

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002785.D
 Acq On : 28 May 2020 12:09
 Operator : SY/MD
 Sample : L2505-06
 Misc : 8.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 28 16:46:35 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	242070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	386755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	356840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163429	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	119716	56.96	ug/l	0.00
Spiked Amount			Recovery	=	113.92%	
35) Dibromofluoromethane	7.72	113	118218	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
50) Toluene-d8	10.18	98	454115	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.48	95	145488	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	

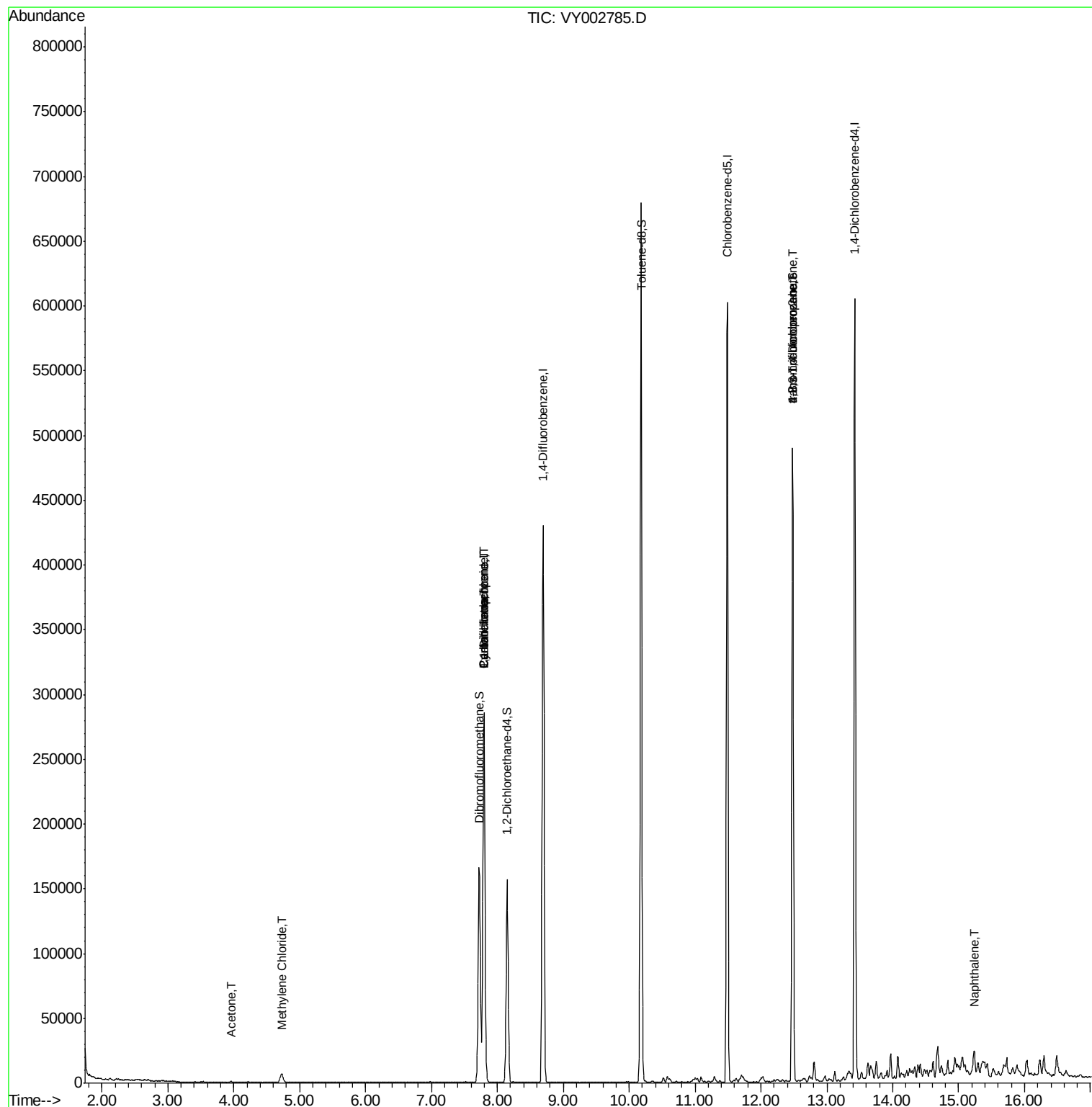
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.95	59	20	Below Cal	#	74
16) Acetone	3.96	43	1084	2.199	ug/l #	73
18) Methyl Acetate	4.50	43	553	Below Cal	#	48
20) Methylene Chloride	4.73	84	5332	2.214	ug/l	93
31) Cyclohexane	7.80	56	3572	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14760	4.531	ug/l #	49
38) Carbon Tetrachloride	7.80	117	20869	5.766	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	71332	48.439	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	71332	91.260	ug/l #	17
95) Naphthalene	15.23	128	15166	2.142	ug/l	99

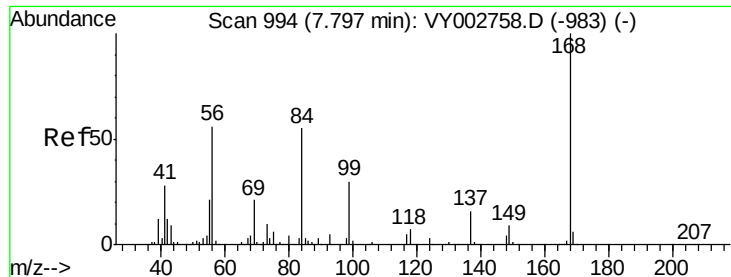
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002785.D

Acq: 28 May 2020 12:09

Instrument :

MSVOA_Y

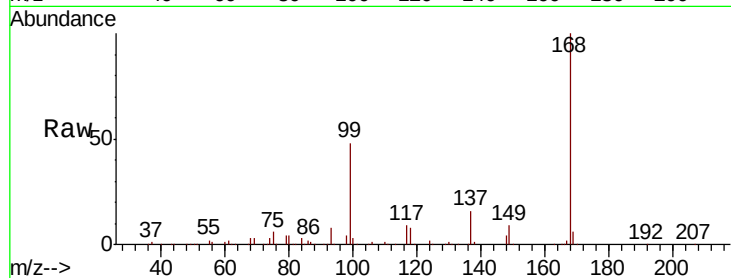
ClientSampled :

Tot Ion:168 Resp: 242070

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002785.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002785.D (-983) (-)

7.80

120000

100000

80000

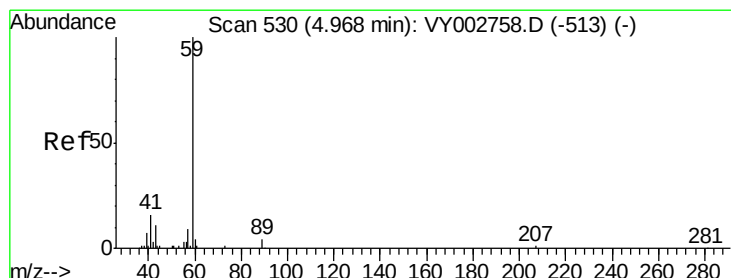
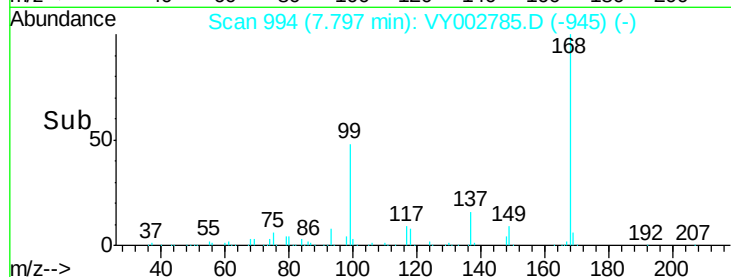
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY002785.D

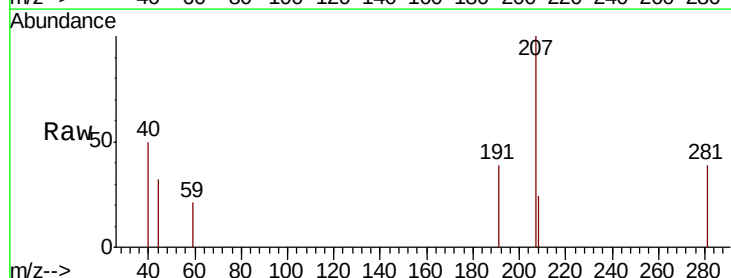
Acq: 28 May 2020 12:09

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002785.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002785.D (-513) (-)

4.95

60

50

40

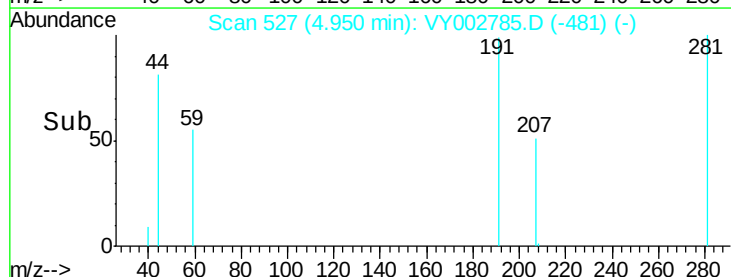
30

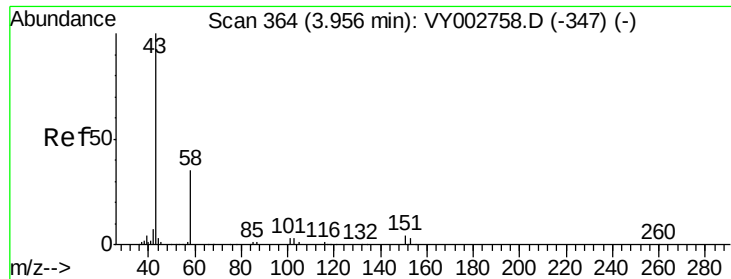
20

10

0

Time-->

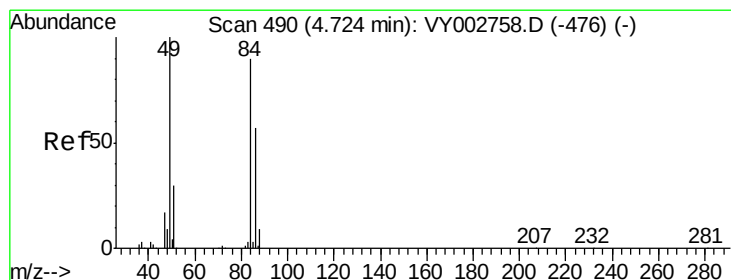
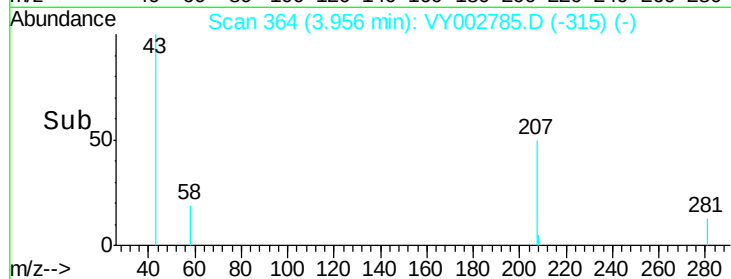
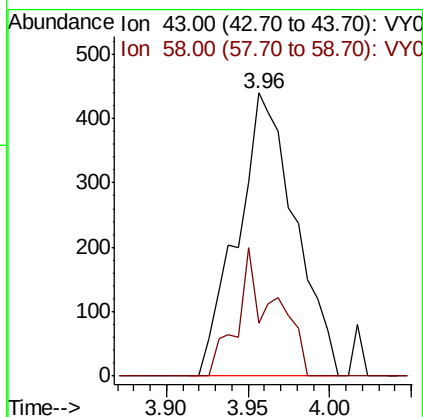
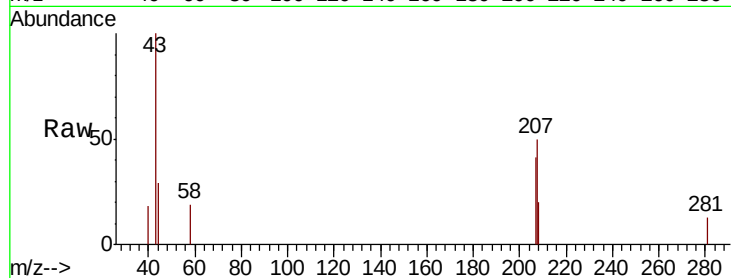




#16
Acetone
Concen: 2.199 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY002785.D
Acq: 28 May 2020 12:09

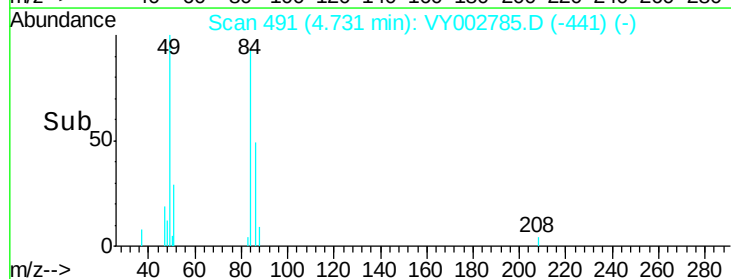
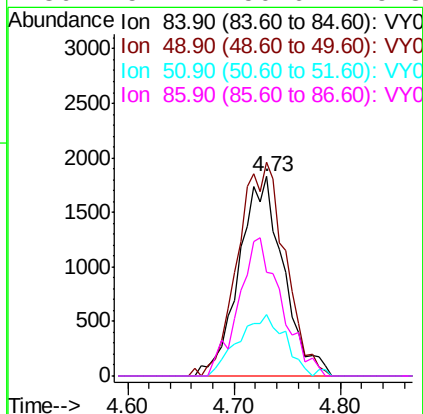
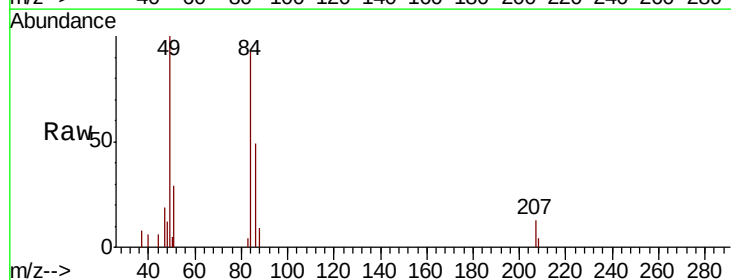
Instrument :
MSVOA_Y
ClientSampled :

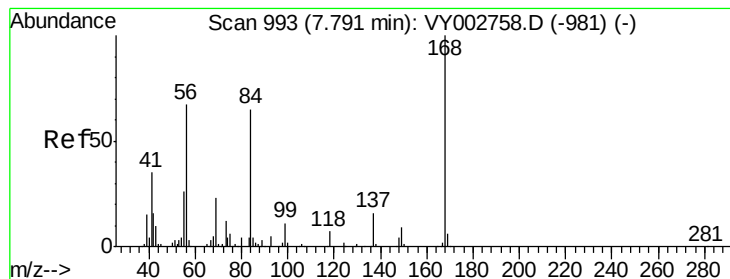
Tot Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 18.9 27.7 41.5#



#20
Methylene Chloride
Concen: 2.214 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002785.D
Acq: 28 May 2020 12:09

Tgt Ion: 84 Resp: 5332
Ion Ratio Lower Upper
84 100
49 107.0 88.5 132.7
51 31.0 26.8 40.2
86 52.2 50.6 75.8





#31

Cyclohexane

Concen: 1.002 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampled :

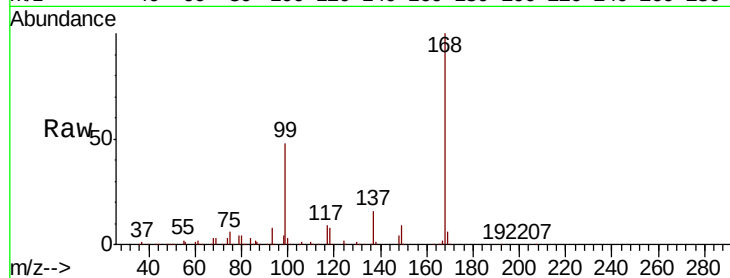
Tot Ion: 56 Resp: 3572

Ion Ratio Lower Upper

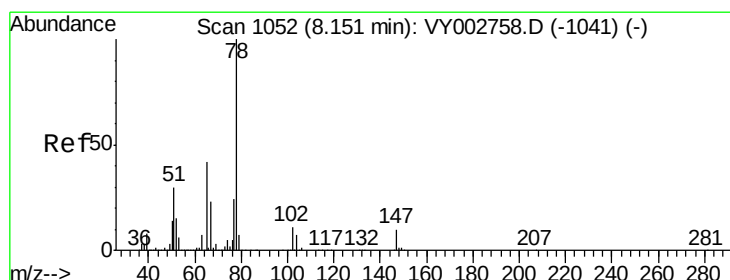
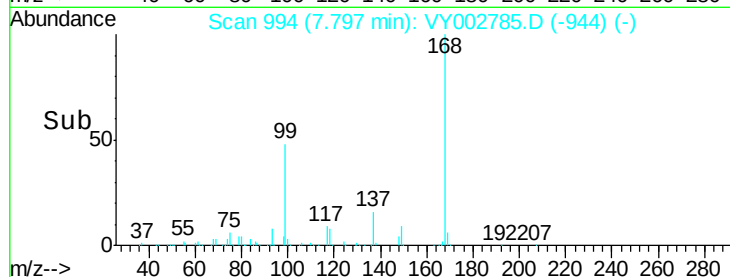
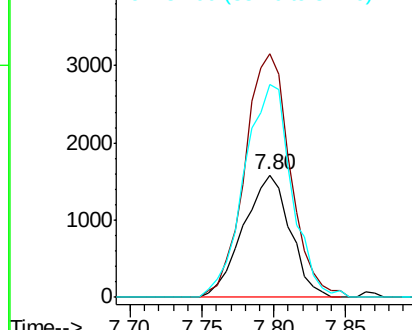
56 100

69 198.7 28.0 42.0#

84 174.1 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



#33

1,2-Dichloroethane-d4

Concen: 56.958 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002785.D

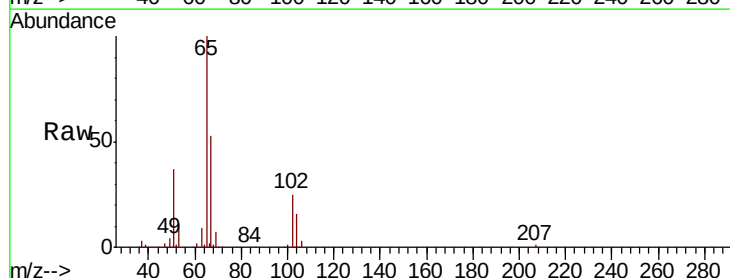
Acq: 28 May 2020 12:09

Tgt Ion: 65 Resp: 119716

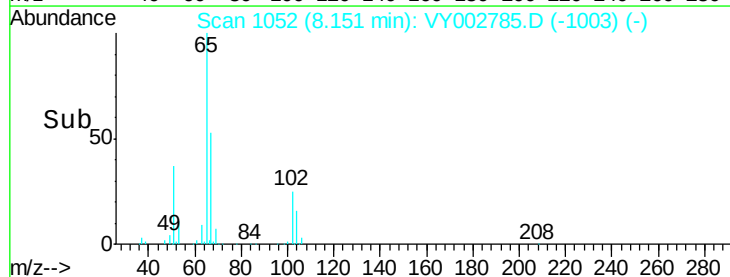
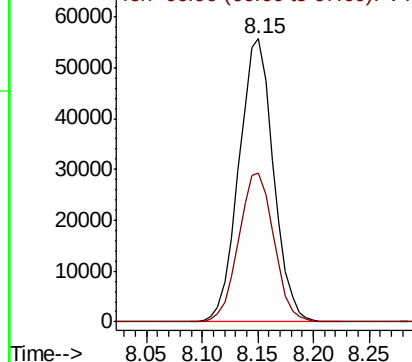
Ion Ratio Lower Upper

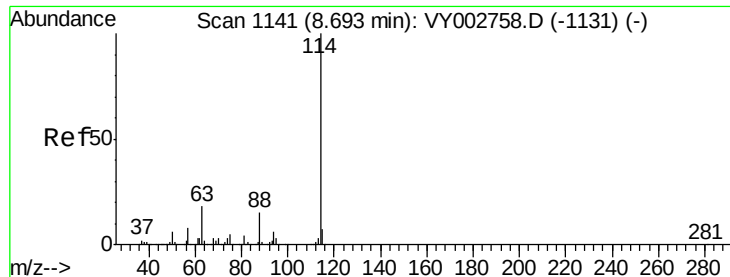
65 100

67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

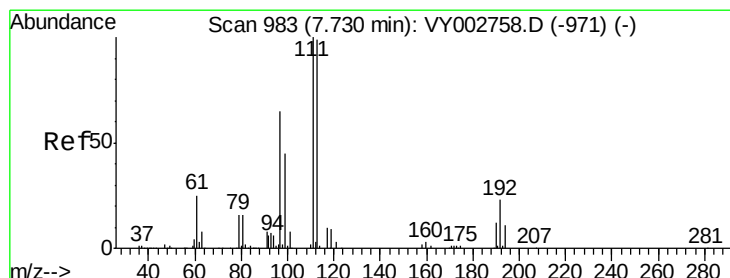
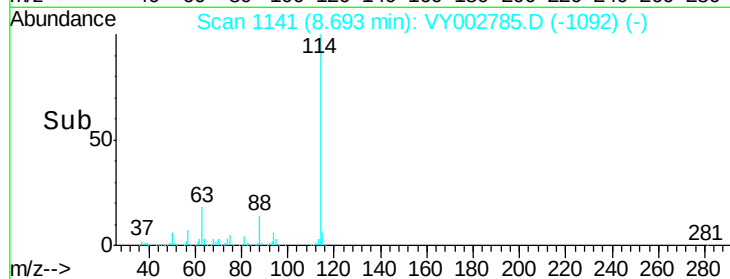
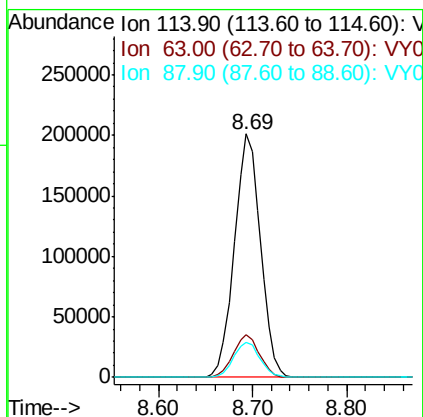
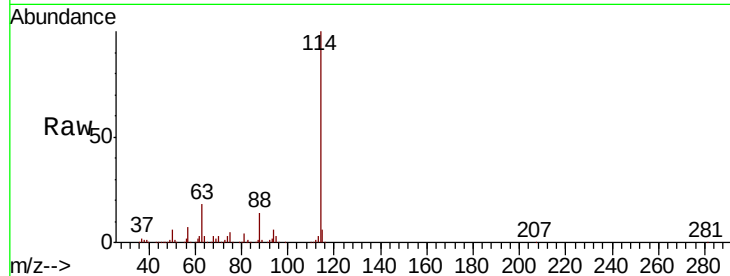




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002785.D
 Acq: 28 May 2020 12:09

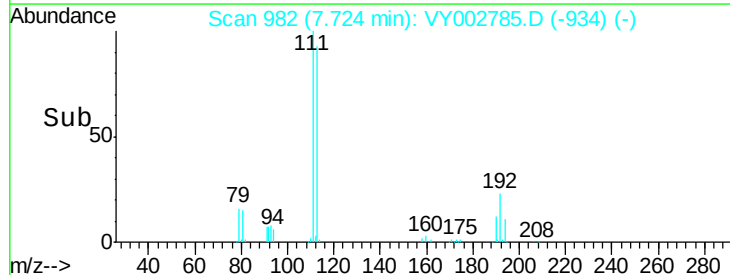
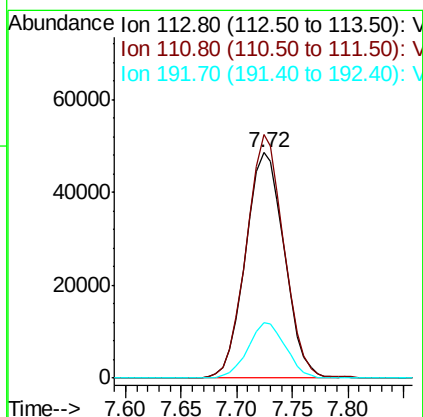
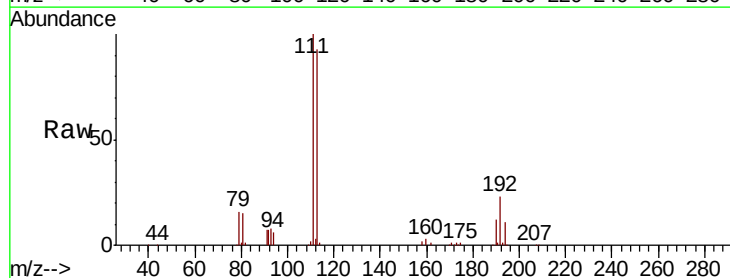
Instrument :
 MSVOA_Y
 ClientSampleId :

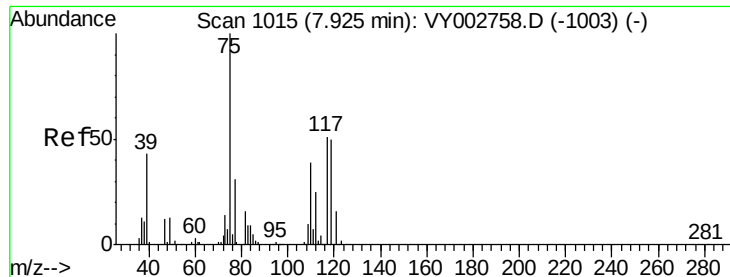
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.2
88	14.5	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 52.157 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002785.D
 Acq: 28 May 2020 12:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.0	123.0
192	23.7	18.9	28.3

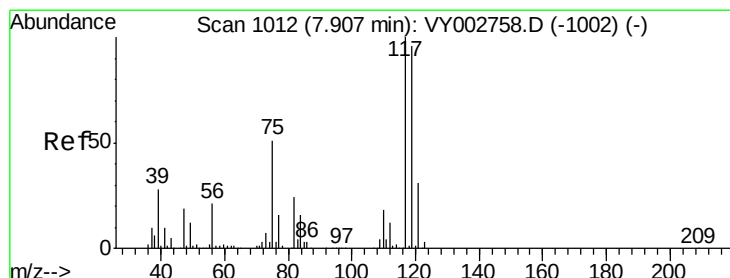
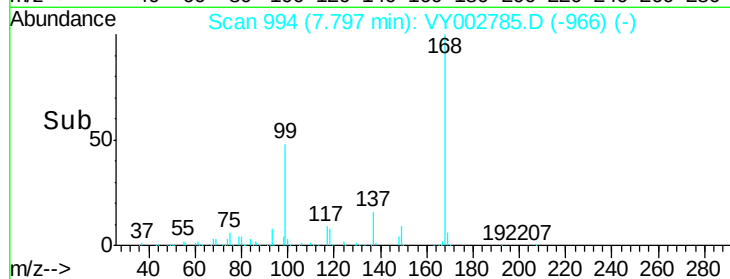
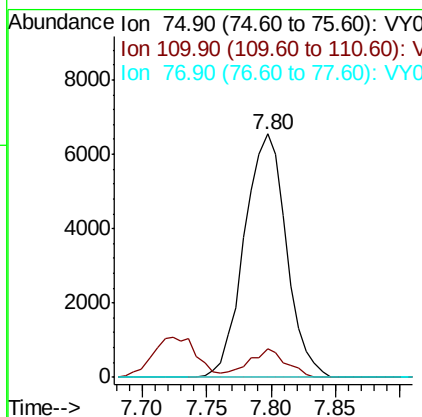
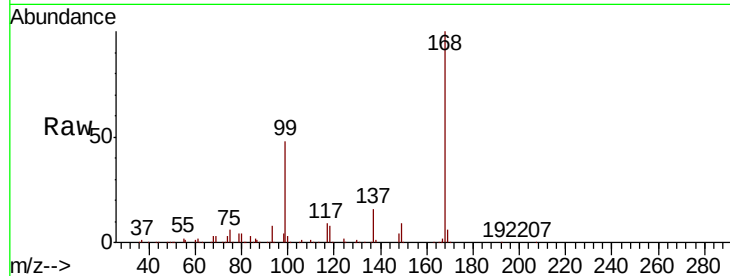




#36
 1,1-Dichloropropene
 Concen: 4.531 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002785.D
 Acq: 28 May 2020 12:09

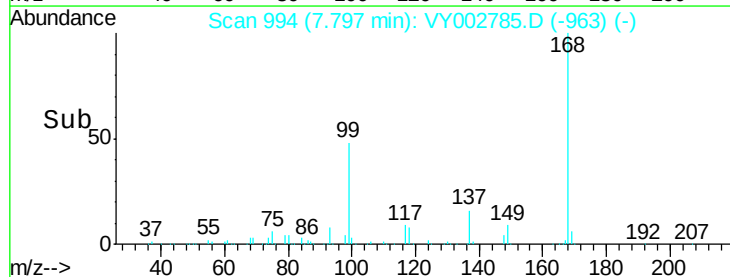
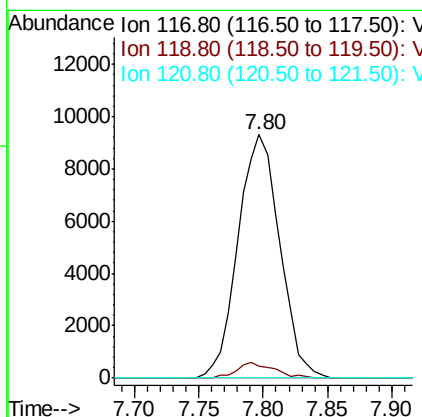
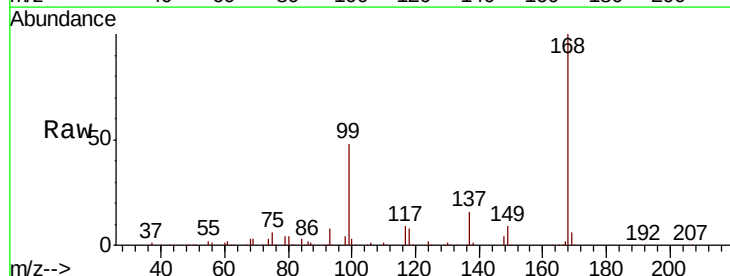
Instrument :
 MSVOA_Y
 ClientSampled :

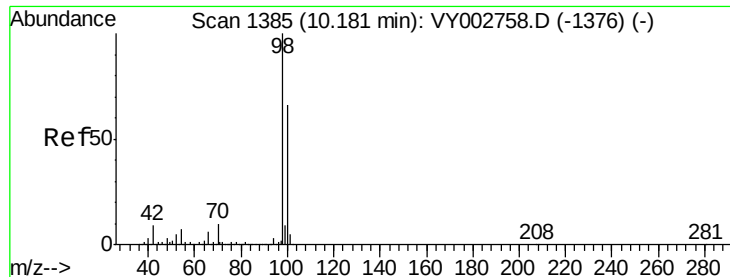
Tot Ion	75	Resp	14760
Ion Ratio	100	Lower	Upper
75	100		
110	10.3	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.766 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002785.D
 Acq: 28 May 2020 12:09

Tgt Ion	117	Resp	20869
Ion Ratio	100	Lower	Upper
117	100		
119	5.1	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.552 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

Instrument :

MSVOA_Y

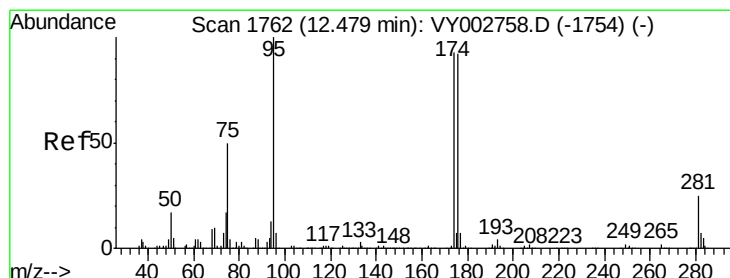
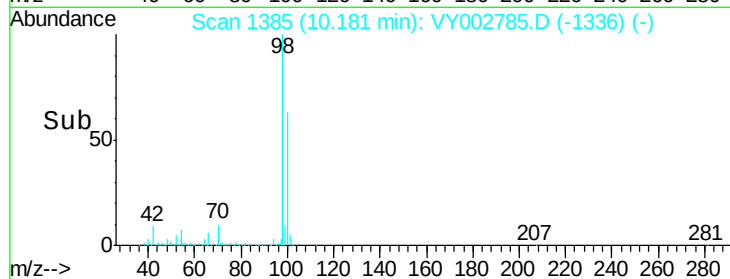
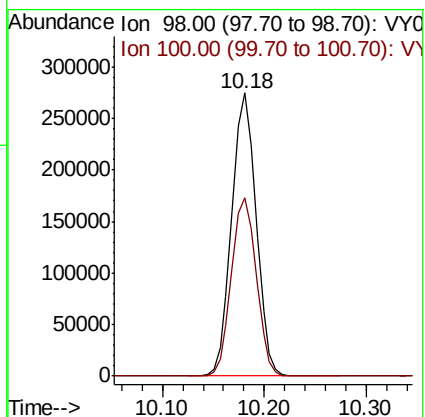
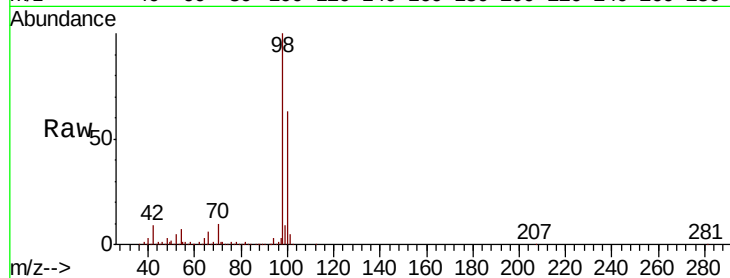
ClientSampleId :

Tot Ion: 98 Resp: 454115

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.453 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

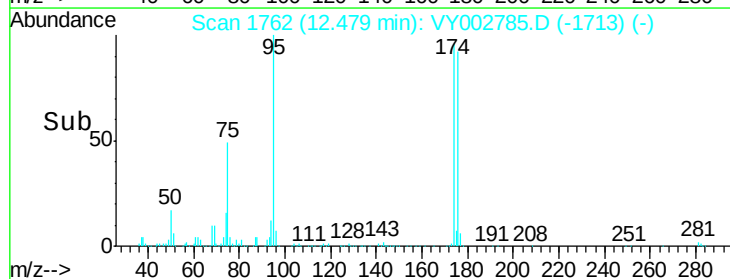
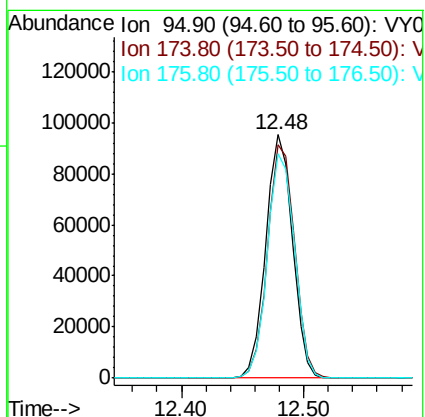
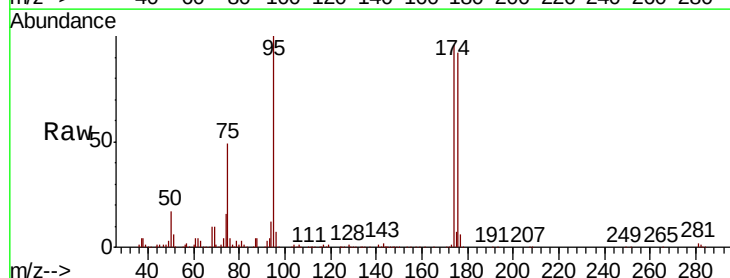
Tgt Ion: 95 Resp: 145488

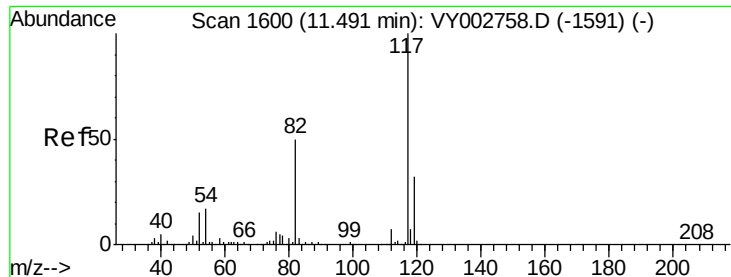
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.2

176 93.5 0.0 188.8

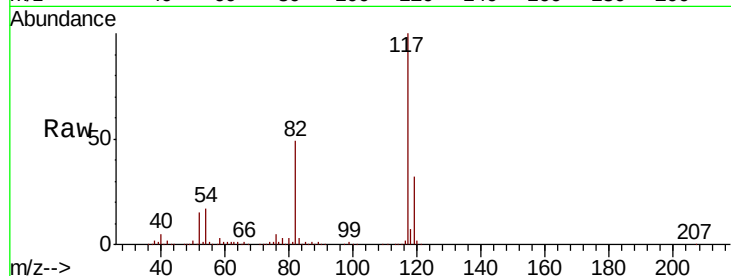




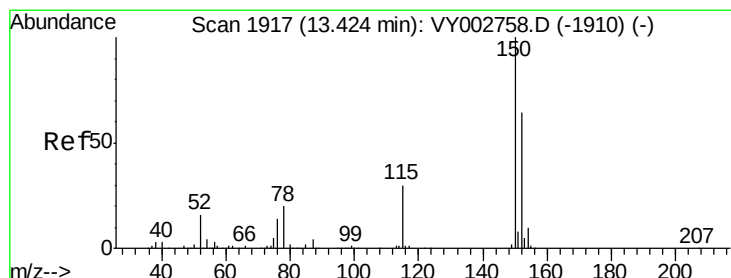
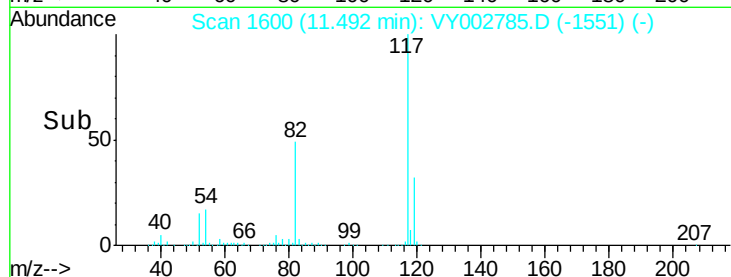
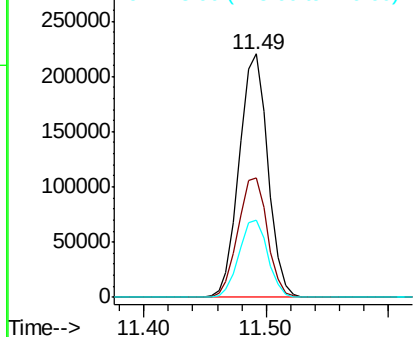
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002785.D
Acq: 28 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 356840
Ion Ratio Lower Upper
117 100
82 49.3 40.2 60.4
119 31.8 25.8 38.8

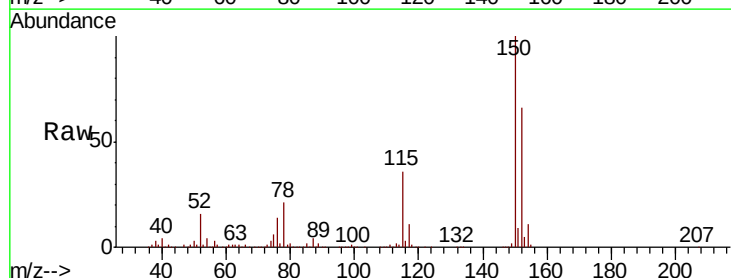


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

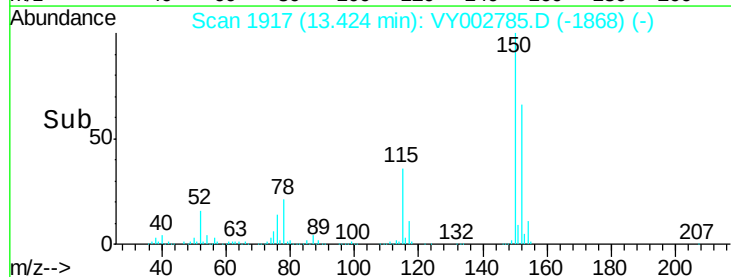
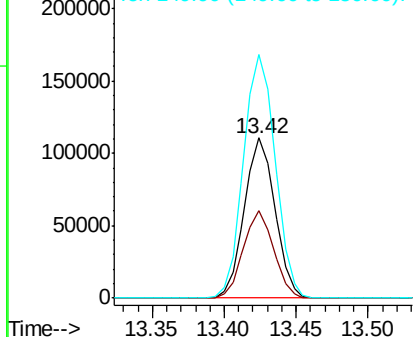


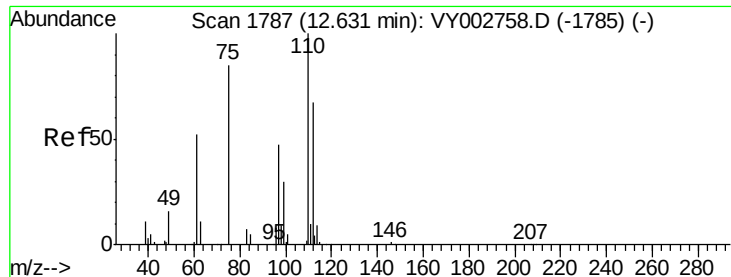
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002785.D
Acq: 28 May 2020 12:09

Tgt Ion:152 Resp: 163429
Ion Ratio Lower Upper
152 100
115 54.1 27.0 81.0
150 157.1 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: 48.439 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

Instrument :

MSVOA_Y

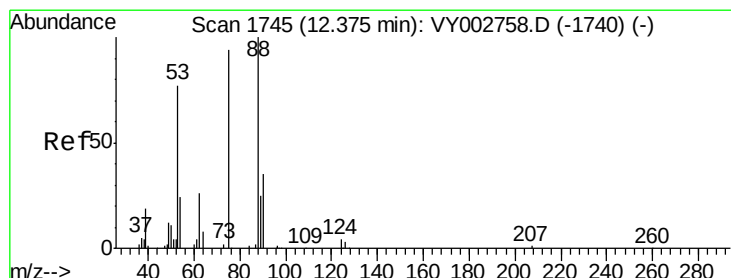
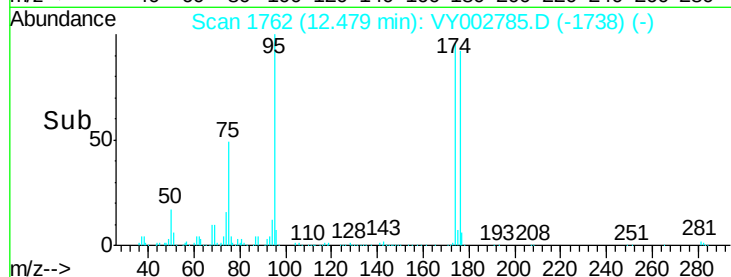
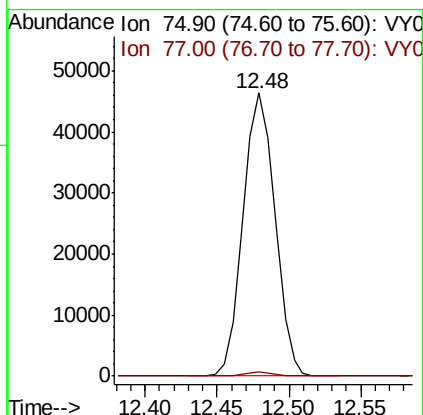
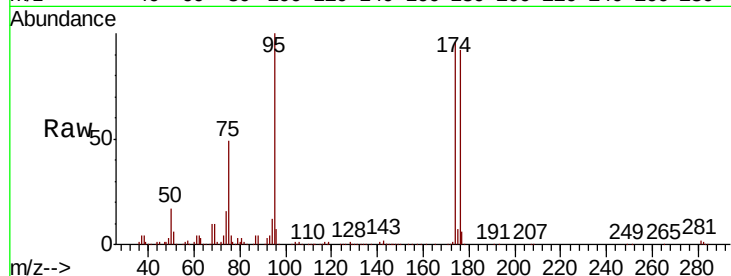
ClientSampled :

Tot Ion: 75 Resp: 71332

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.260 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002785.D

Acq: 28 May 2020 12:09

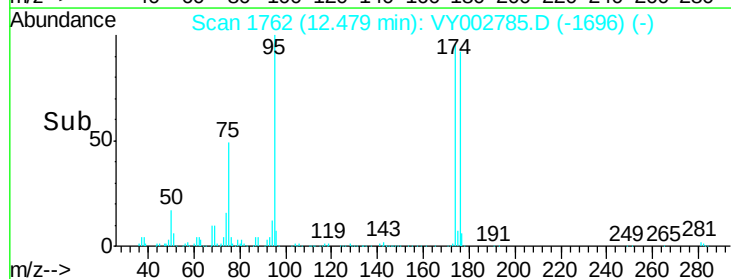
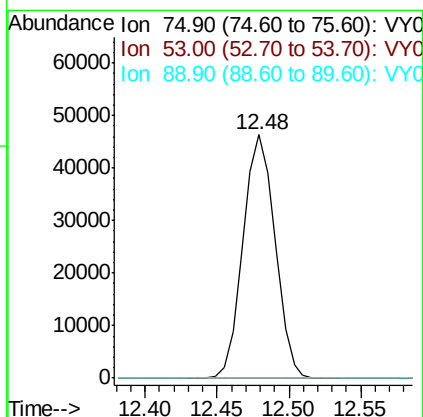
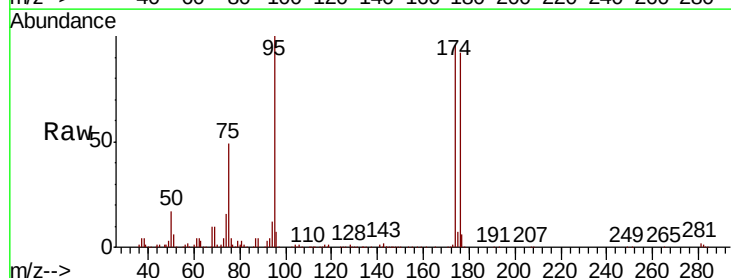
Tgt Ion: 75 Resp: 71332

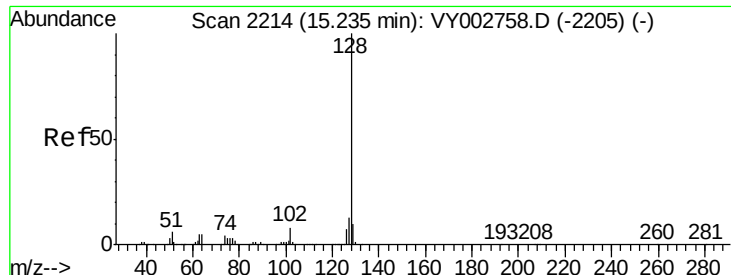
Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#

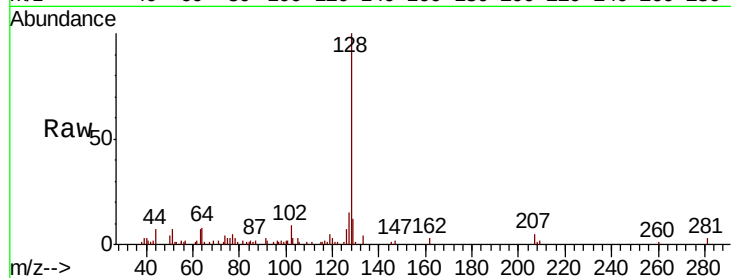




#95
Naphthalene
Concen: 2.142 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002785.D
Acq: 28 May 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	11.0	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

