

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
 Data File : VY002798.D
 Acq On : 29 May 2020 12:37
 Operator : SY/MD
 Sample : L2797-05
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 03:56:36 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	233131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	375627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	349232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173097	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	118822	58.70	ug/l	0.00
Spiked Amount			Recovery	=	117.40%	
35) Dibromofluoromethane	7.72	113	114513	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
50) Toluene-d8	10.18	98	443898	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	143959	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	

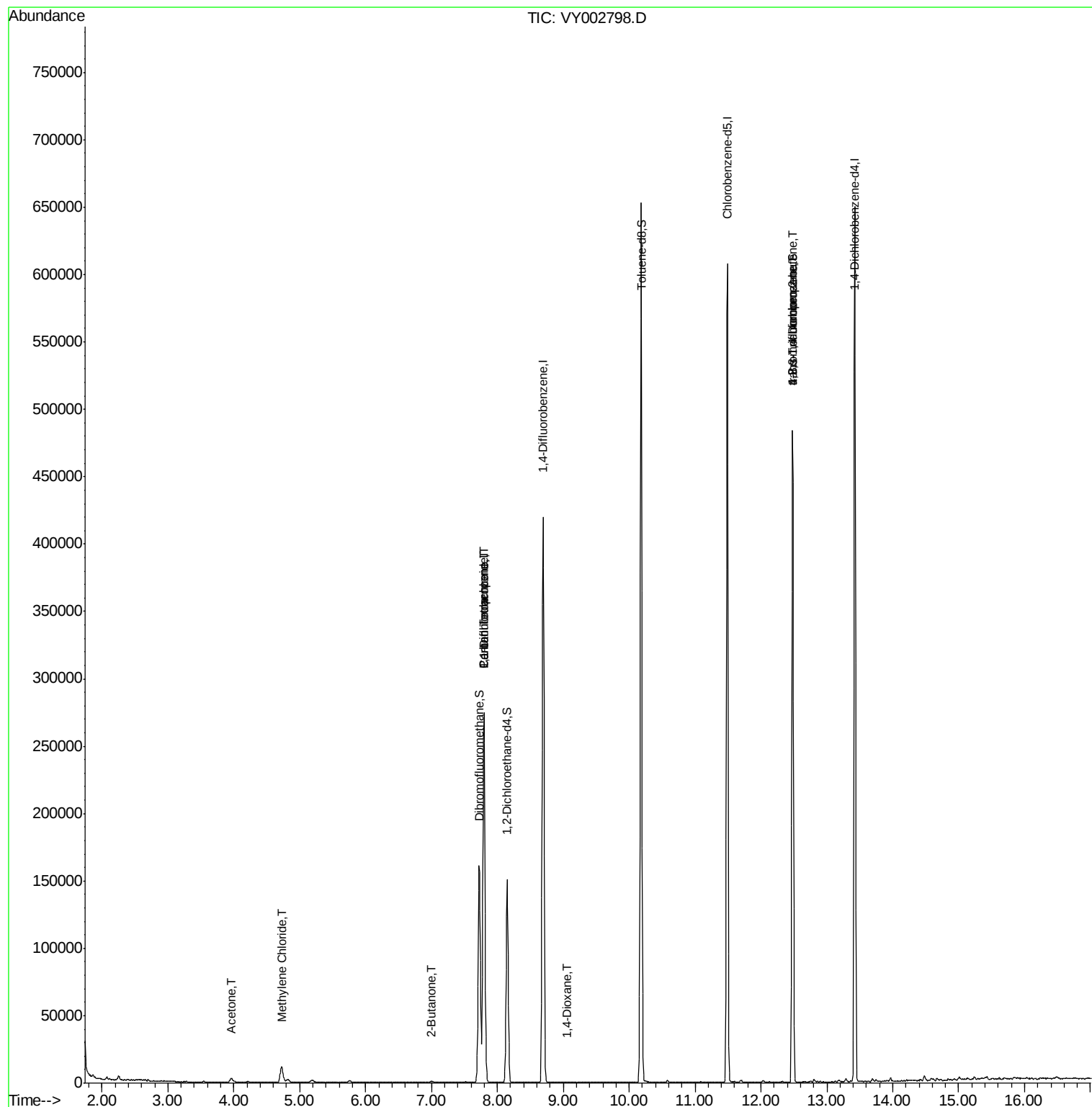
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	48	Below Cal	#	74
16) Acetone	3.96	43	6277	13.224	ug/l #	82
18) Methyl Acetate	4.49	43	422	Below Cal	#	60
20) Methylene Chloride	4.73	84	9885	4.261	ug/l	94
25) 2-Butanone	7.00	43	1181	1.597	ug/l	92
36) 1,1-Dichloropropene	7.80	75	14407	4.553	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21237	6.042	ug/l #	16
49) 1,4-Dioxane	9.06	88	43	2.103	ug/l #	26
76) 1,2,3-Trichloropropane	12.48	75	70600	45.265	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	70600	85.278	ug/l #	17

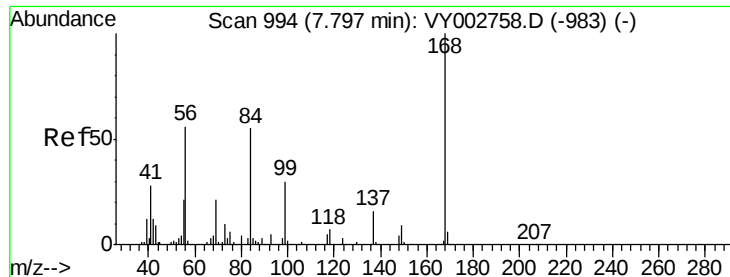
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

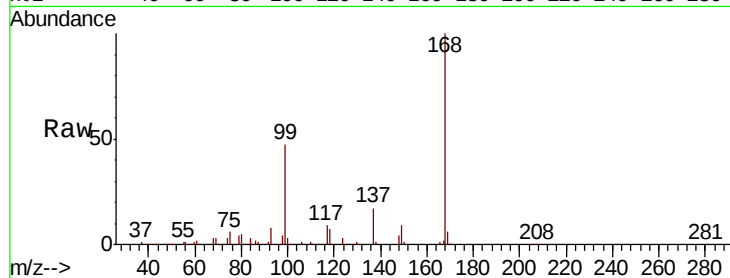
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 233131

Ion Ratio Lower Upper

168 100

99 46.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

100000

80000

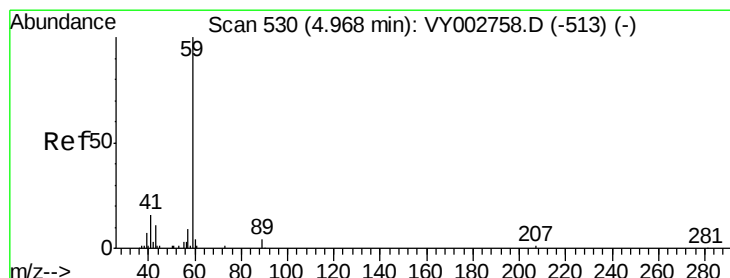
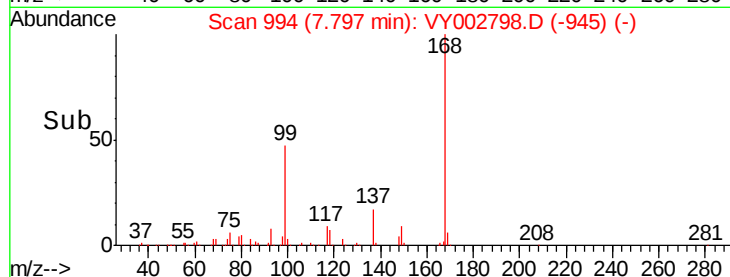
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY002798.D

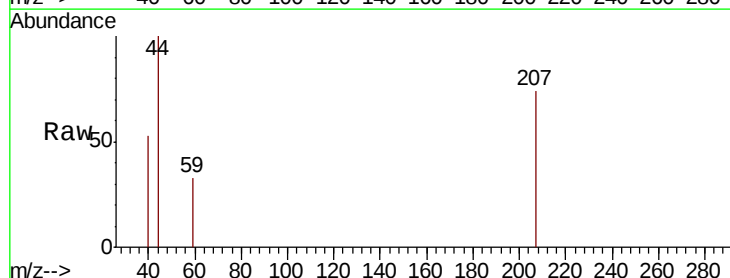
Acq: 29 May 2020 12:37

Tgt Ion: 59 Resp: 48

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)

4.98

80

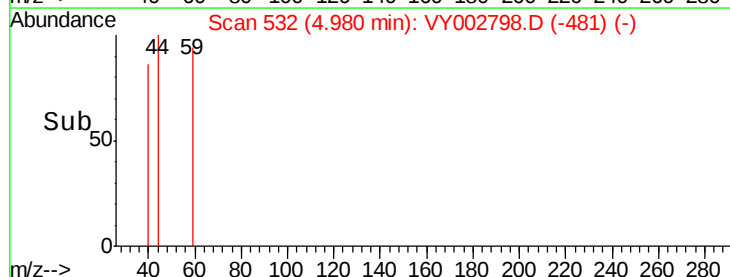
60

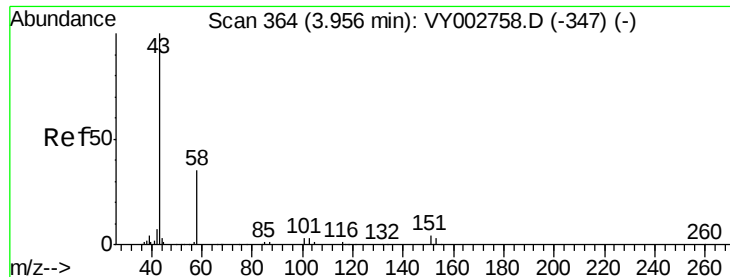
40

20

0

Time-->





#16

Acetone

Concen: 13.224 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

Instrument :

MSVOA_Y

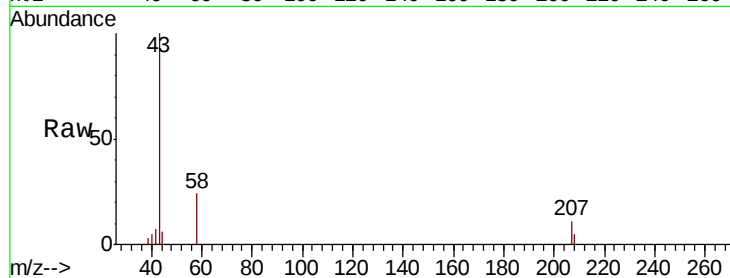
ClientSampleId :

Tot Ion: 43 Resp: 6277

Ion Ratio Lower Upper

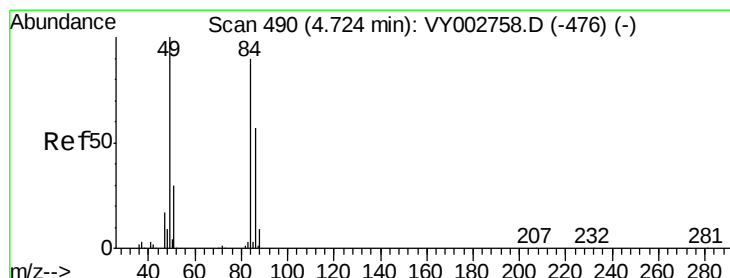
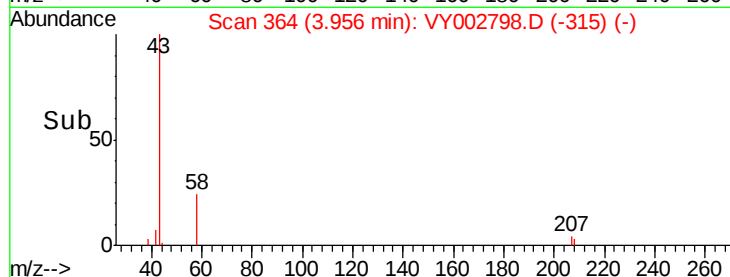
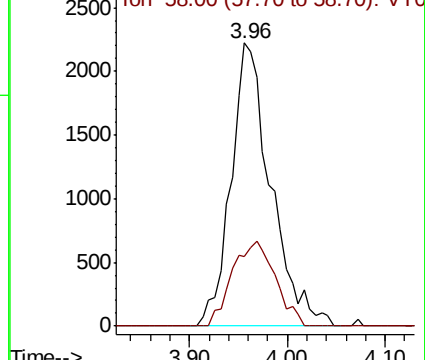
43 100

58 24.4 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 4.261 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

Tgt Ion: 84 Resp: 9885

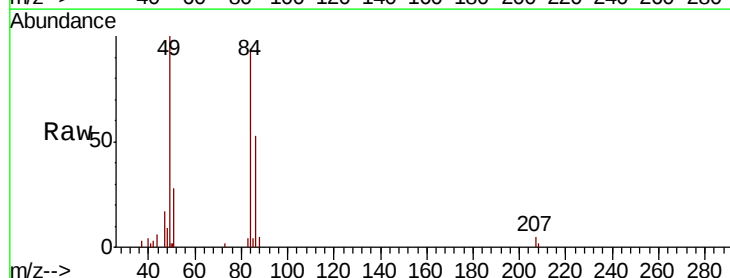
Ion Ratio Lower Upper

84 100

49 106.8 88.5 132.7

51 29.6 26.8 40.2

86 56.8 50.6 75.8

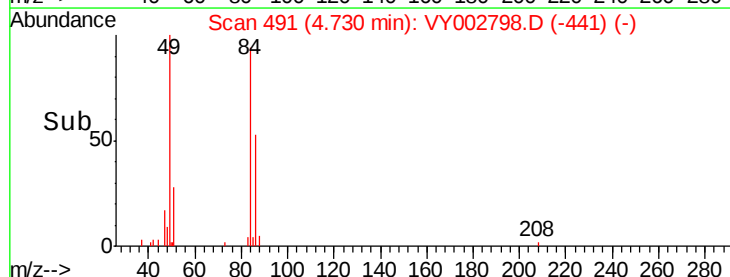
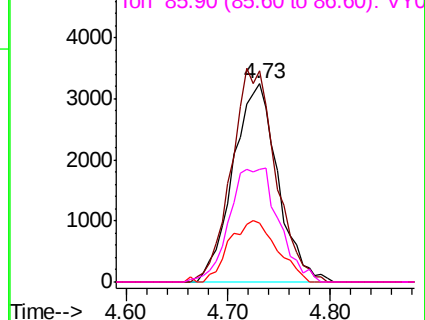


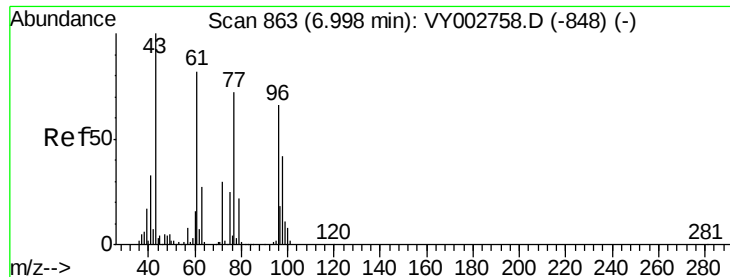
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

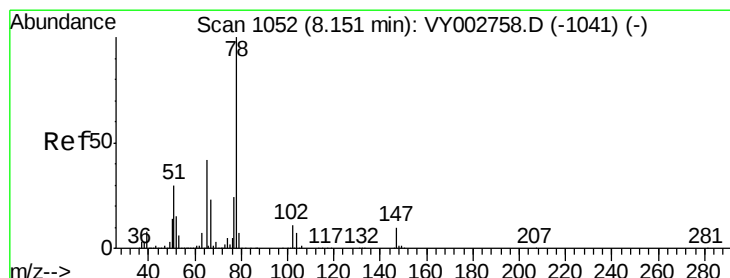
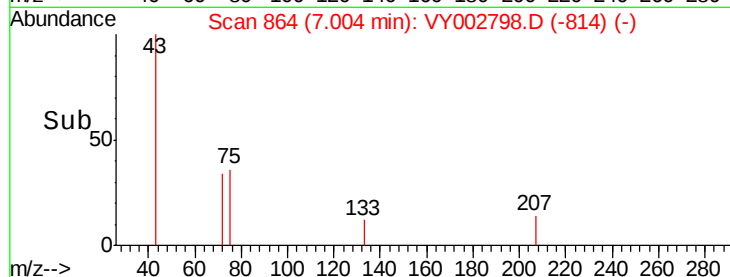
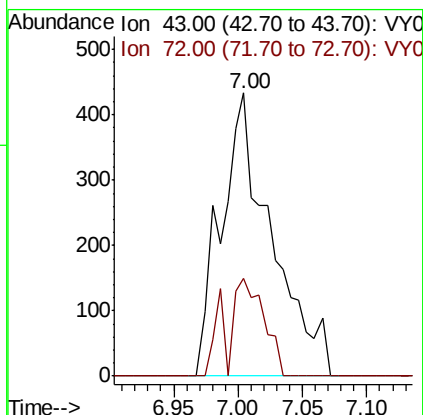
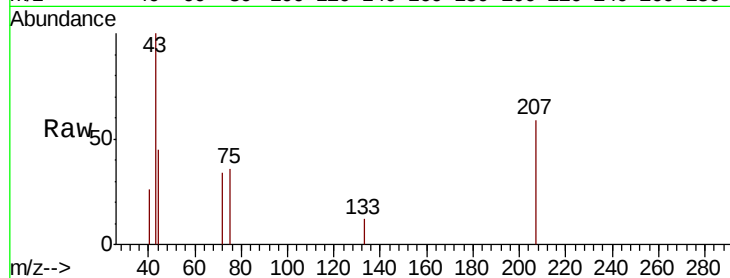




#25
2-Butanone
Concen: 1.597 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY002798.D
Acq: 29 May 2020 12:37

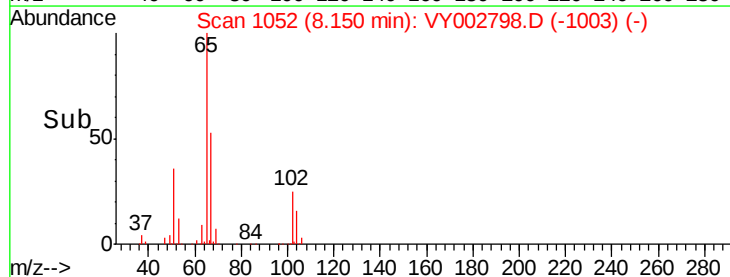
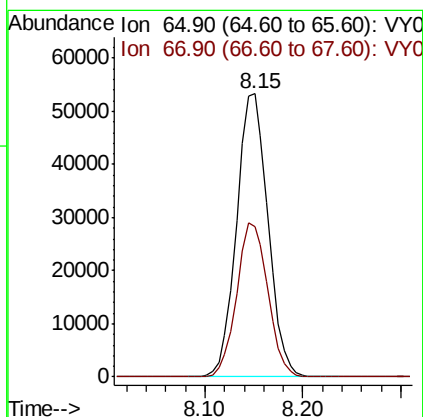
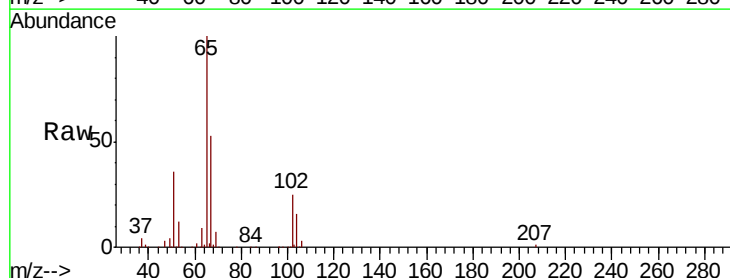
Instrument :
MSVOA_Y
ClientSampleId :

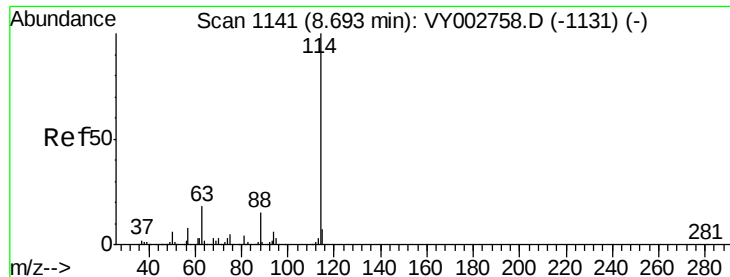
Tot Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
72 34.4 23.9 35.9



#33
1,2-Dichloroethane-d4
Concen: 58.700 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY002798.D
Acq: 29 May 2020 12:37

Tgt Ion: 65 Resp: 118822
Ion Ratio Lower Upper
65 100
67 53.7 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: VY002798.D

Acq: 29 May 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

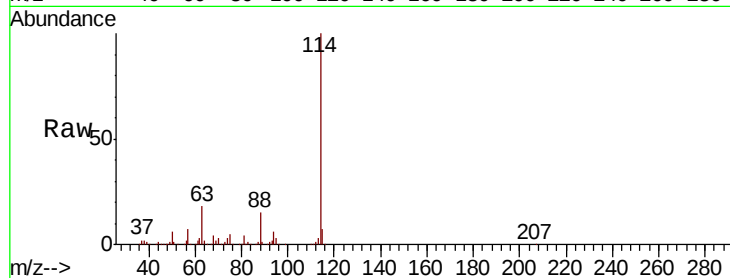
Tot Ion:114 Resp: 375627

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

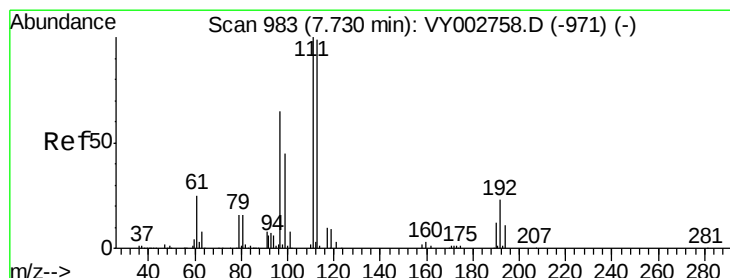
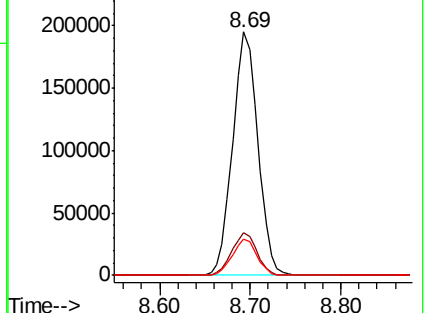
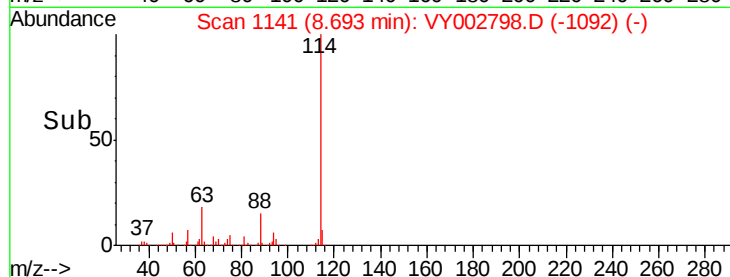
88 14.7 0.0 29.2



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: 52.019 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

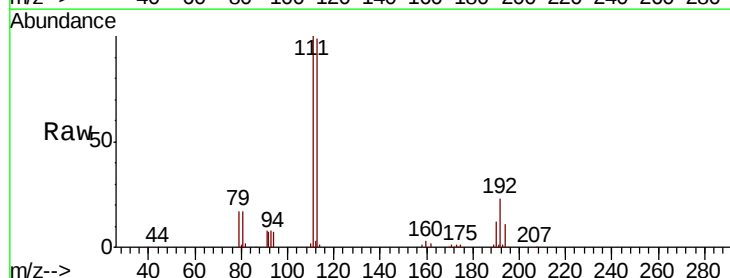
Tgt Ion:113 Resp: 114513

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

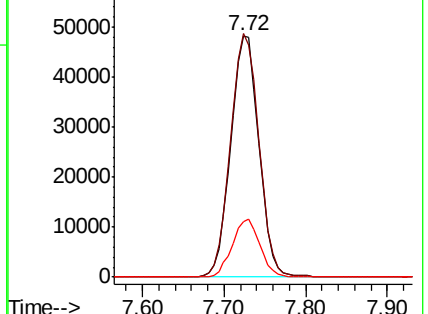
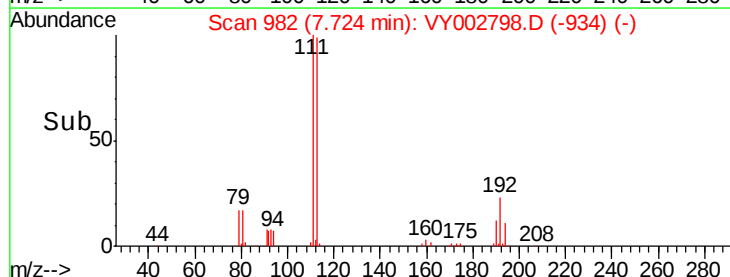
192 23.5 18.9 28.3

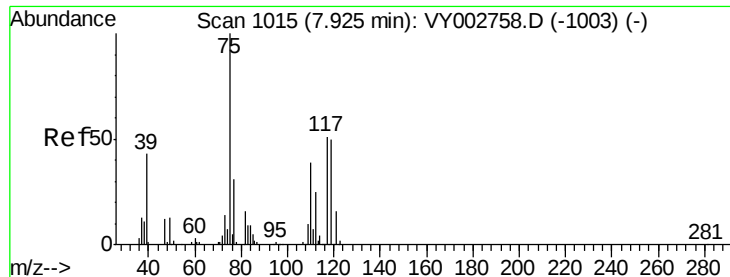


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

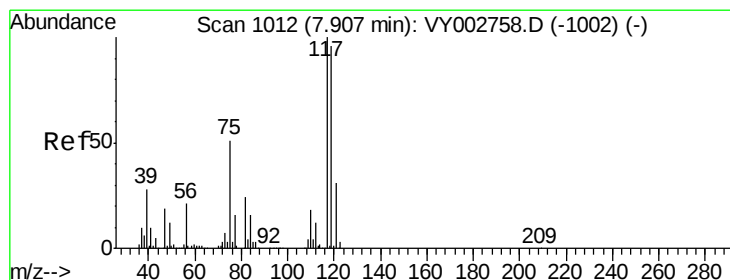
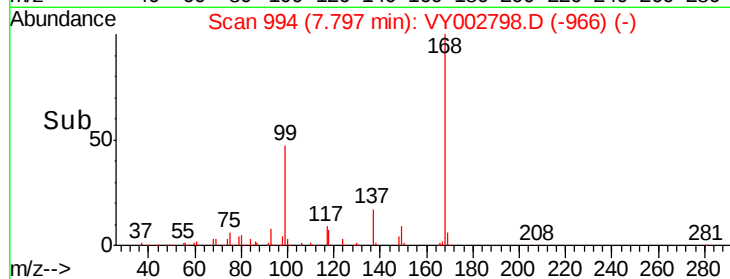
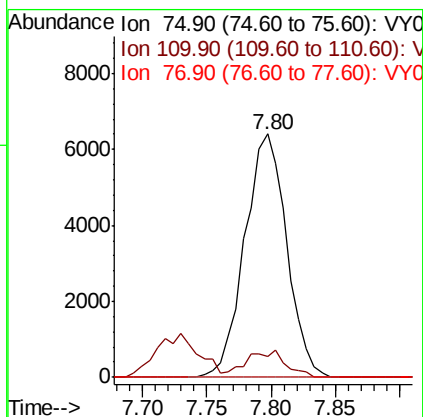
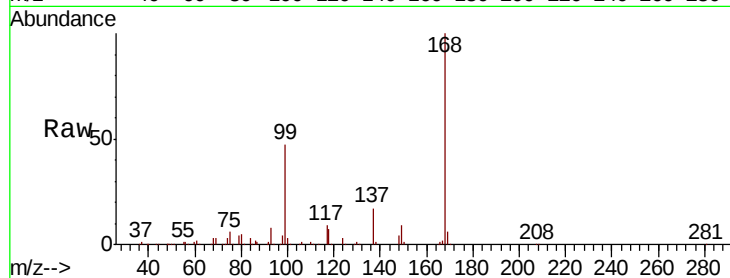




#36
 1,1-Dichloropropene
 Concen: 4.553 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002798.D
 Acq: 29 May 2020 12:37

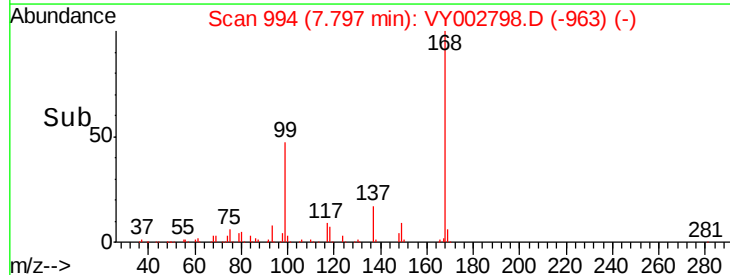
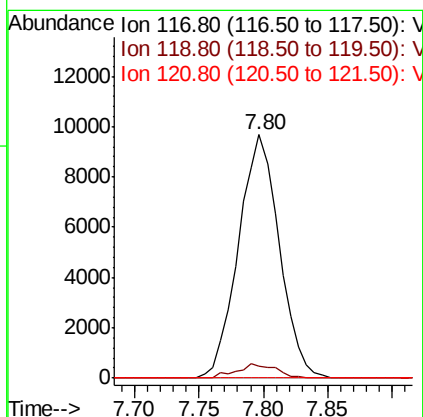
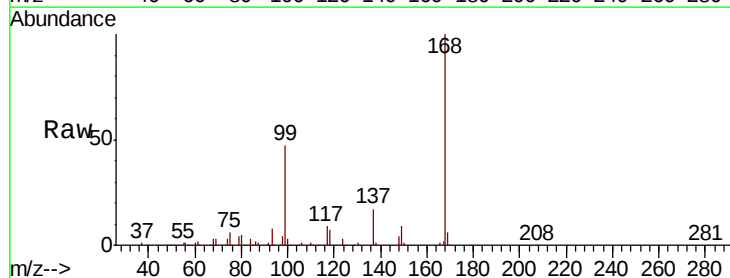
Instrument :
 MSVOA_Y
 ClientSampleId :

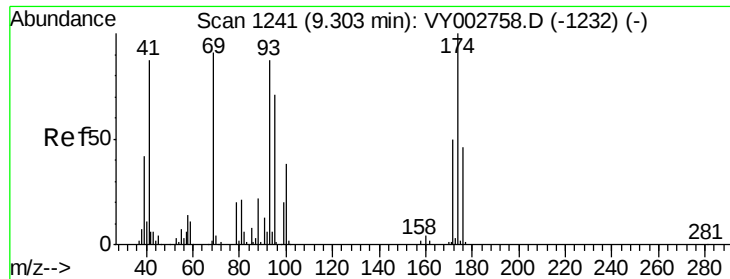
Tot Ion	75	Resp	14407
Ion Ratio	100	Lower	Upper
75	100		
110	10.2	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.042 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002798.D
 Acq: 29 May 2020 12:37

Tgt Ion	117	Resp	21237
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.0	76.8	115.2#
121	0.0	24.8	37.2#





#49

1,4-Dioxane

Concen: 2.103 ug/l

RT: 9.06 min Scan# 1201

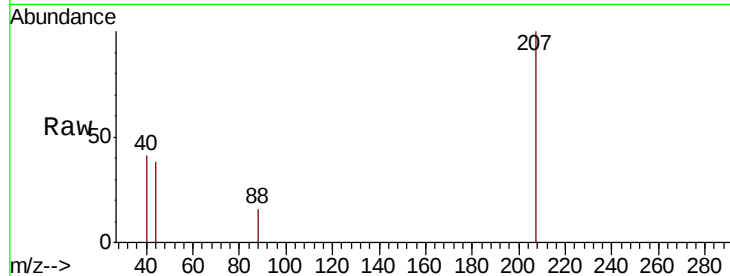
Delta R.T. -0.24 min

Lab File: VY002798.D

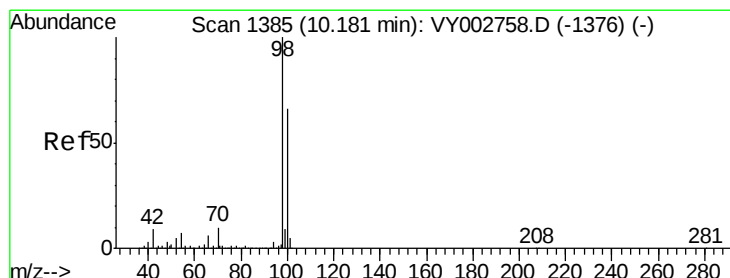
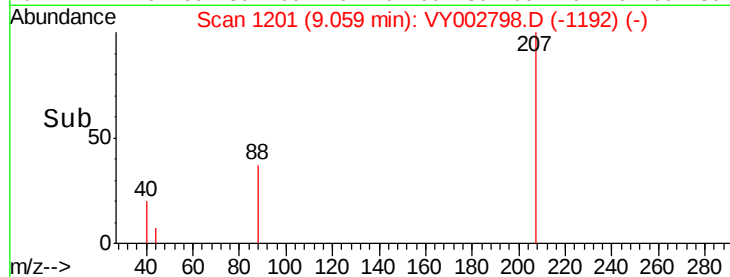
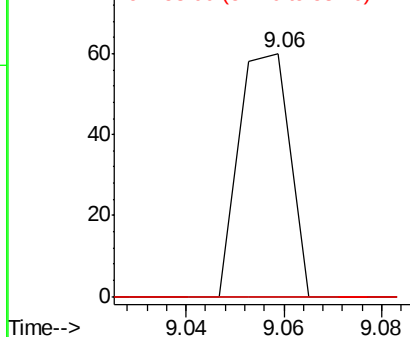
Acq: 29 May 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	88	Resp	43
Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.3	31.9#
58	0.0	52.2	78.2#



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 49.872 ug/l

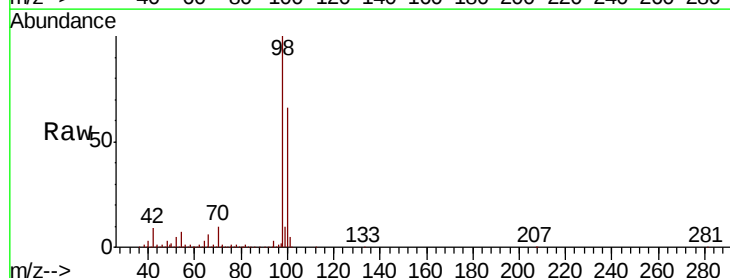
RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

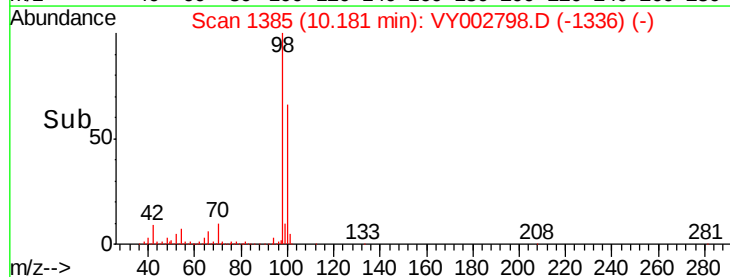
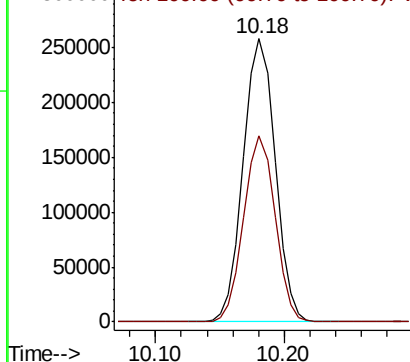
Lab File: VY002798.D

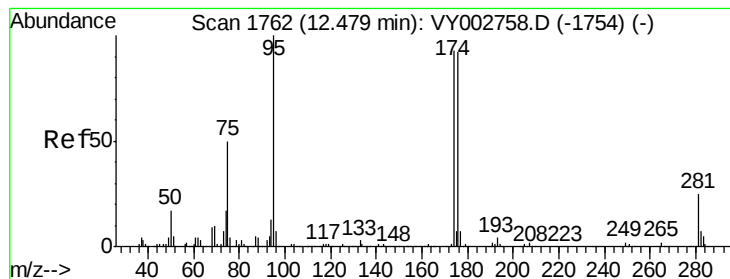
Acq: 29 May 2020 12:37

Tgt Ion	98	Resp	443898
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): VY0





#62

4-Bromofluorobenzene

Concen: 47.327 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

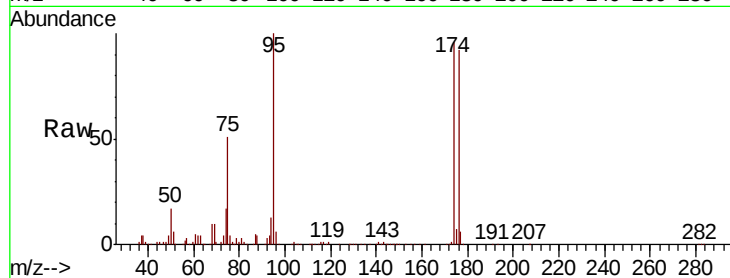
Tot Ion: 95 Resp: 143959

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.2

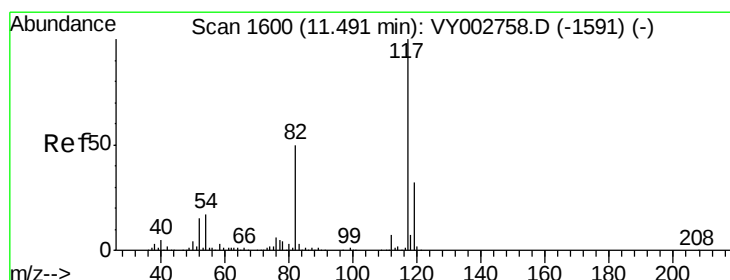
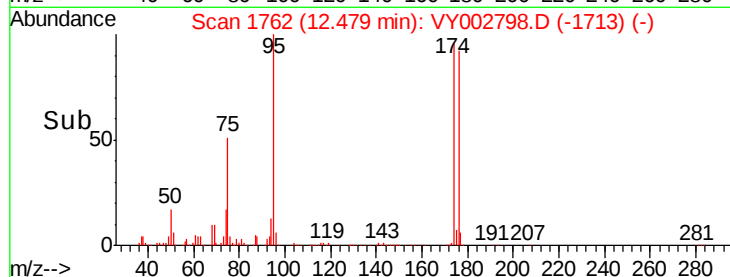
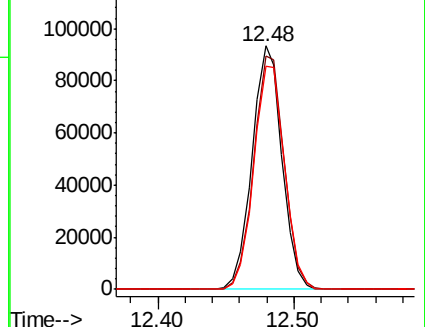
176 94.6 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002758.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002758.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002758.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

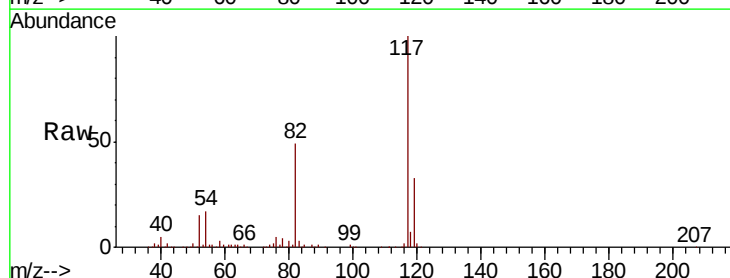
Tgt Ion: 117 Resp: 349232

Ion Ratio Lower Upper

117 100

82 49.4 40.2 60.4

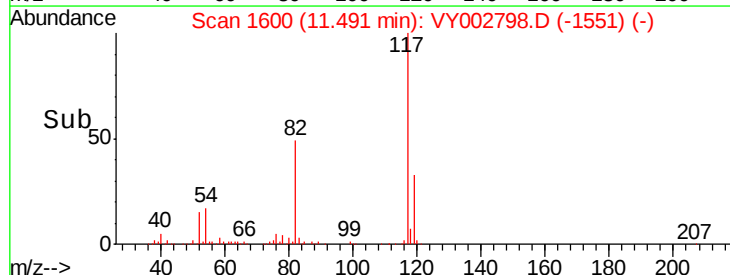
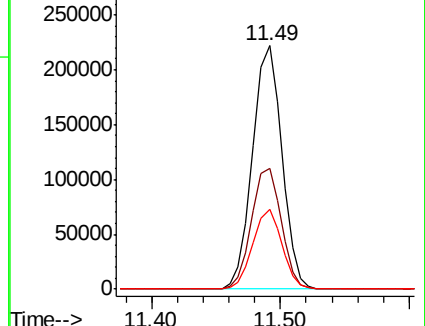
119 32.7 25.8 38.8

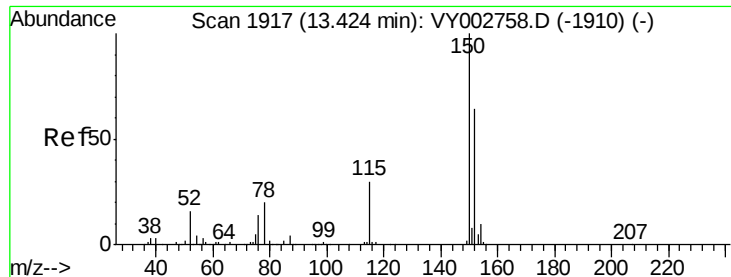


Abundance Ion 116.90 (116.60 to 117.60): VY002758.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002758.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002758.D (-1591) (-)



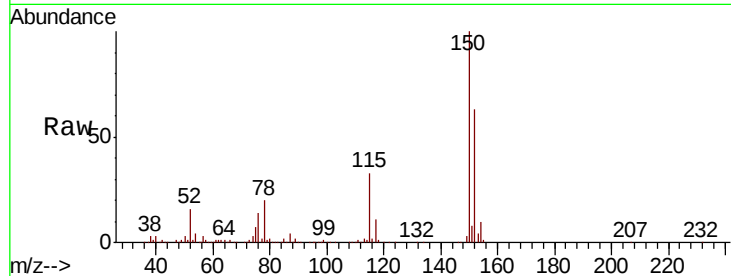


#72

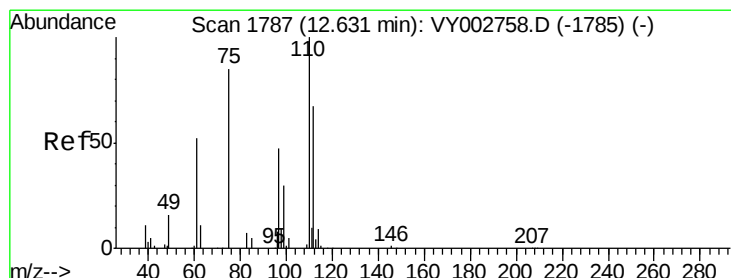
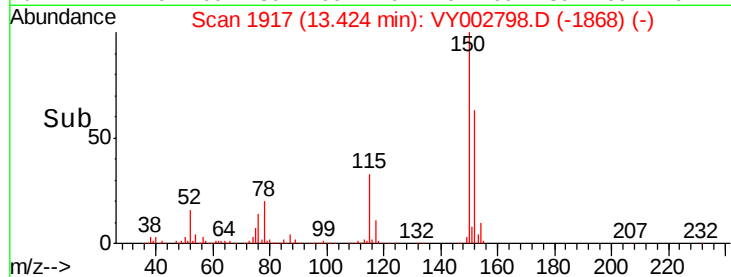
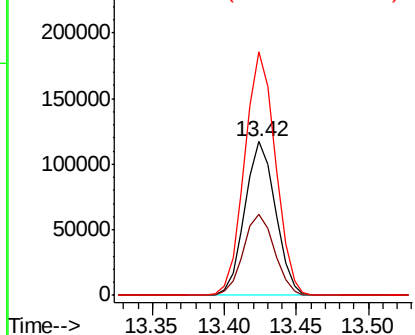
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002798.D
Acq: 29 May 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.0	81.0
150	159.2	0.0	344.8



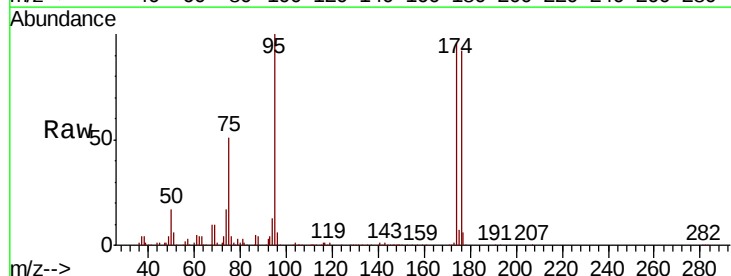
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



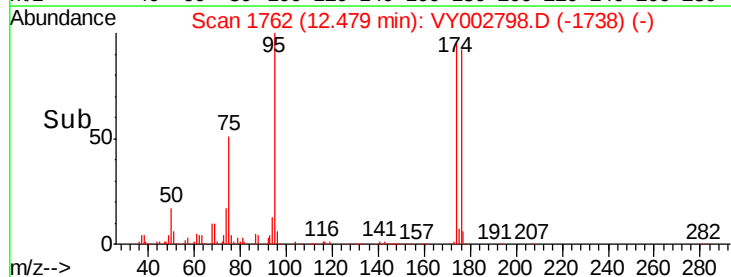
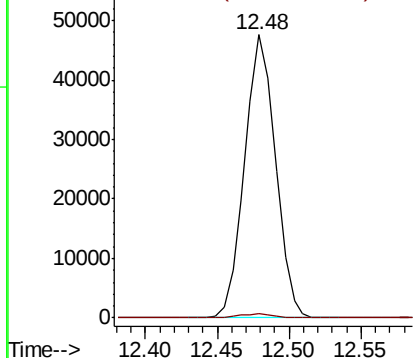
#76

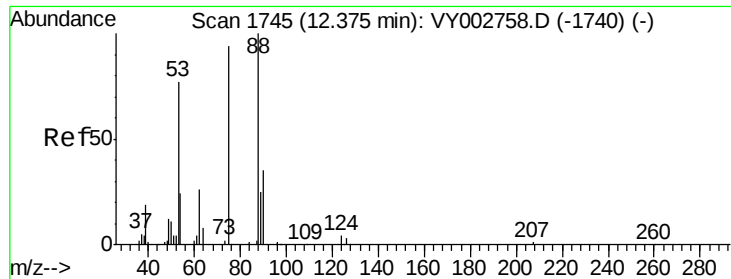
1,2,3-Trichloropropane
Concen: 45.265 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002798.D
Acq: 29 May 2020 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



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





#81

trans-1,4-Dichloro-2-butene

Concen: 85.278 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002798.D

Acq: 29 May 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 70600

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#

