

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002928.D
 Acq On : 18 Jun 2020 18:47
 Operator : SY/MD
 Sample : L3034-07
 Misc : 6.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 05:07:53 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	237997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	389197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183927	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	117430	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	
35) Dibromofluoromethane	7.73	113	118758	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.18	98	468472	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.48	95	161367	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

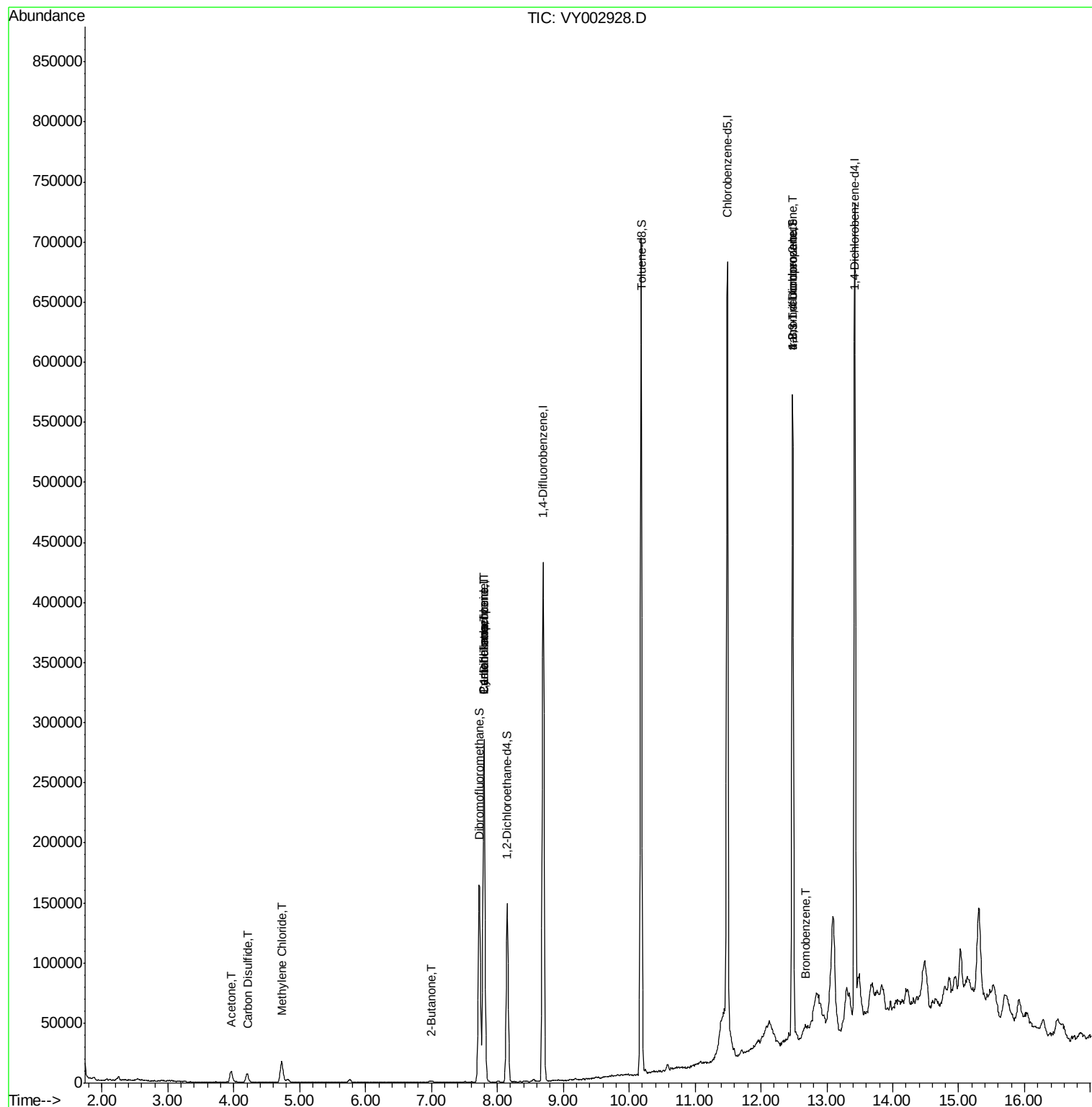
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.95	43	16763	34.594	ug/l	90
17) Carbon Disulfide	4.21	76	15686	2.564	ug/l	97
18) Methyl Acetate	4.48	43	259	Below Cal	#	48
20) Methylene Chloride	4.72	84	14273	6.027	ug/l	97
25) 2-Butanone	7.00	43	868	1.150	ug/l	96
31) Cyclohexane	7.80	56	3798	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14744	4.497	ug/l #	49
38) Carbon Tetrachloride	7.80	117	20923	5.745	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	76959	46.436	ug/l #	100
77) Bromobenzene	12.68	156	6869	2.238	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	76959	87.486	ug/l #	17

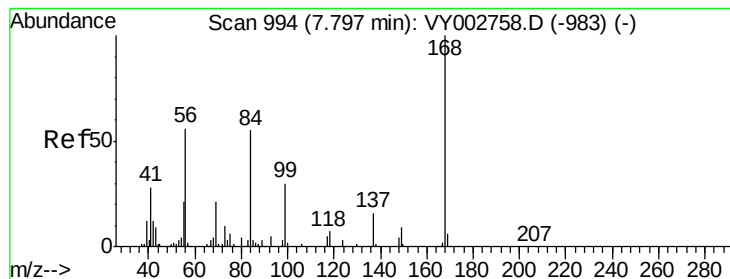
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 19 05:07:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 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: VY002928.D

Acq: 18 Jun 2020 18:47

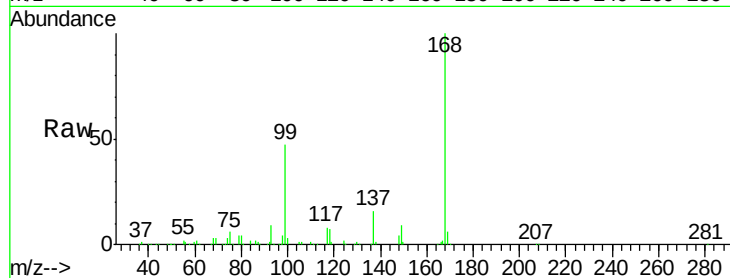
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 237997

Ion Ratio Lower Upper

168 100

99 47.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002928.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002928.D (-945) (-)

7.80

120000

100000

80000

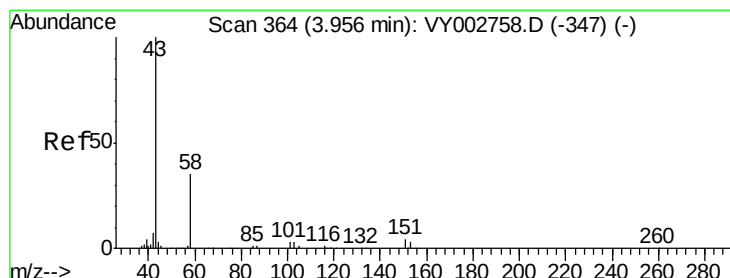
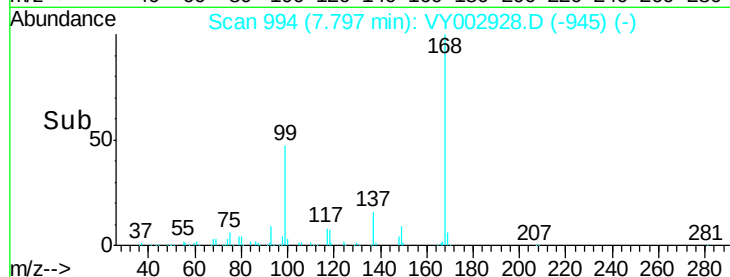
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 34.594 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002928.D

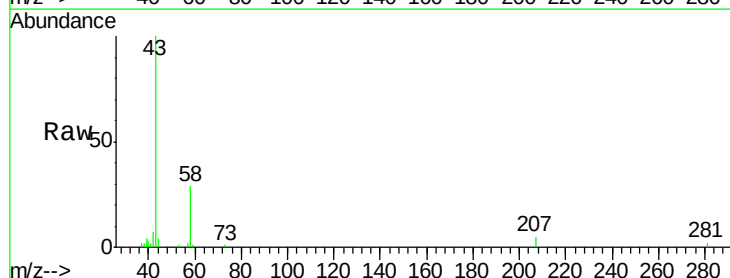
Acq: 18 Jun 2020 18:47

Tgt Ion: 43 Resp: 16763

Ion Ratio Lower Upper

43 100

58 29.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002928.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002928.D (-315) (-)

3.95

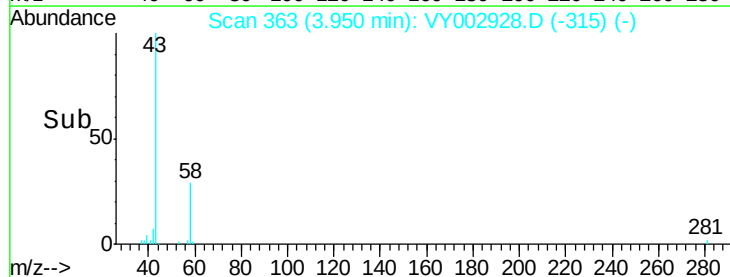
6000

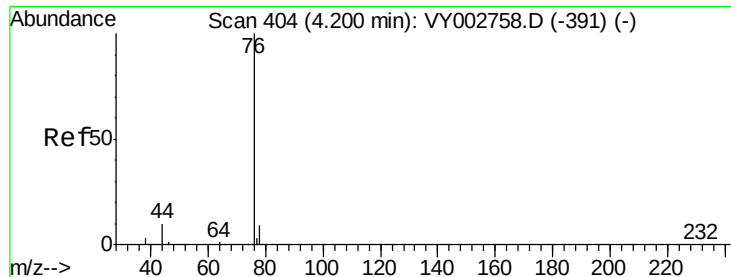
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 2.564 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY002928.D

Acq: 18 Jun 2020 18:47

Instrument :

MSVOA_Y

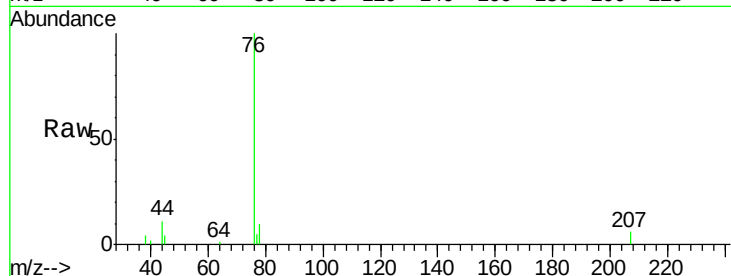
ClientSampleId :

Tot Ion: 76 Resp: 15686

Ion Ratio Lower Upper

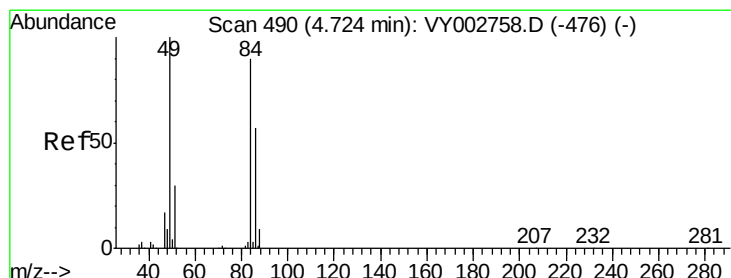
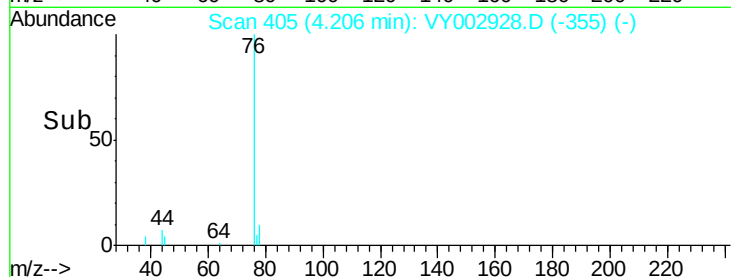
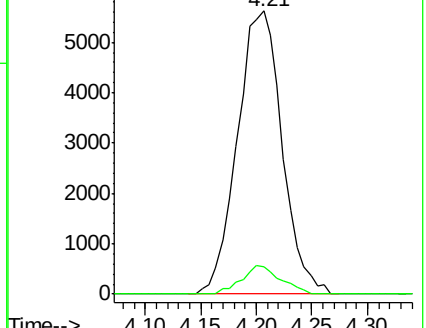
76 100

78 9.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002928.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY002928.D (-355) (-)



#20

Methylene Chloride

Concen: 6.027 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002928.D

Acq: 18 Jun 2020 18:47

Tgt Ion: 84 Resp: 14273

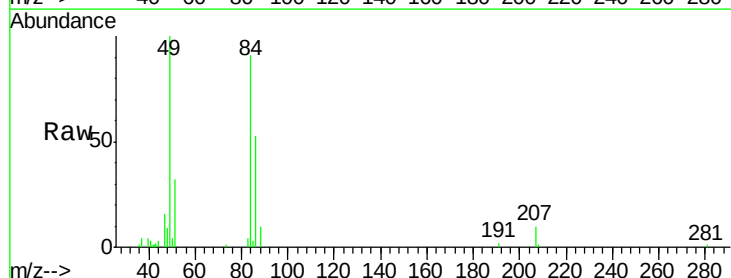
Ion Ratio Lower Upper

84 100

49 109.8 88.5 132.7

51 34.8 26.8 40.2

86 58.2 50.6 75.8

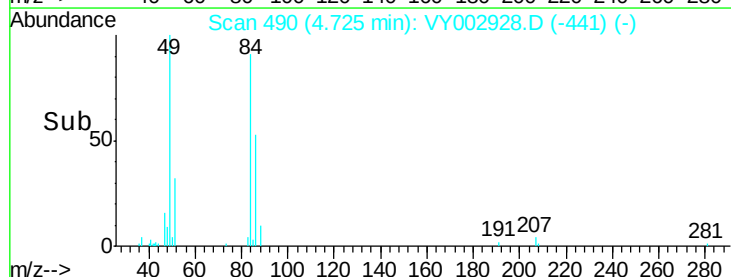
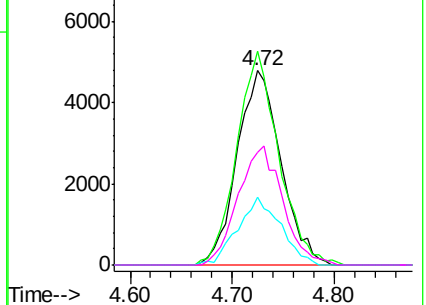


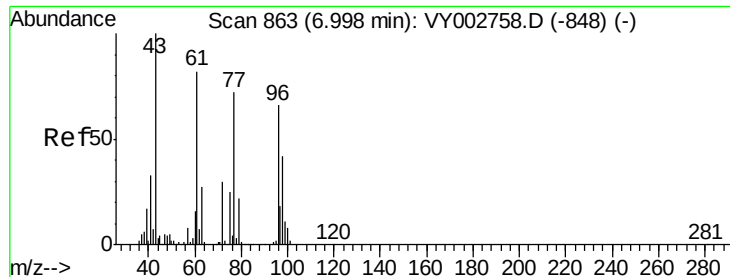
Abundance Ion 83.90 (83.60 to 84.60): VY002928.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002928.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002928.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002928.D (-441) (-)





#25

2-Butanone

Concen: 1.150 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY002928.D

Acq: 18 Jun 2020 18:47

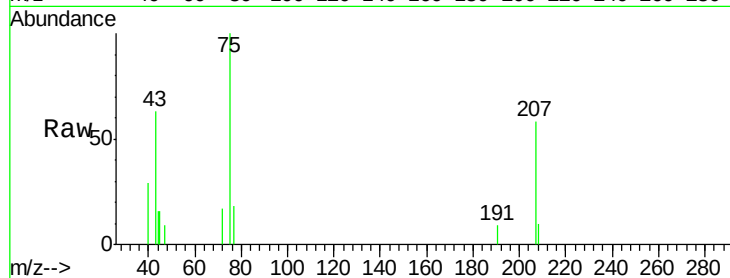
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

72 27.6 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

300

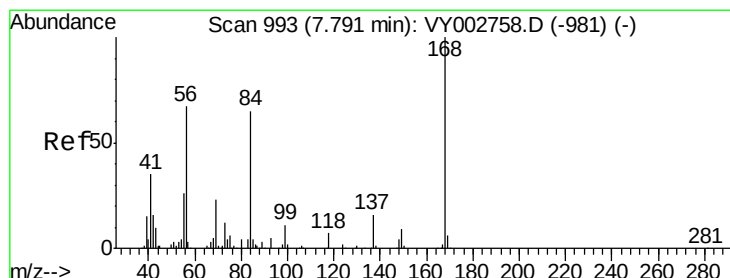
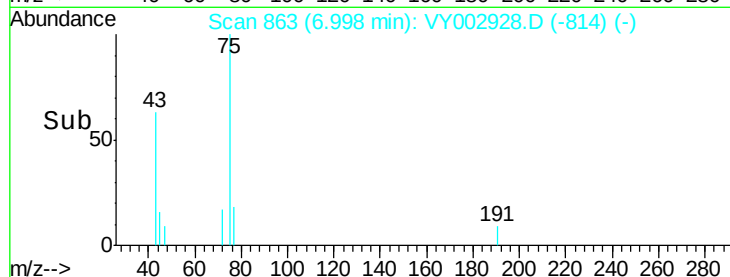
200

100

0

6.95 7.00 7.05 7.10

Time-->



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002928.D

Acq: 18 Jun 2020 18:47

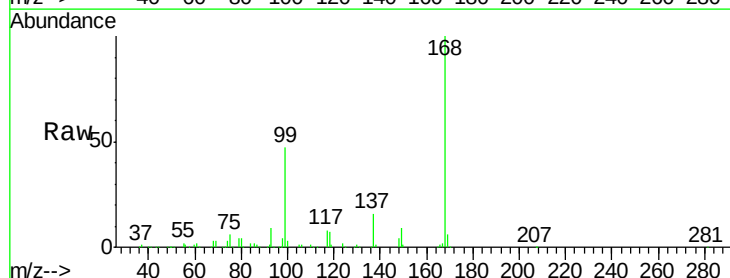
Tgt Ion: 56 Resp: 3798

Ion Ratio Lower Upper

56 100

69 178.6 28.0 42.0#

84 162.6 77.7 116.5#



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

7.80

3000

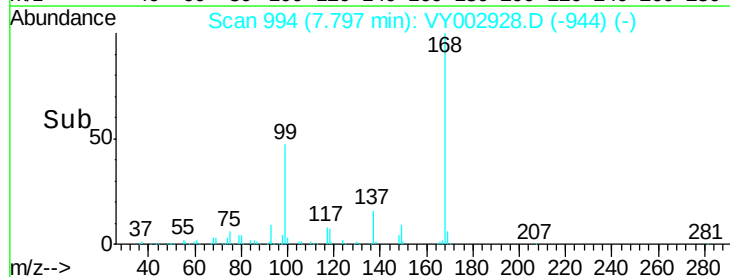
2000

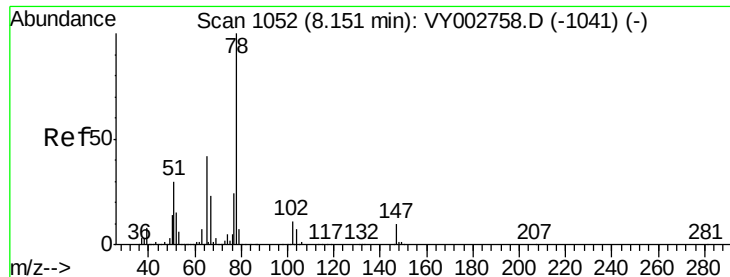
1000

0

7.70 7.75 7.80 7.85

Time-->

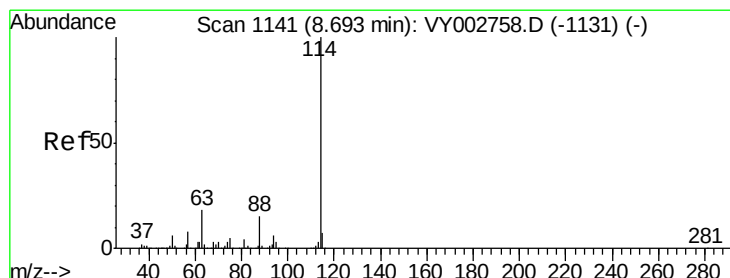
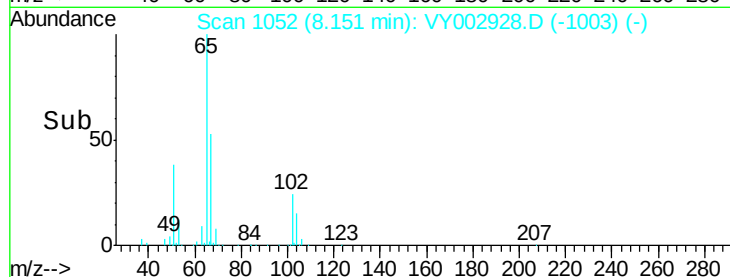
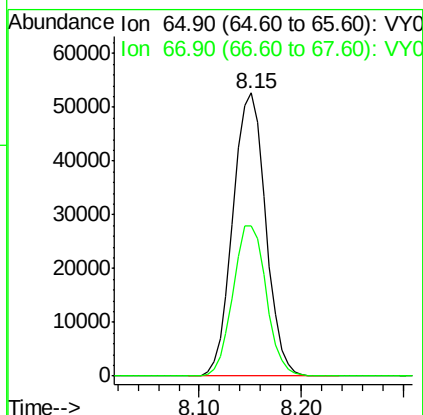
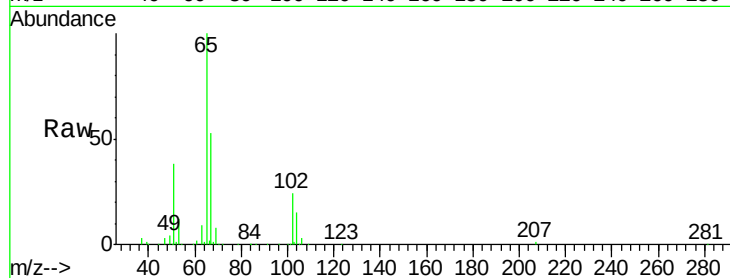




#33
 1,2-Dichloroethane-d4
 Concen: 56.826 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002928.D
 Acq: 18 Jun 2020 18:47

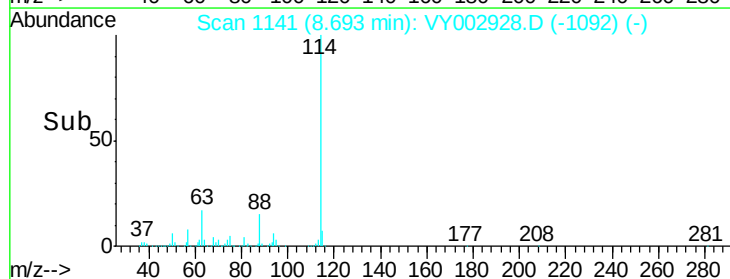
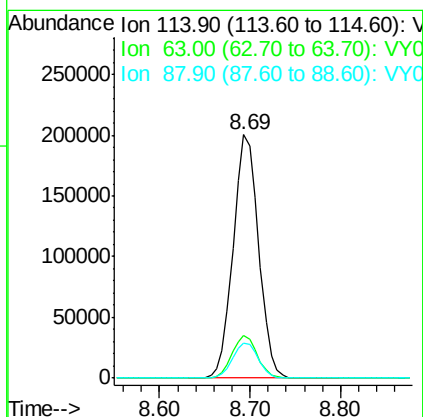
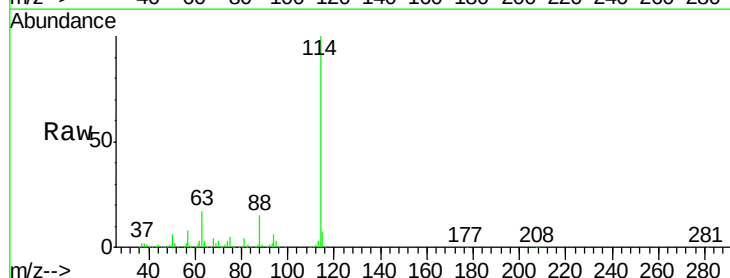
Instrument :
 MSVOA_Y
 ClientSampled :

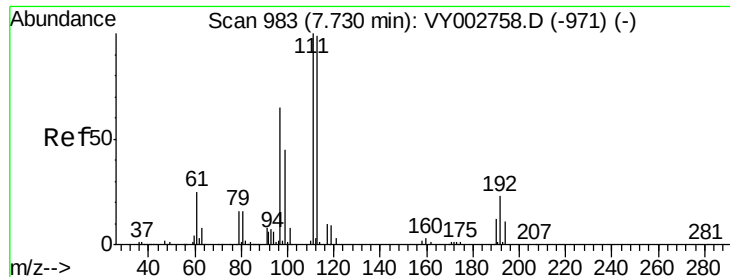
Tot Ion: 65 Resp: 117430
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002928.D
 Acq: 18 Jun 2020 18:47

Tgt Ion: 114 Resp: 389197
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.5 0.0 29.2

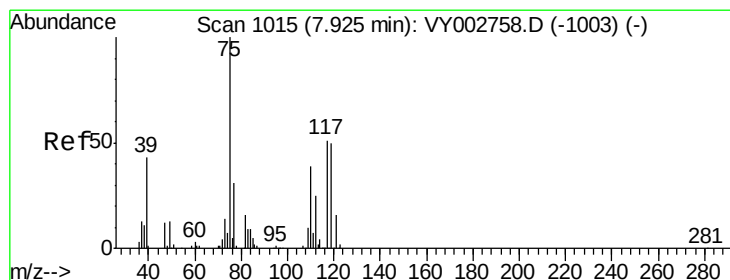
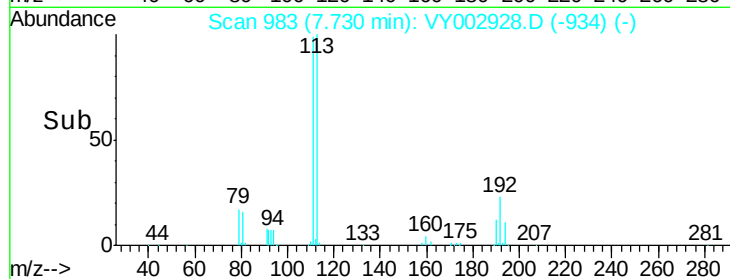
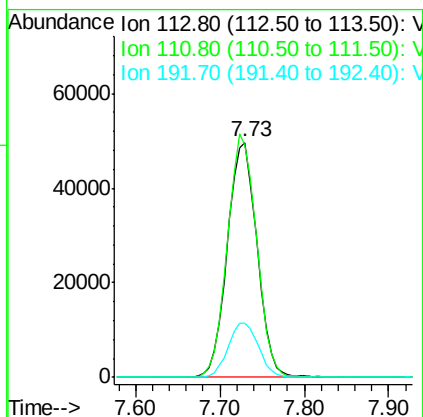
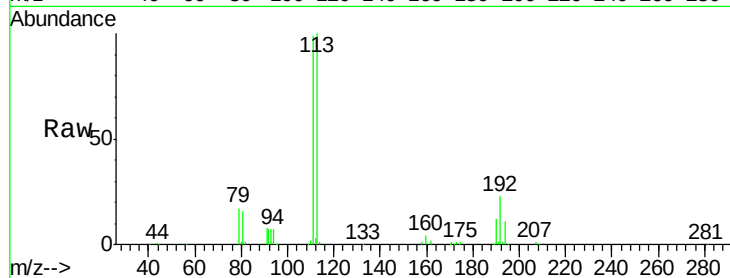




#35
 Dibromofluoromethane
 Concen: 52.067 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY002928.D
 Acq: 18 Jun 2020 18:47

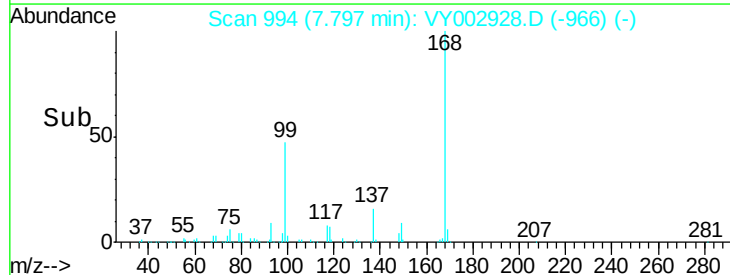
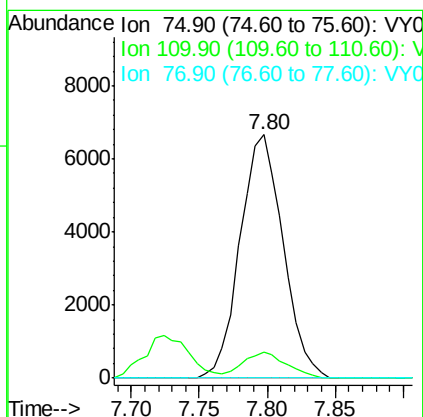
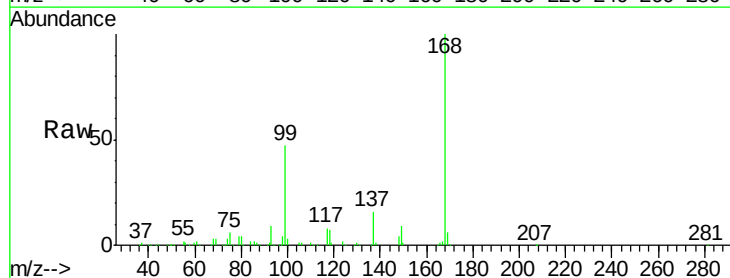
Instrument :
 MSVOA_Y
 ClientSampleId :

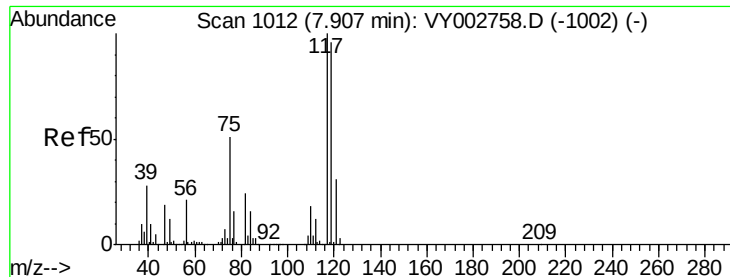
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.497 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002928.D
 Acq: 18 Jun 2020 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	19.3	57.9#
77	0.0	24.8	37.2#

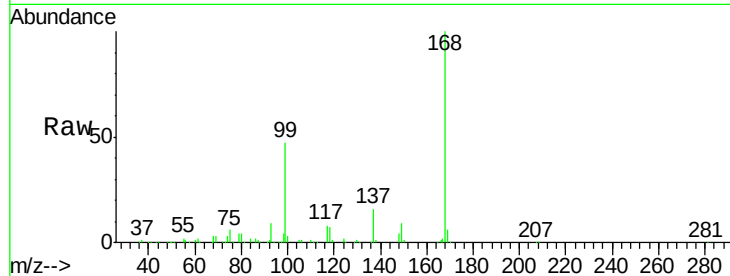




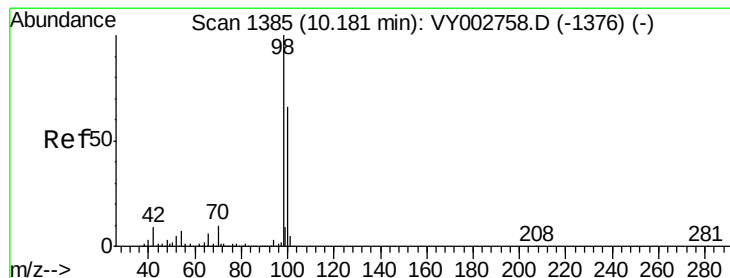
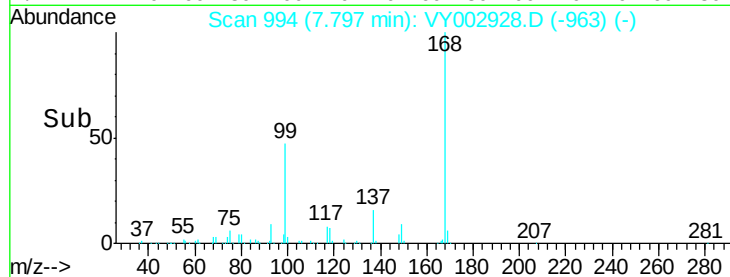
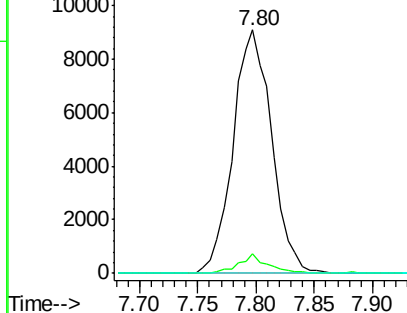
#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002928.D
Acq: 18 Jun 2020 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 20923
Ion Ratio Lower Upper
117 100
119 7.9 76.8 115.2#
121 0.0 24.8 37.2#

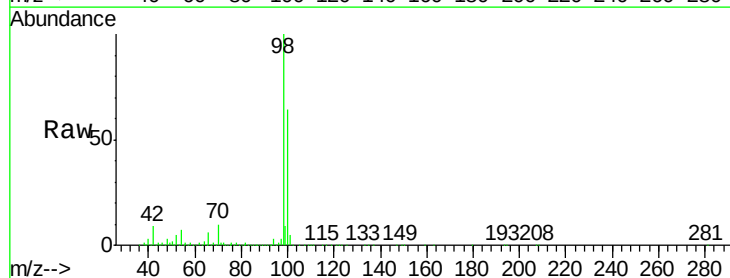


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

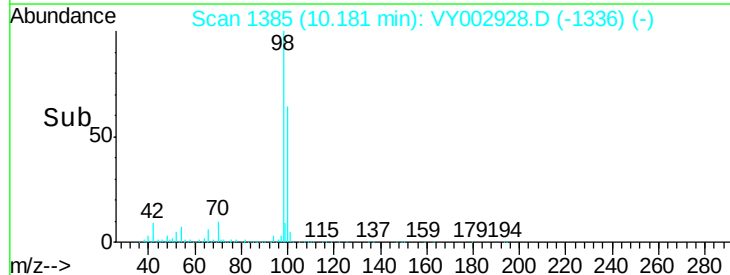
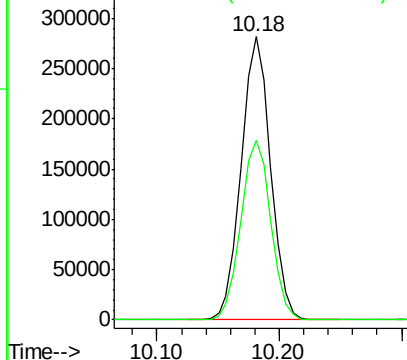


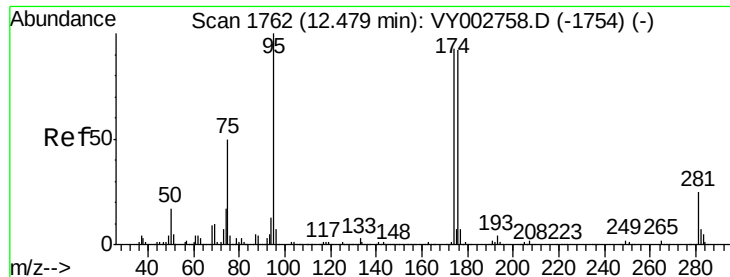
#50
Toluene-d8
Concen: 50.798 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002928.D
Acq: 18 Jun 2020 18:47

Tgt Ion: 98 Resp: 468472
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

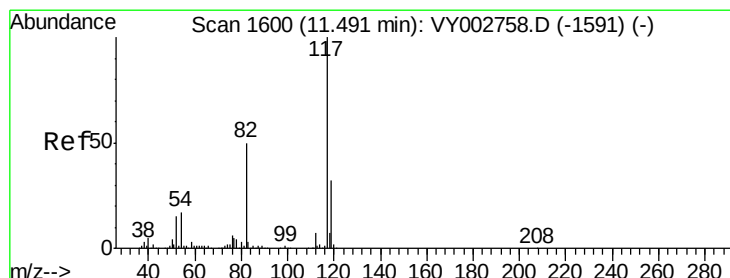
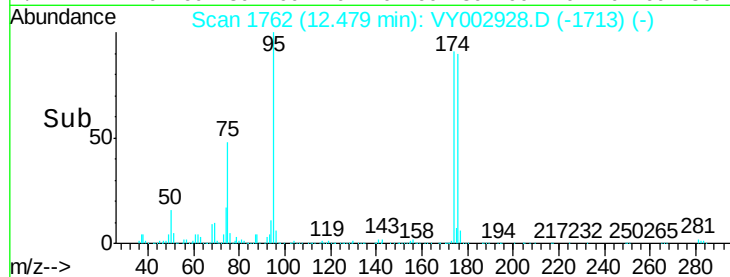
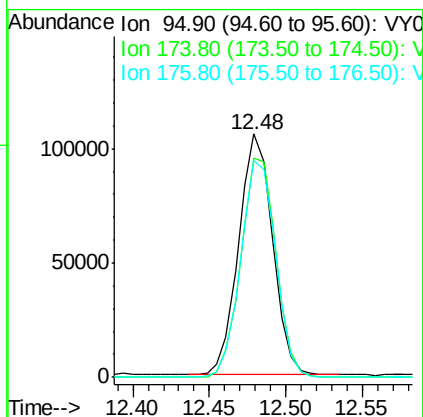
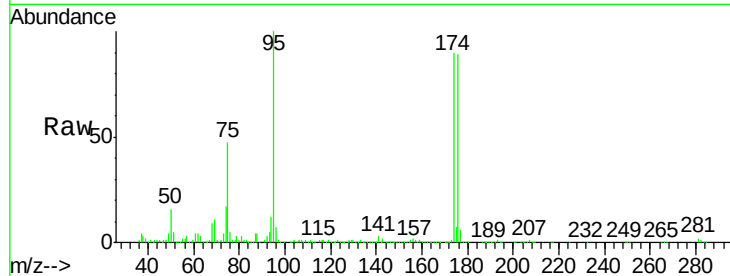




#62
4-Bromofluorobenzene
Concen: 51.200 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002928.D
Acq: 18 Jun 2020 18:47

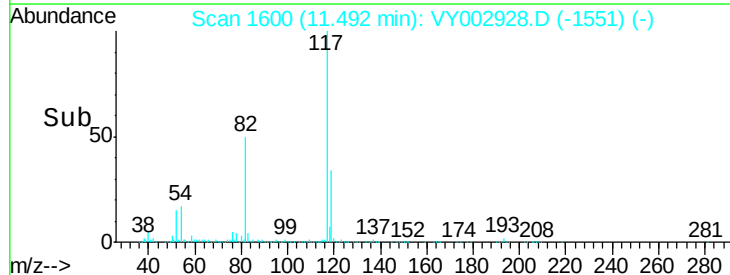
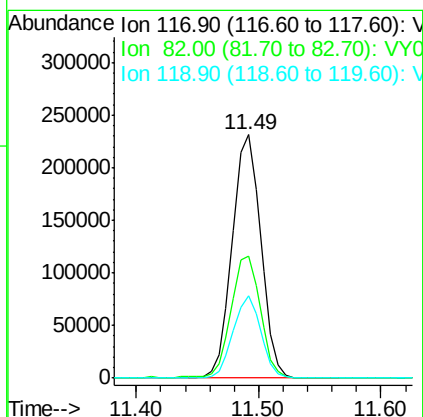
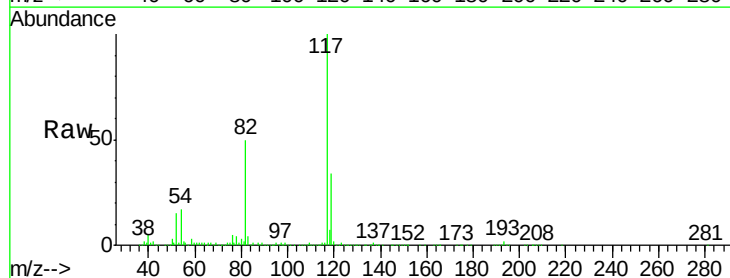
Instrument :
MSVOA_Y
ClientSampled :

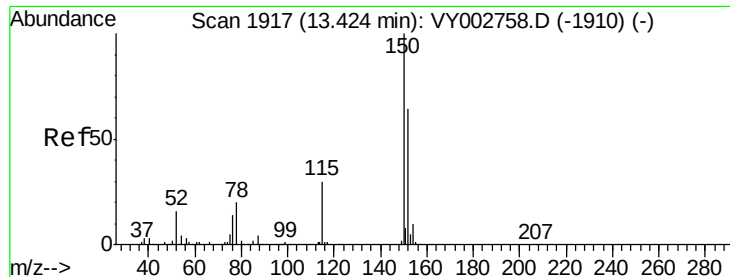
Tot Ion	95	Resp	161367
Ion Ratio	Lower	Upper	
95	100		
174	94.7	0.0	191.2
176	92.9	0.0	188.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002928.D
Acq: 18 Jun 2020 18:47

Tgt Ion	117	Resp	373235
Ion Ratio	Lower	Upper	
117	100		
82	50.1	40.2	60.4
119	33.6	25.8	38.8



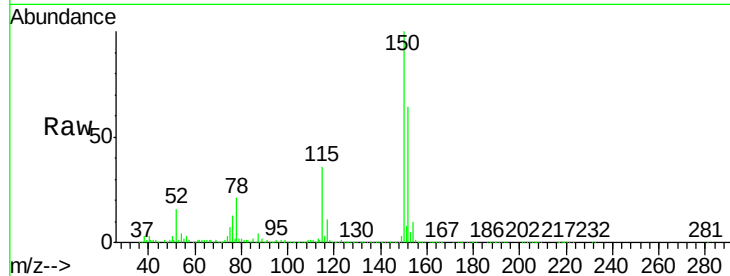


#72

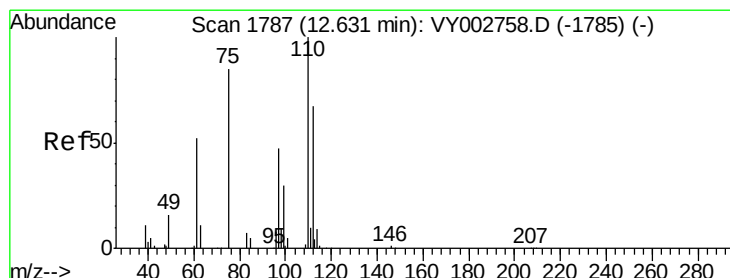
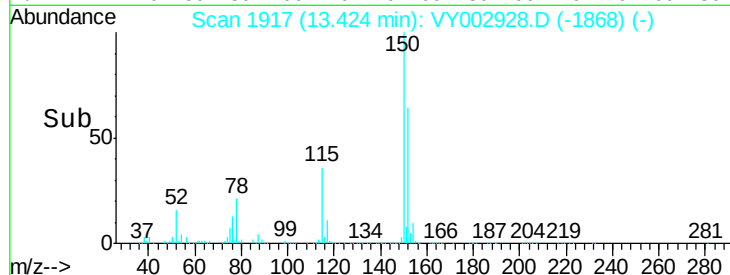
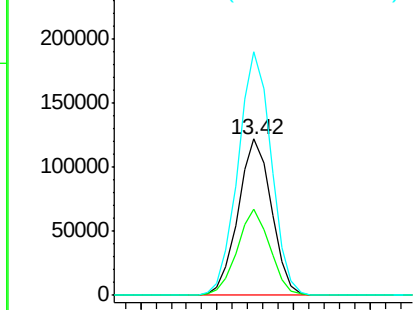
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002928.D
Acq: 18 Jun 2020 18:47

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.0	81.0
150	155.6	0.0	344.8



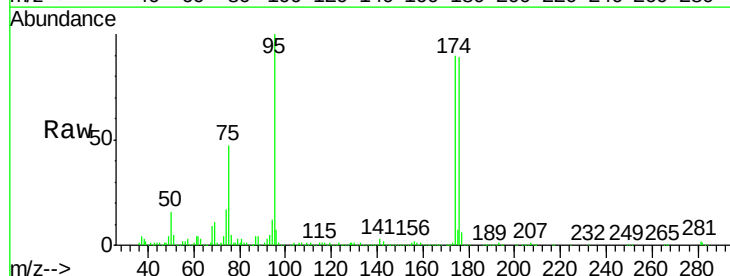
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



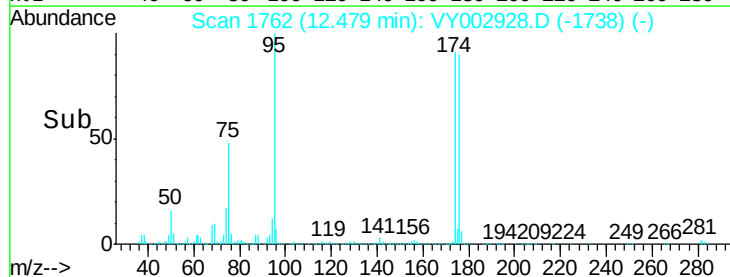
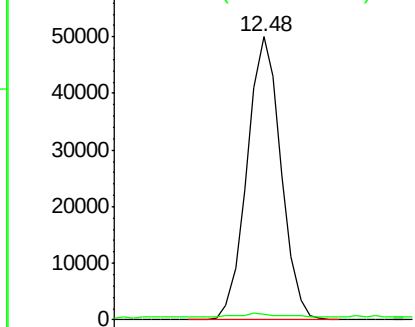
#76

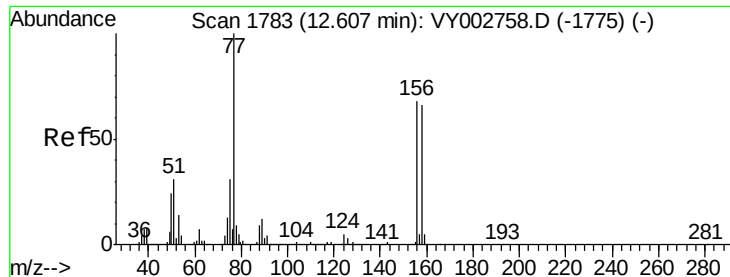
1,2,3-Trichloropropane
Concen: 46.436 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002928.D
Acq: 18 Jun 2020 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	2.1	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 2.238 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.07 min

Lab File: VY002928.D

Acq: 18 Jun 2020 18:47

Instrument :

MSVOA_Y

ClientSampled :

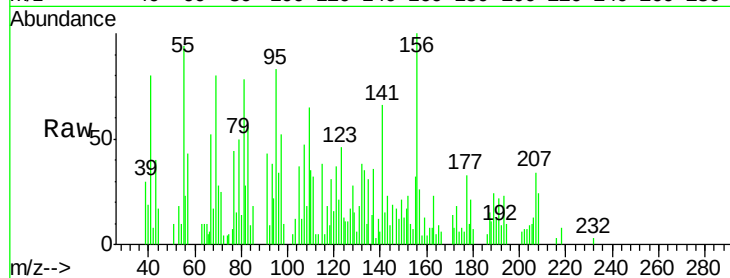
Tot Ion:156 Resp: 6869

Ion Ratio Lower Upper

156 100

77 5.9 81.4 244.2#

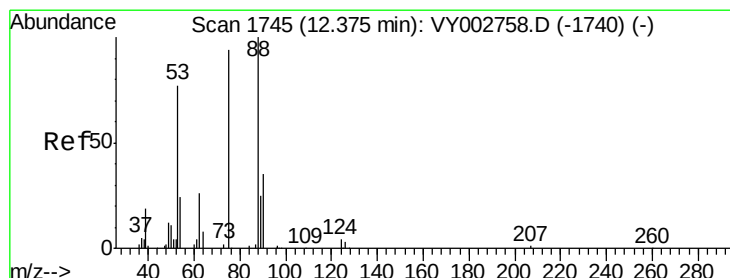
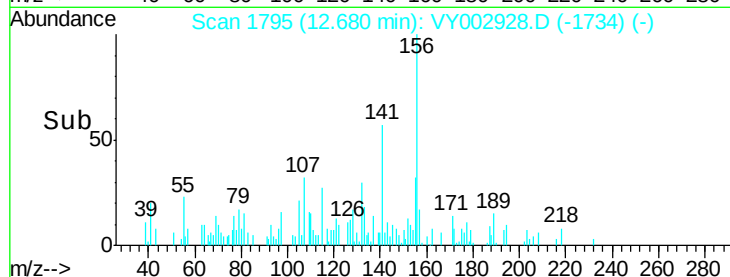
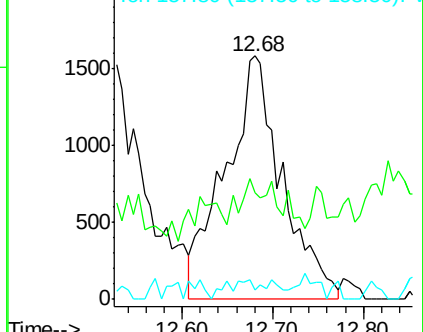
158 1.3 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 87.486 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002928.D

Acq: 18 Jun 2020 18:47

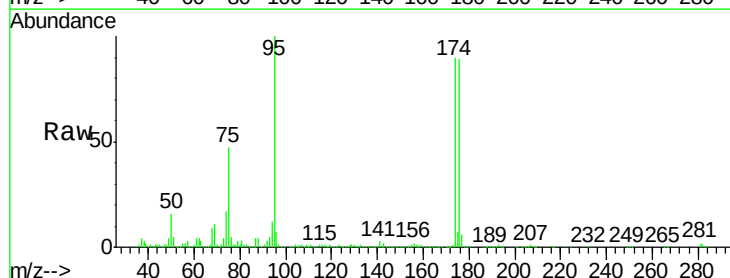
Tgt Ion: 75 Resp: 76959

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.3 37.4 56.2#



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

