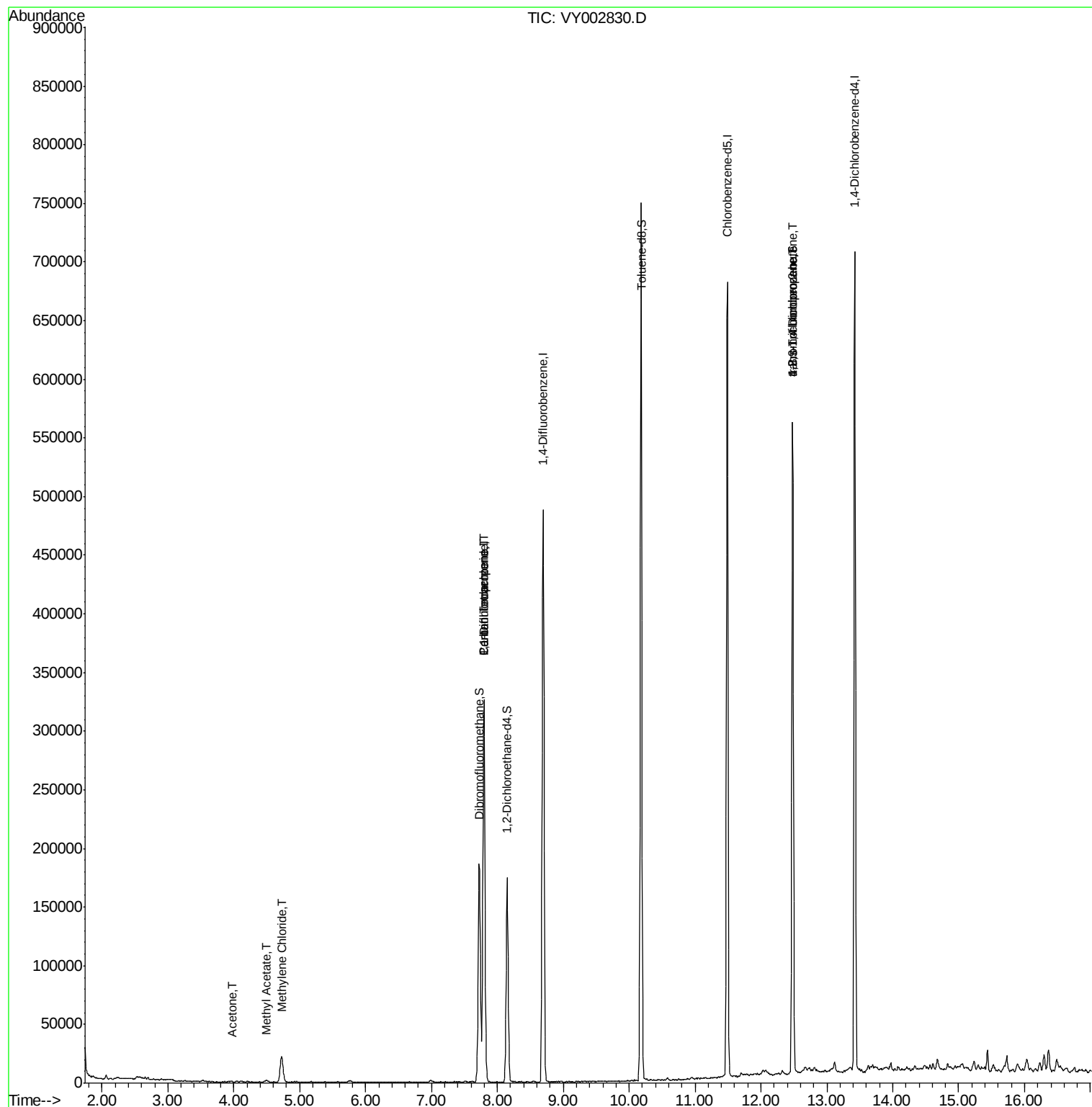
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	204	Below Cal	#	74
16) Acetone	3.96	43	927	1.67	ug/l #	52
18) Methyl Acetate	4.49	43	3044	1.24	ug/l	97
20) Methylene Chloride	4.73	84	18271	6.74	ug/l	99
36) 1,1-Dichloropropene	7.80	75	16876	4.60	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24565	6.03	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	81675	47.54	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	81675	89.57	ug/l #	17

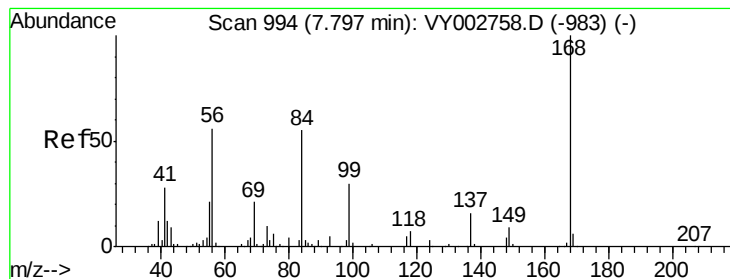
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY060320\
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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002830.D

Acq: 03 Jun 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

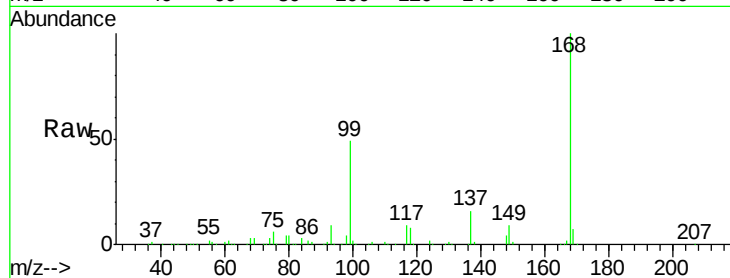
SP

Tgt Ion:168 Resp: 272354

Ion Ratio Lower Upper

168 100

99 48.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002830.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002830.D (-945) (-)

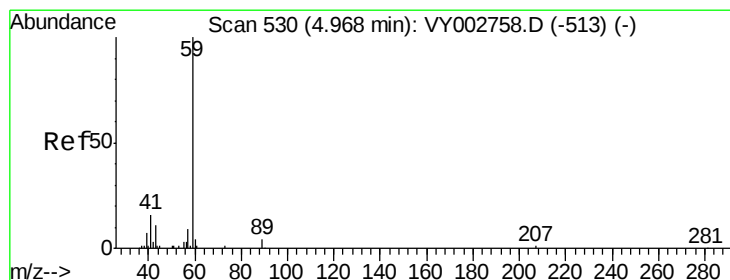
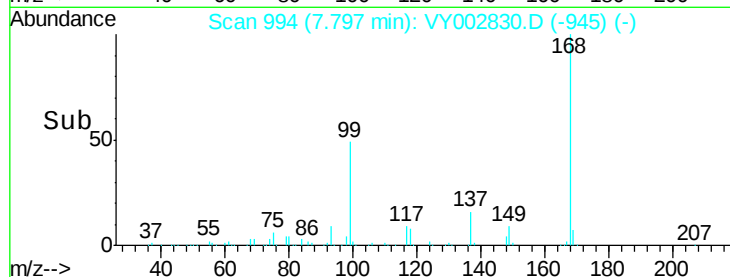
7.80

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY002830.D

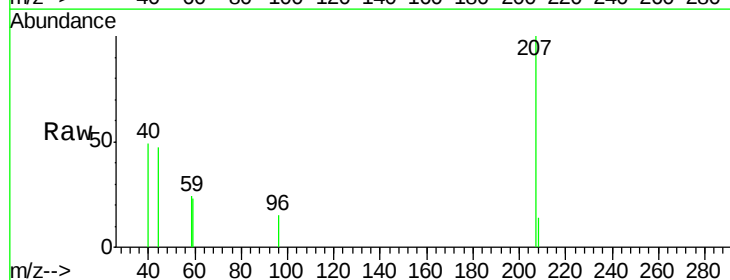
Acq: 03 Jun 2020 14:04

Tgt Ion: 59 Resp: 204

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002830.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY002830.D (-481) (-)

200

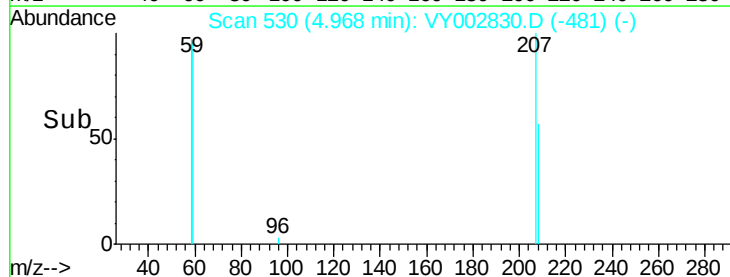
150

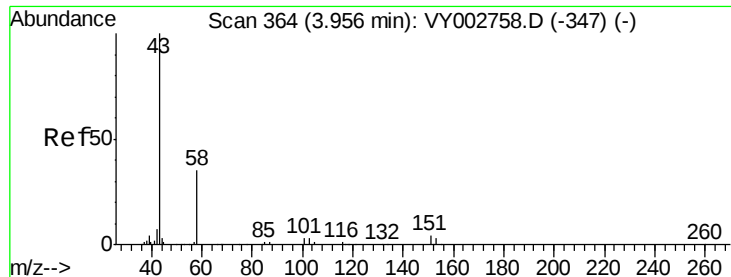
100

50

0

Time-->





#16

Acetone

Concen: 1.67 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002830.D

Acq: 03 Jun 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

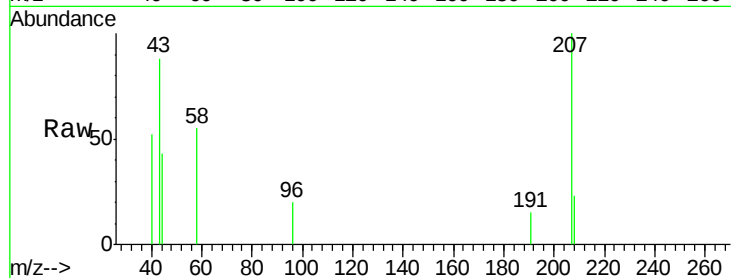
SP

Tgt Ion: 43 Resp: 927

Ion Ratio Lower Upper

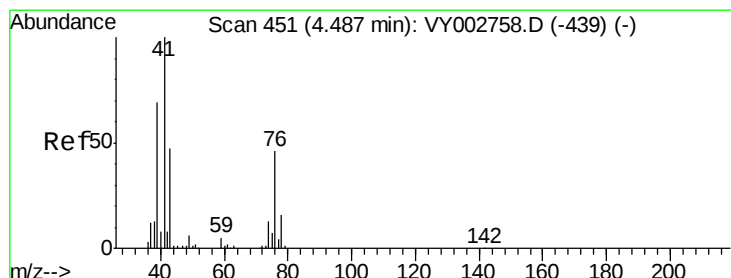
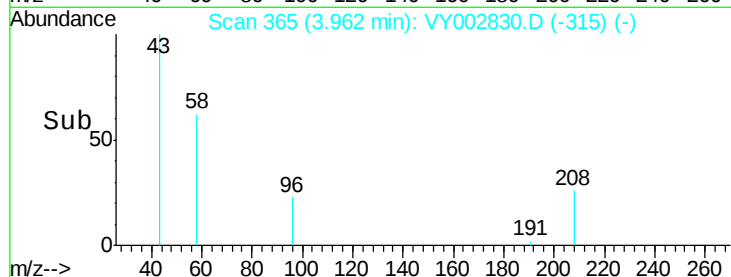
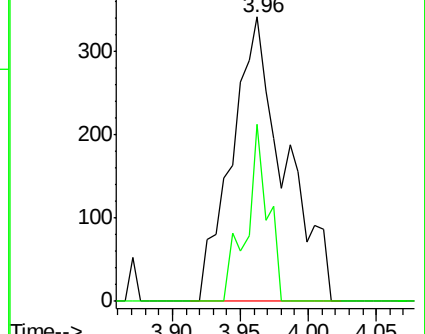
43 100

58 62.3 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 1.24 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002830.D

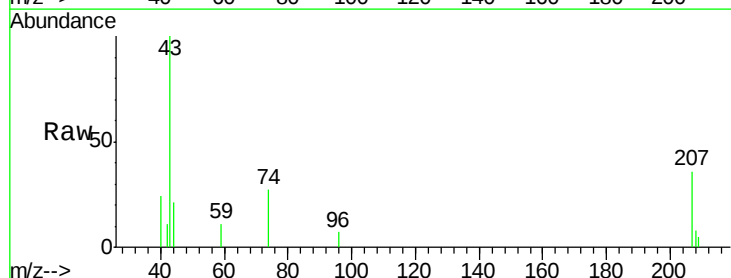
Acq: 03 Jun 2020 14:04

Tgt Ion: 43 Resp: 3044

Ion Ratio Lower Upper

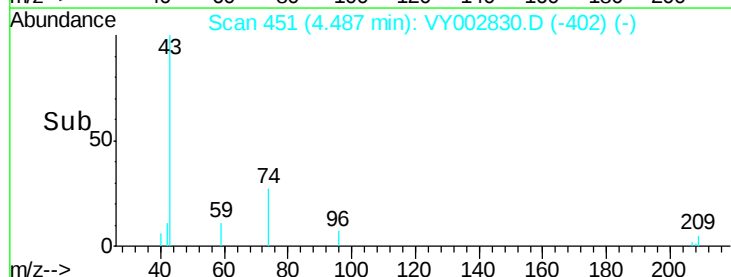
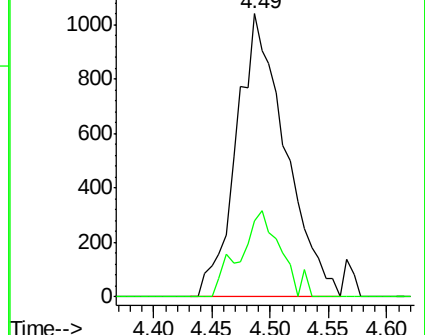
43 100

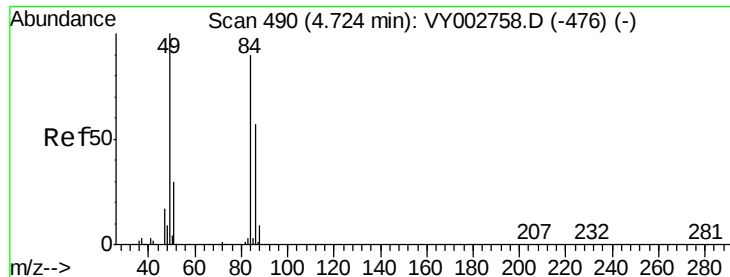
74 25.3 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

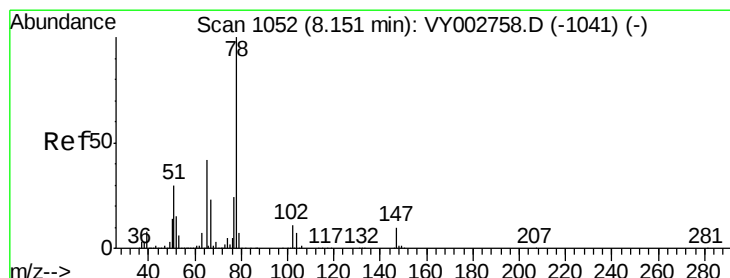
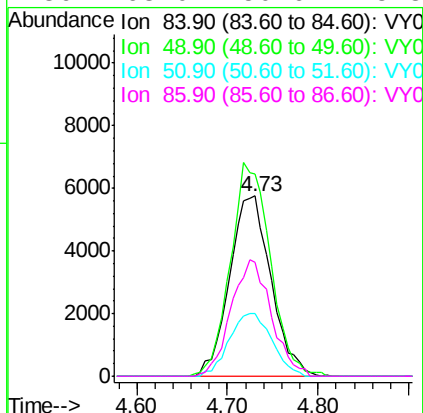
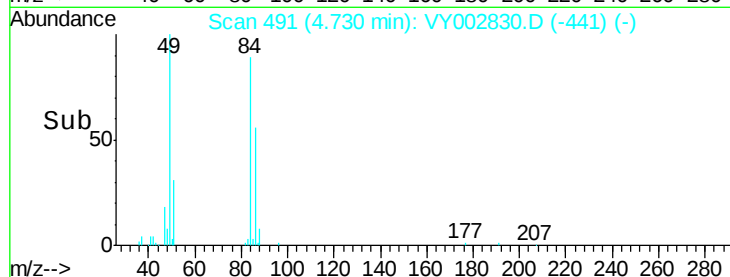
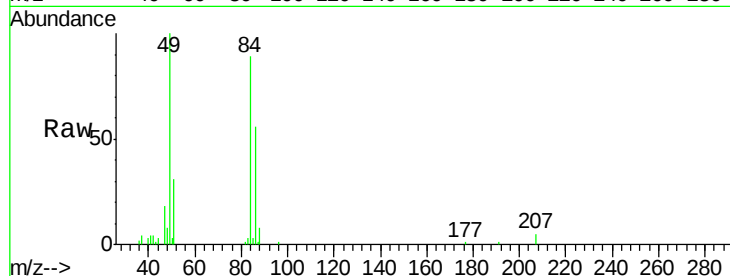




#20
Methylene Chloride
Concen: 6.74 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002830.D
Acq: 03 Jun 2020 14:04

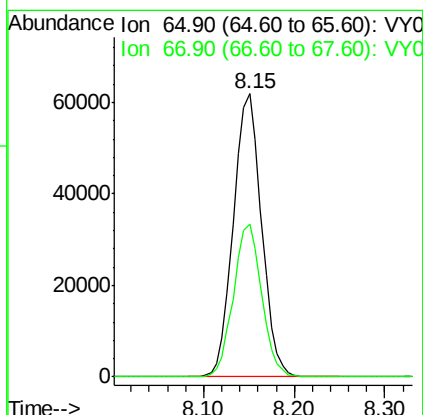
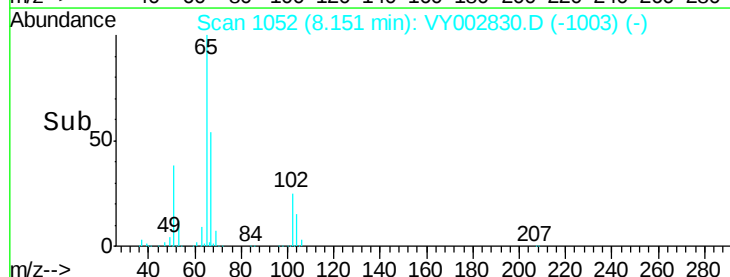
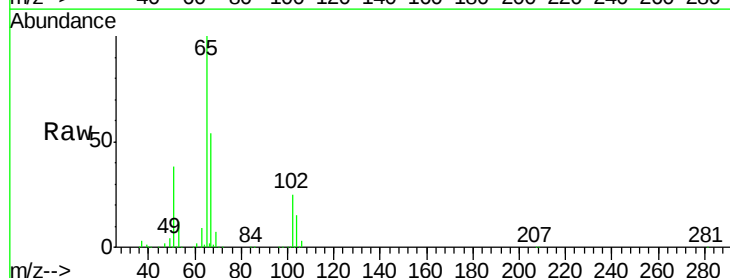
Instrument :
MSVOA_Y
ClientSampled :
SP

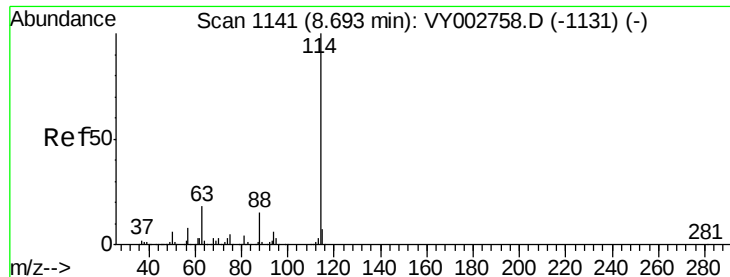
Tgt Ion:	84	Resp:	18271
Ion	Ratio	Lower	Upper
84	100		
49	112.2	88.5	132.7
51	34.8	26.8	40.2
86	63.0	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 56.47 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002830.D
Acq: 03 Jun 2020 14:04

Tgt Ion:	65	Resp:	133550
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	111.0

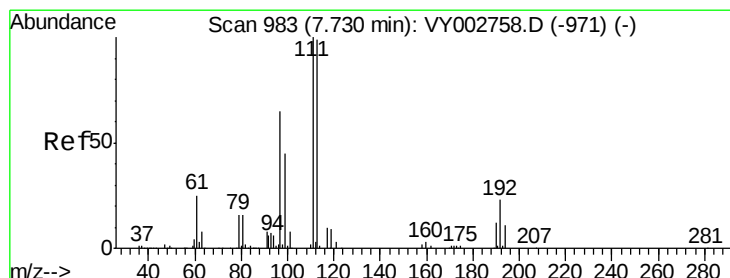
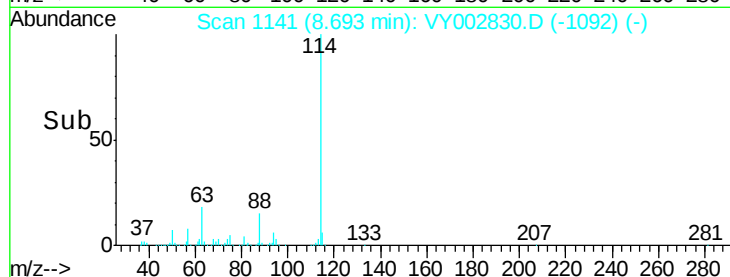
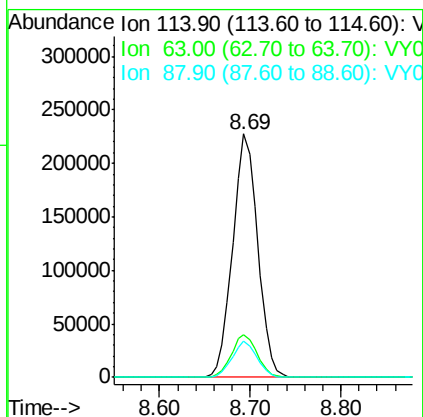
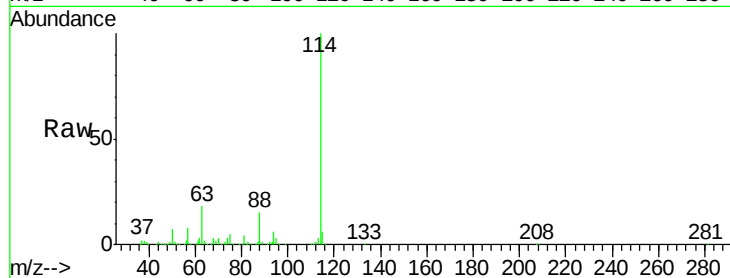




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002830.D
 Acq: 03 Jun 2020 14:04

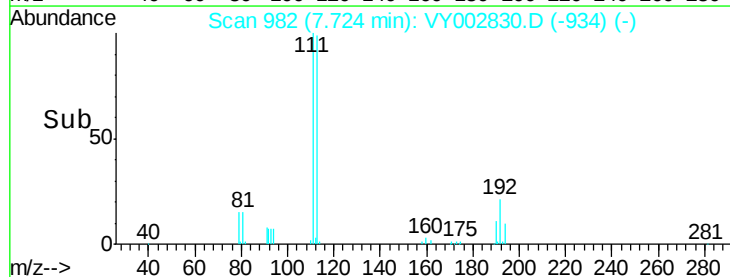
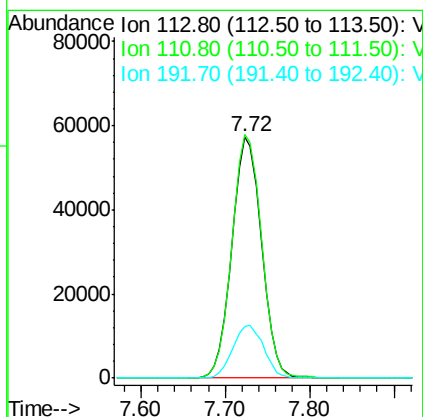
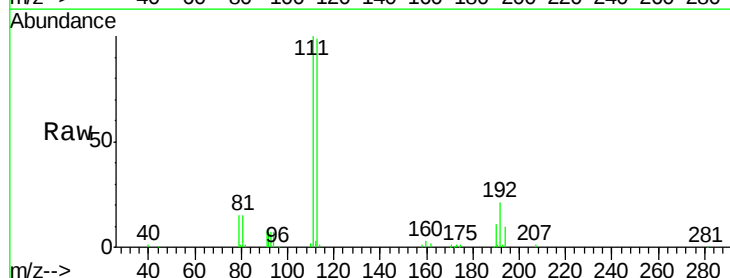
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP

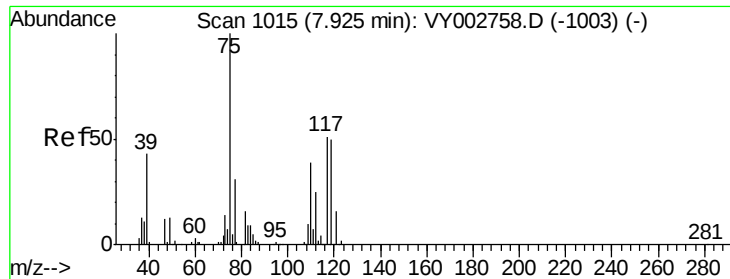
Tgt Ion:114 Resp: 435445
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.8 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 53.30 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002830.D
 Acq: 03 Jun 2020 14:04

Tgt Ion:113 Resp: 136014
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.0 123.0
 192 22.7 18.9 28.3

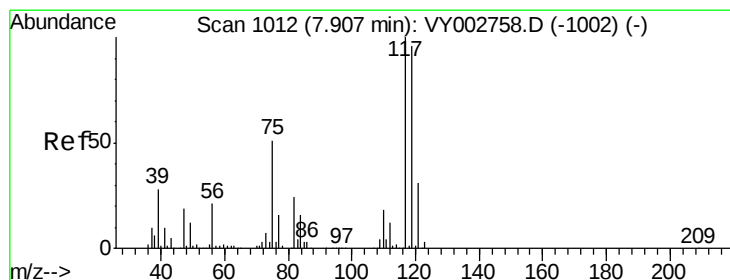
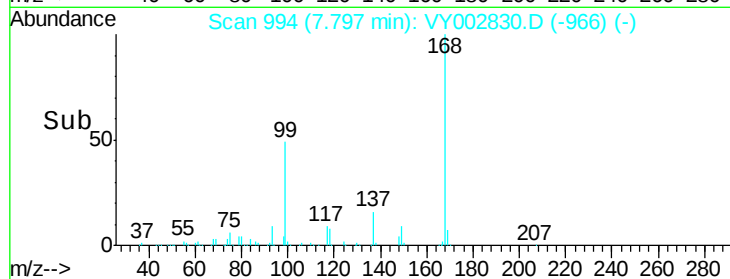
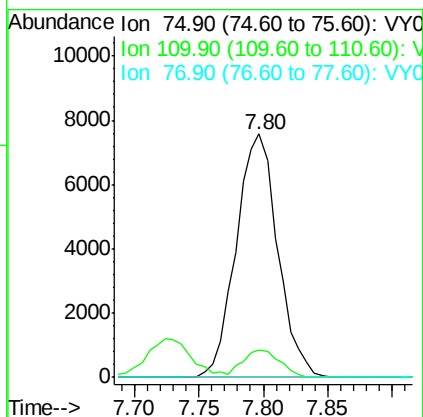
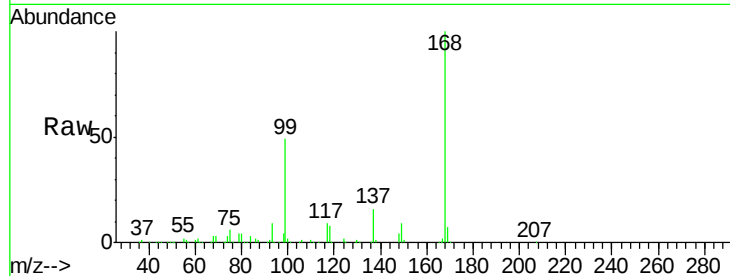




#36
 1,1-Dichloropropene
 Concen: 4.60 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002830.D
 Acq: 03 Jun 2020 14:04

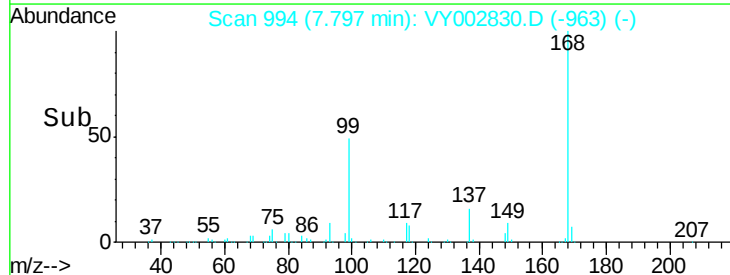
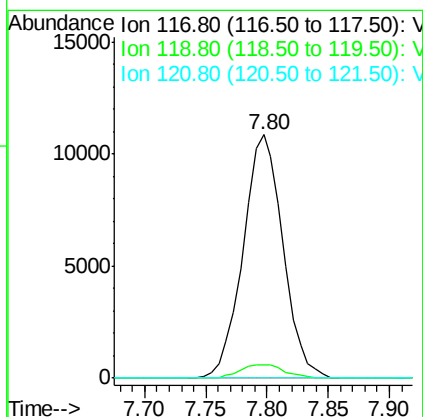
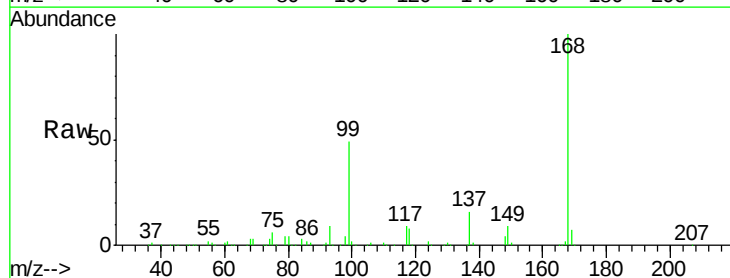
Instrument :
 MSVOA_Y
 ClientSampled :
 SP

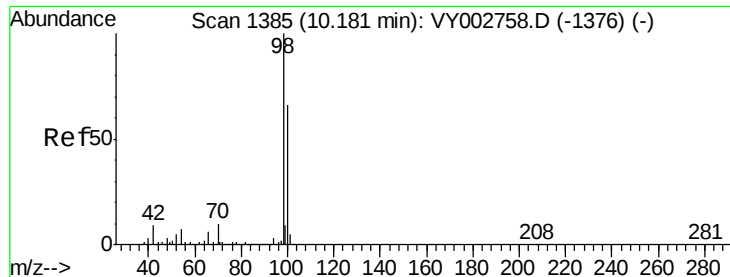
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.03 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002830.D
 Acq: 03 Jun 2020 14:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.11 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002830.D

Acq: 03 Jun 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

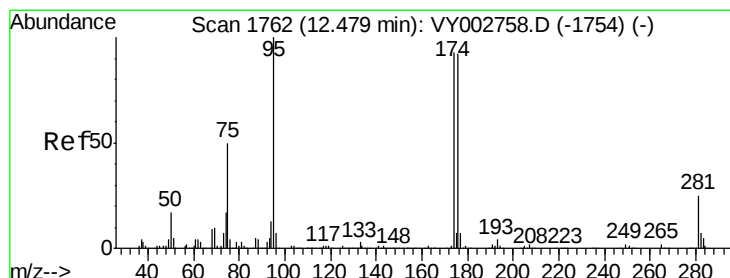
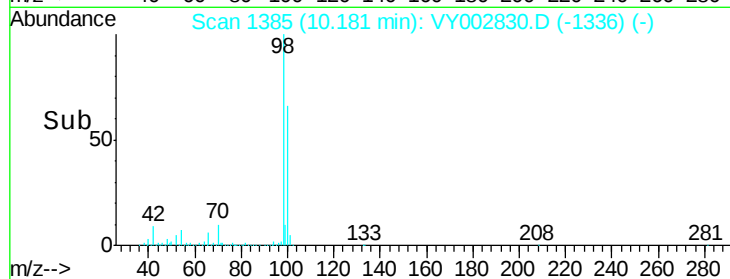
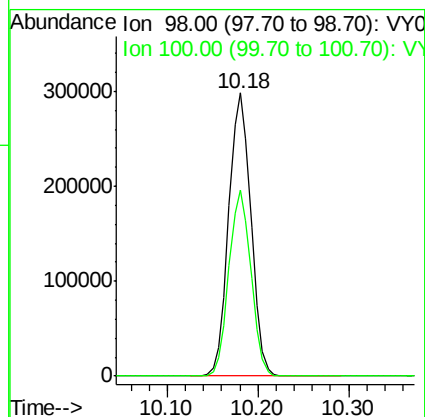
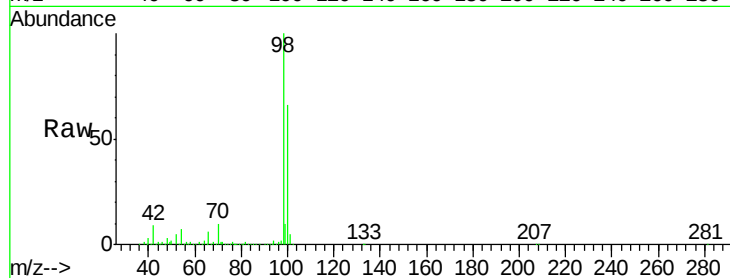
SP

Tgt Ion: 98 Resp: 506702

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.51 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002830.D

Acq: 03 Jun 2020 14:04

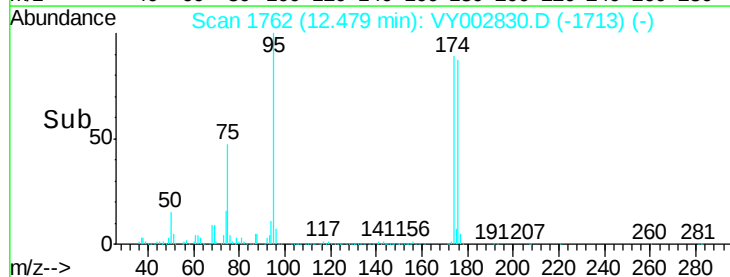
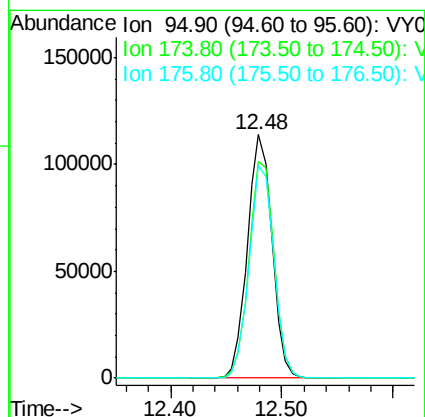
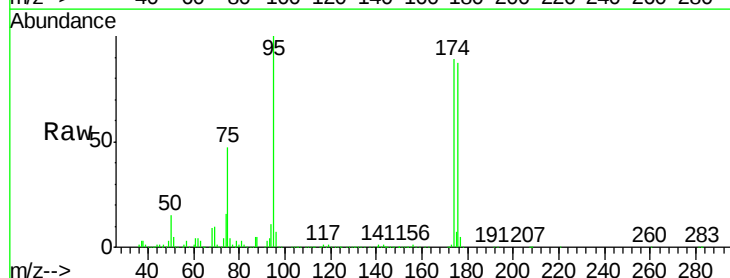
Tgt Ion: 95 Resp: 174580

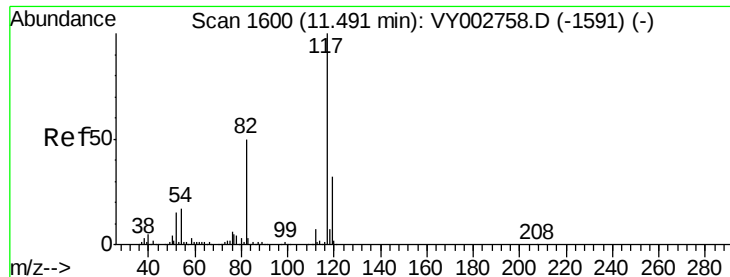
Ion Ratio Lower Upper

95 100

174 91.4 0.0 191.2

176 88.5 0.0 188.8

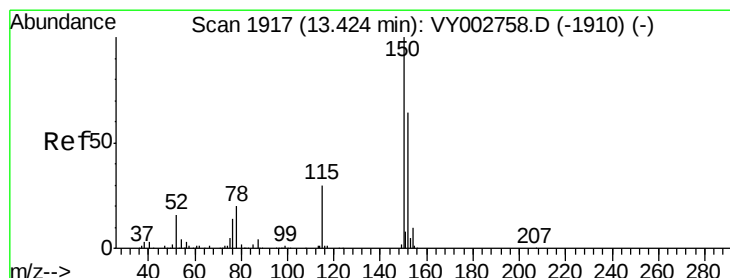
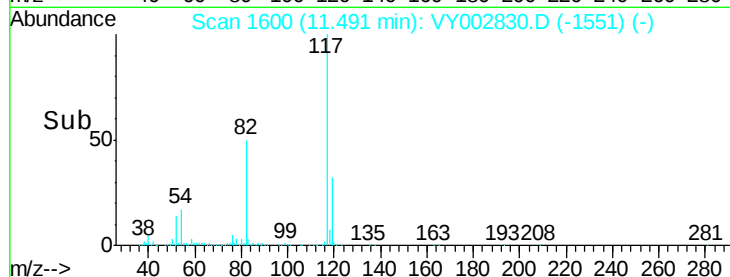
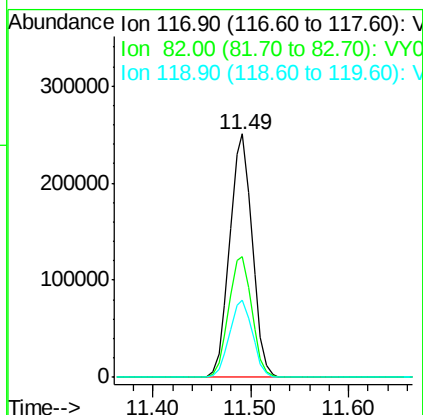
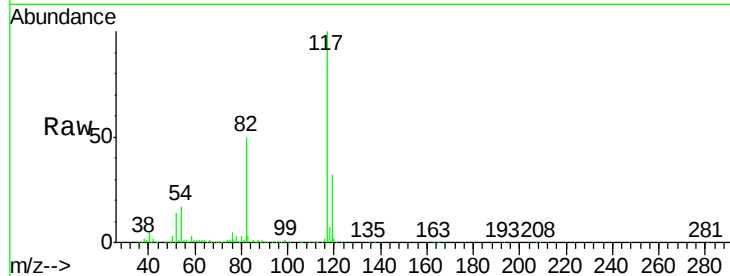




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002830.D
Acq: 03 Jun 2020 14:04

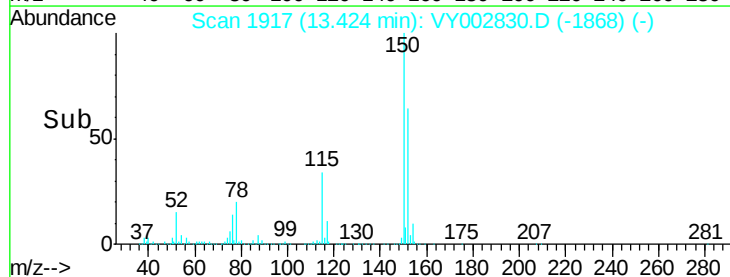
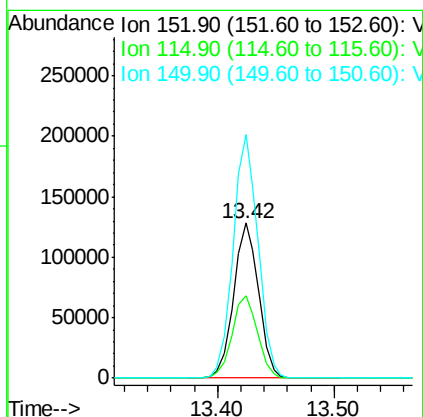
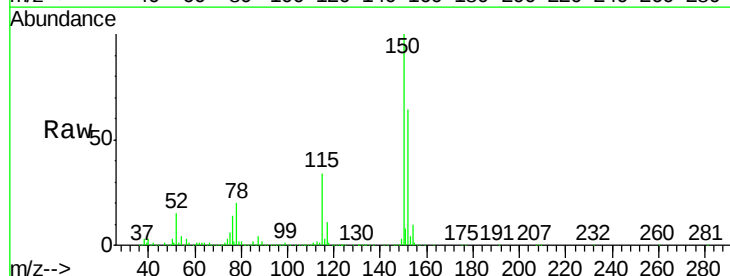
Instrument :
MSVOA_Y
ClientSampleId :
SP

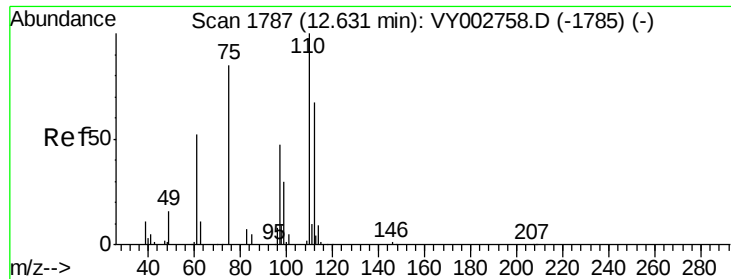
Tgt Ion:117 Resp: 400221
Ion Ratio Lower Upper
117 100
82 49.8 40.2 60.4
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002830.D
Acq: 03 Jun 2020 14:04

Tgt Ion:152 Resp: 190666
Ion Ratio Lower Upper
152 100
115 54.4 27.0 81.0
150 156.4 0.0 344.8





#76

1,2,3-Trichloropropane

Concen: 47.54 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002830.D

Acq: 03 Jun 2020 14:04

Instrument :

MSVOA_Y

ClientSampled :

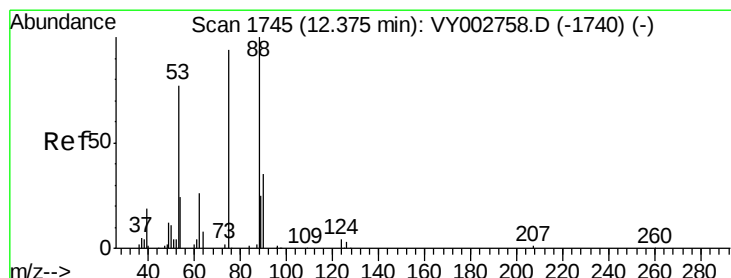
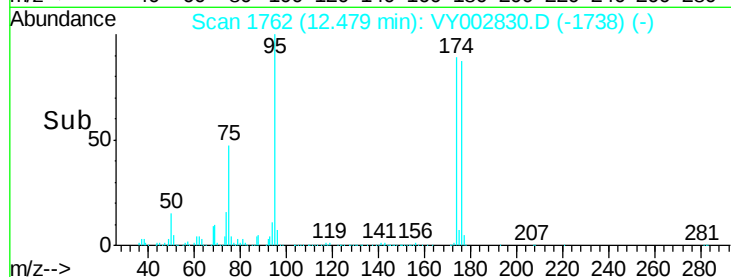
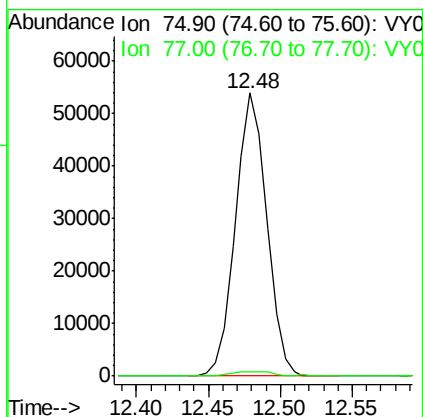
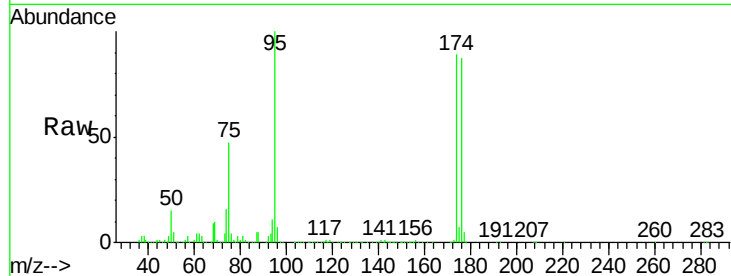
SP

Tgt Ion: 75 Resp: 81675

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.57 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002830.D

Acq: 03 Jun 2020 14:04

Tgt Ion: 75 Resp: 81675

Ion Ratio Lower Upper

75 100

53 0.2 64.0 96.0#

89 0.0 37.4 56.2#

