

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018117.D
 Acq On : 02 May 2024 15:18
 Operator : SY/MD
 Sample : P2337-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:04:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	287453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	505877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	436165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108381	47.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.660%
35) Dibromofluoromethane	7.710	113	142138	48.893	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.780%
50) Toluene-d8	10.179	98	551995	48.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.483	95	170783	43.726	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.460%

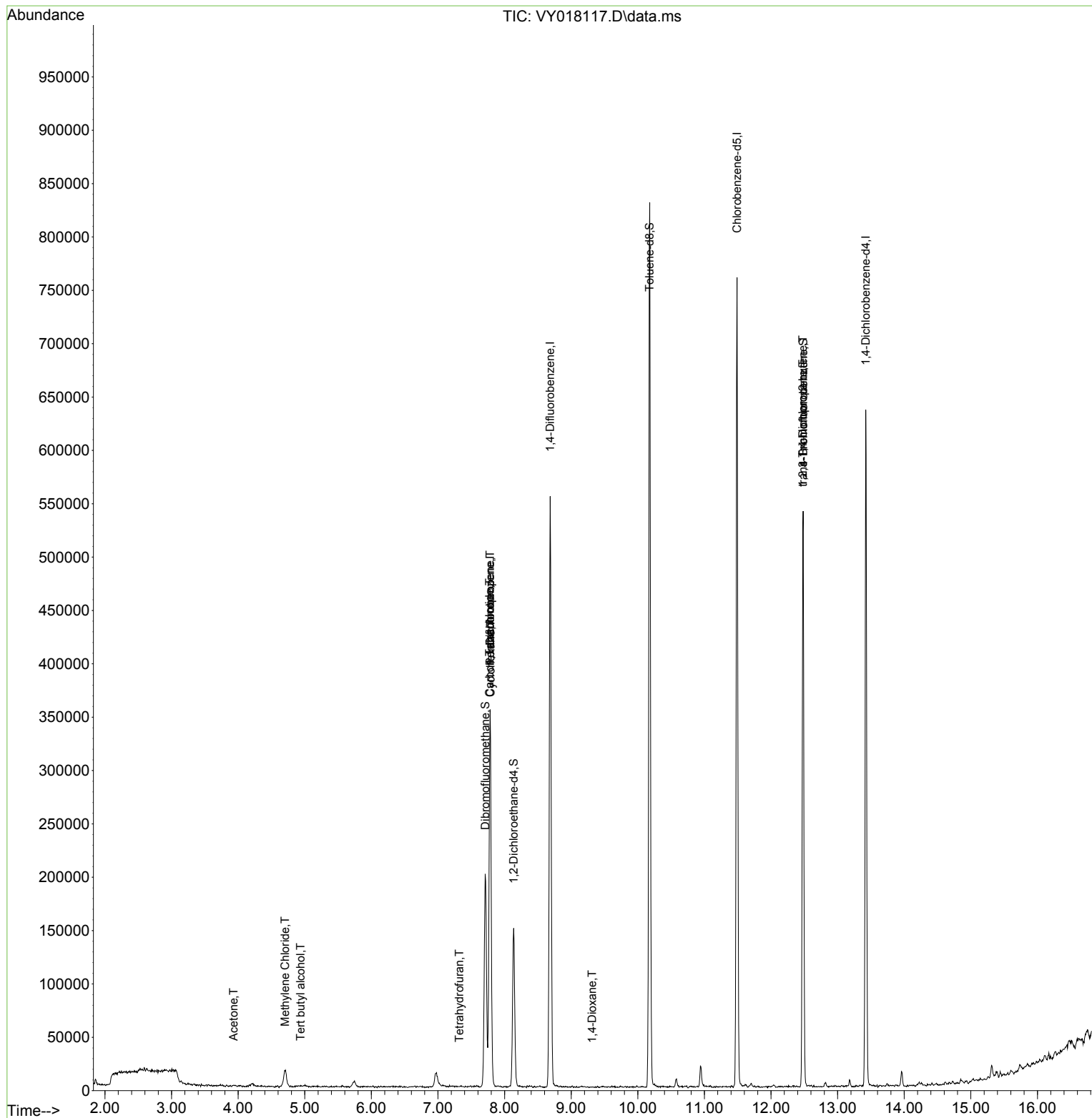
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	1166	6.314	ug/l #	1
16) Acetone	3.930	43	1684	3.901	ug/l #	77
20) Methylene Chloride	4.704	84	13352	4.414	ug/l #	91
29) Tetrahydrofuran	7.320	42	536	1.256	ug/l #	38
31) Cyclohexane	7.789	56	6318	1.455	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	19650	5.064	ug/l #	49
38) Carbon Tetrachloride	7.777	117	26004	5.904	ug/l #	16
49) 1,4-Dioxane	9.313	88	20	1.090	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	81620	57.795	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	81620	105.288	ug/l #	16

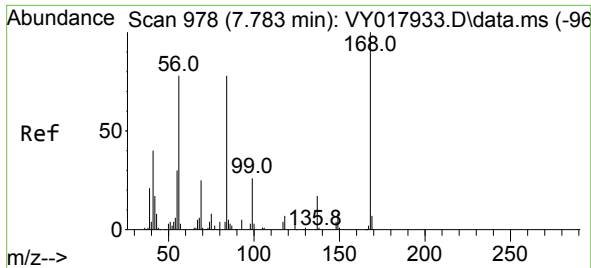
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

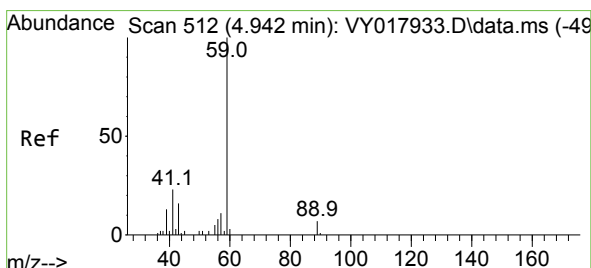
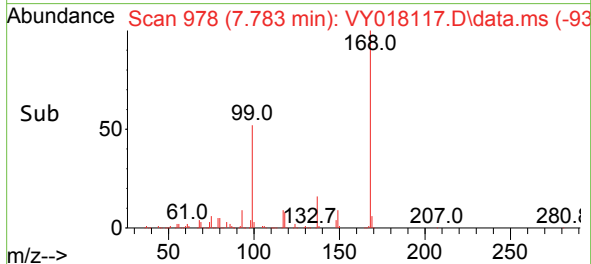
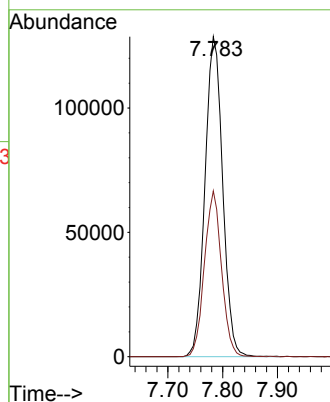
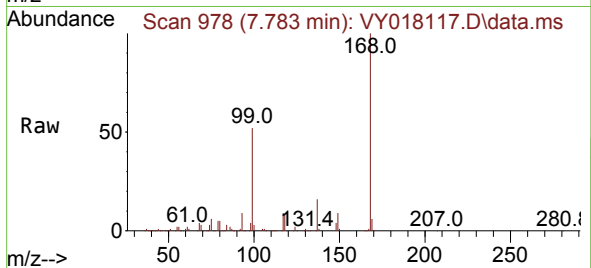




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018117.D
Acq: 02 May 2024 15:18

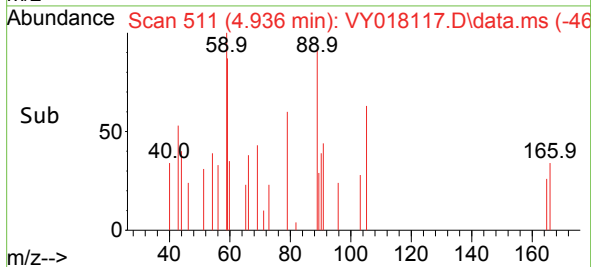
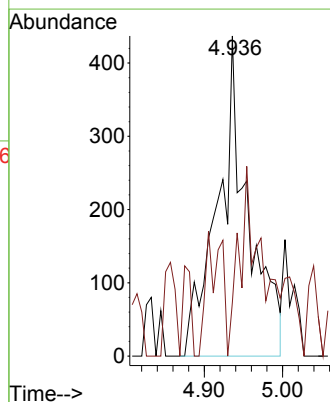
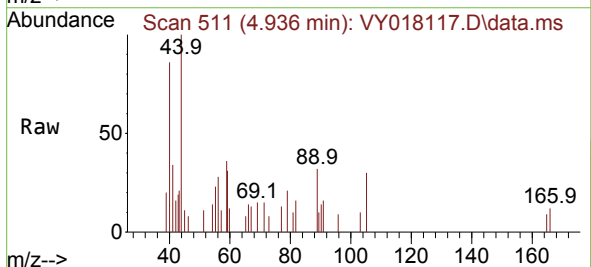
Instrument :
MSVOA_Y
ClientSampleId :

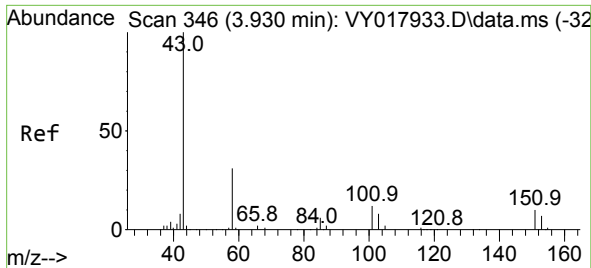
Tgt Ion:168 Resp: 287453
Ion Ratio Lower Upper
168 100
99 51.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 6.314 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018117.D
Acq: 02 May 2024 15:18

Tgt Ion: 59 Resp: 1166
Ion Ratio Lower Upper
59 100
57 41.2 3.0 4.6#





#16

Acetone

Concen: 3.901 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.018 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

Instrument :

MSVOA_Y

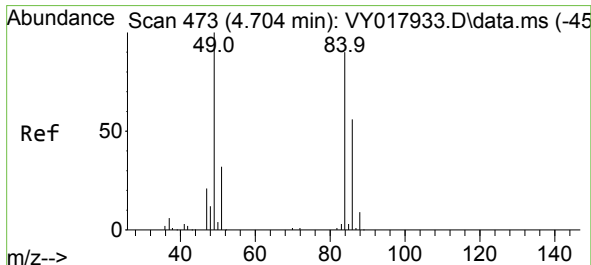
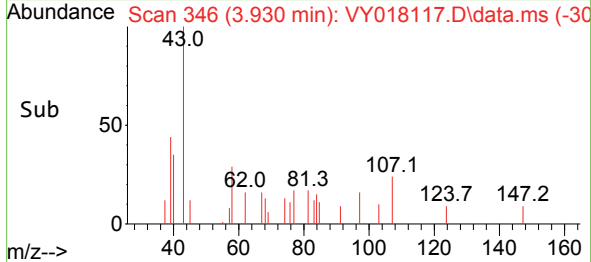
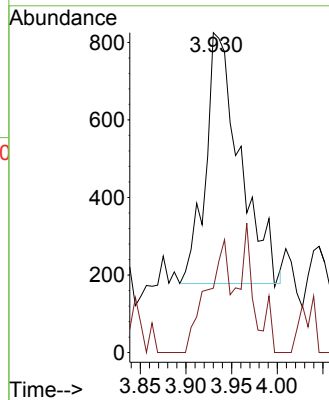
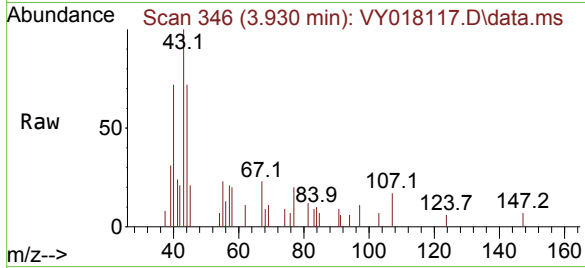
ClientSampleId :

Tgt Ion: 43 Resp: 1684

Ion Ratio Lower Upper

43 100

58 25.7 31.7 47.5#



#20

Methylene Chloride

Concen: 4.414 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

Tgt Ion: 84 Resp: 13352

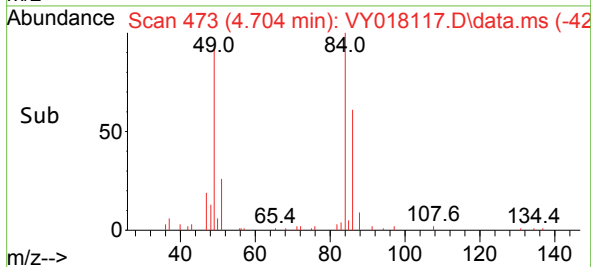
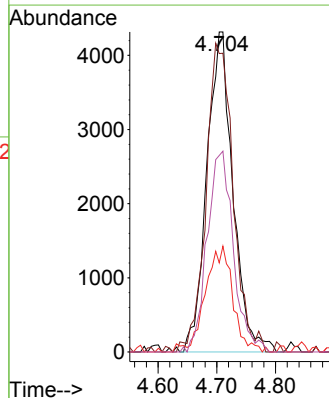
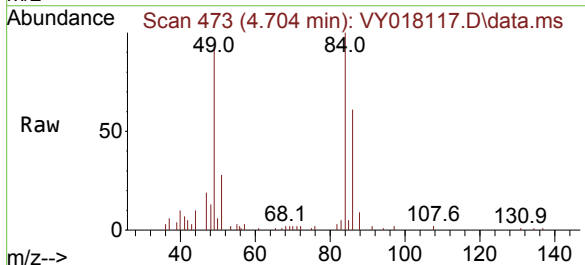
Ion Ratio Lower Upper

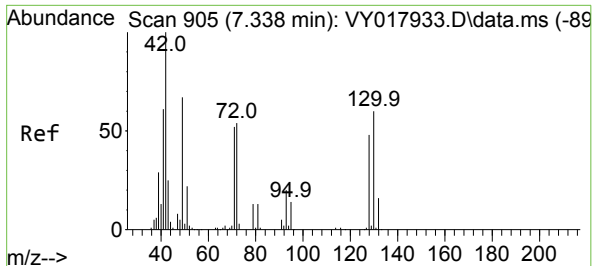
84 100

49 91.2 84.4 126.6

51 26.0 26.0 39.0#

86 61.4 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.256 ug/l

RT: 7.320 min Scan# 905

Delta R.T. -0.030 min

Lab File: VY018117.D

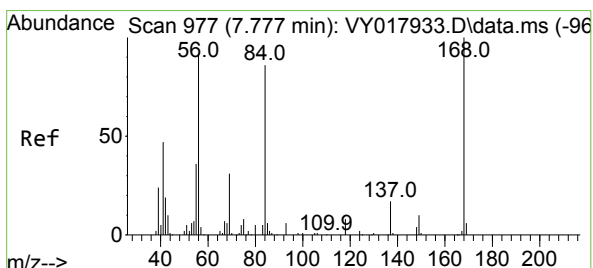
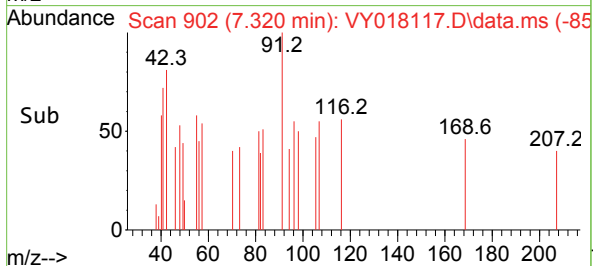
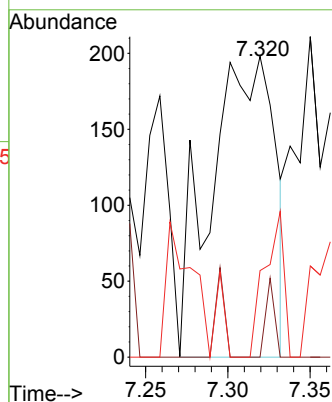
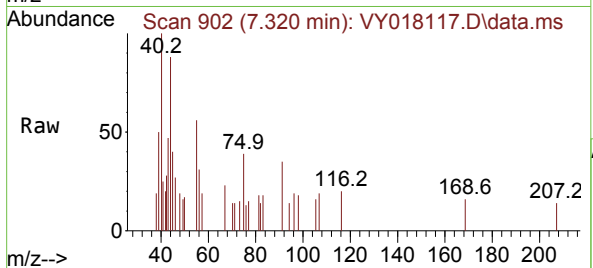
Acq: 02 May 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	536
Ion	Ratio	Lower	Upper
42	100		
72	3.5	43.0	64.4#
71	14.6	40.8	61.2#



#31

Cyclohexane

Concen: 1.455 ug/l

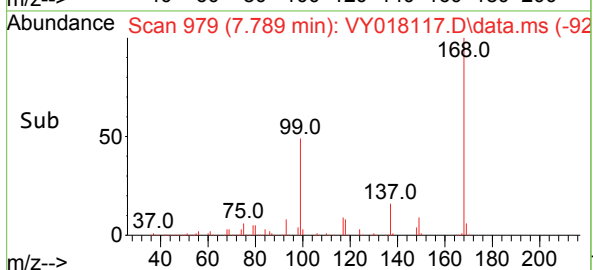
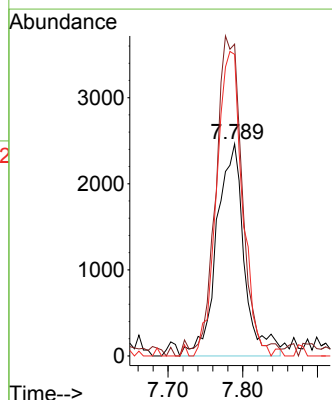
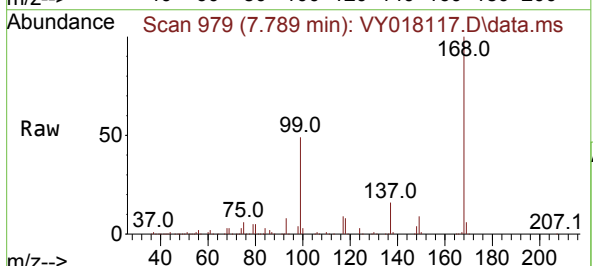
RT: 7.789 min Scan# 979

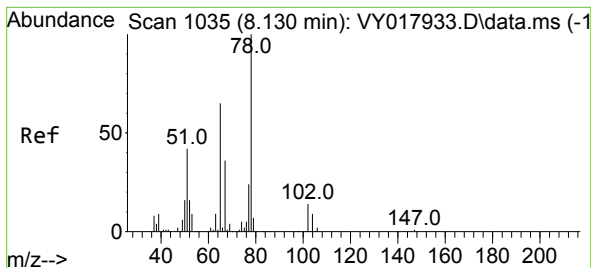
Delta R.T. 0.006 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

Tgt Ion:	56	Resp:	6318
Ion	Ratio	Lower	Upper
56	100		
69	147.1	28.7	43.1#
84	142.3	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 47.833 ug/l

RT: 8.137 min Scan# 1035

Delta R.T. -0.005 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

Instrument :

MSVOA_Y

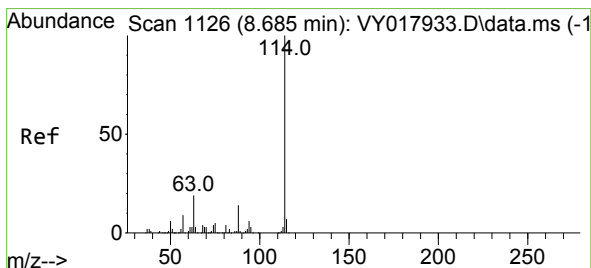
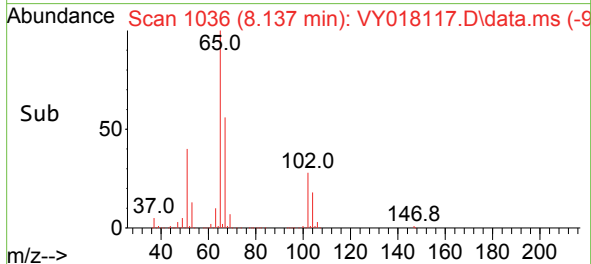
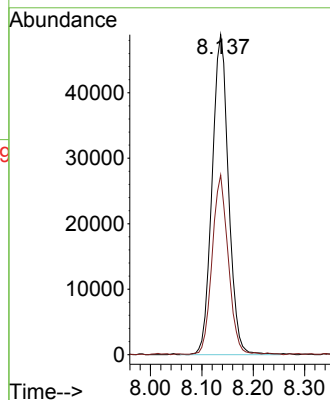
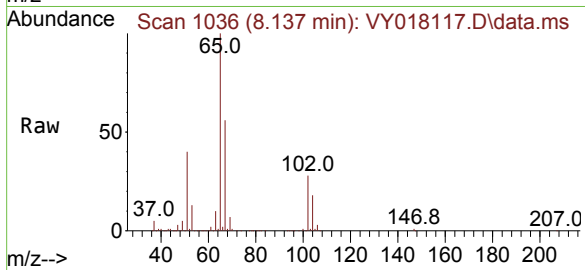
ClientSampleId :

Tgt Ion: 65 Resp: 108381

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

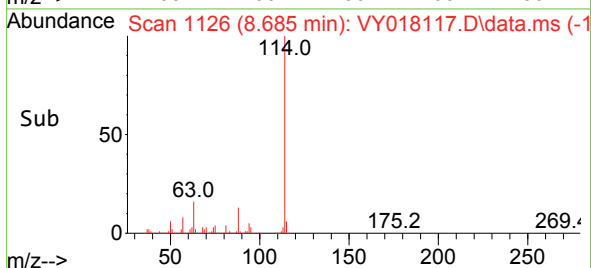
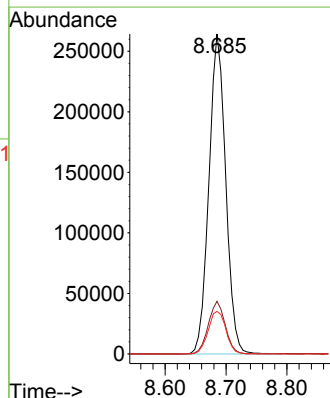
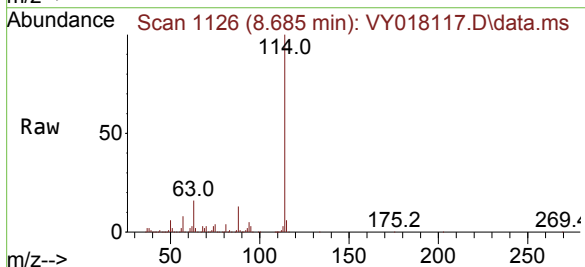
Tgt Ion: 114 Resp: 505877

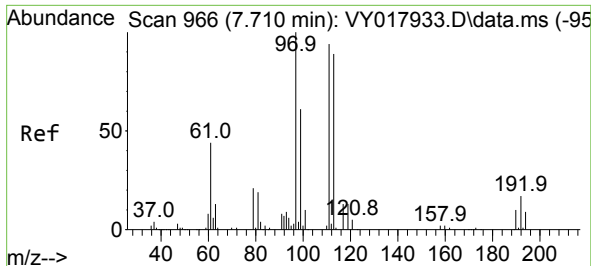
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

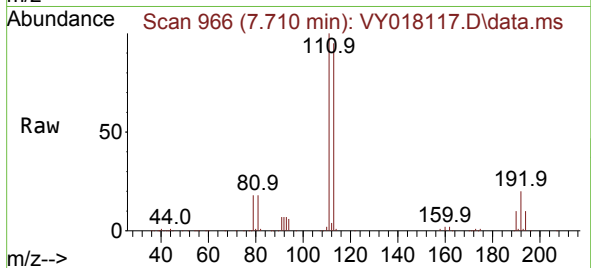
88 13.3 0.0 27.2



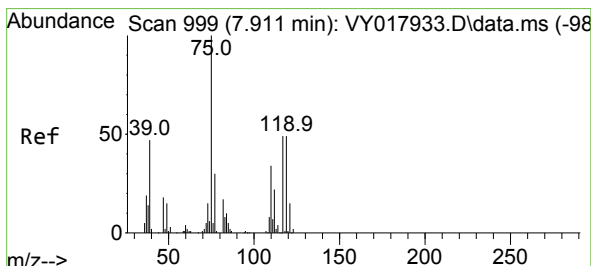
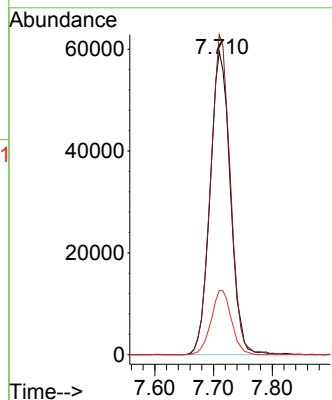
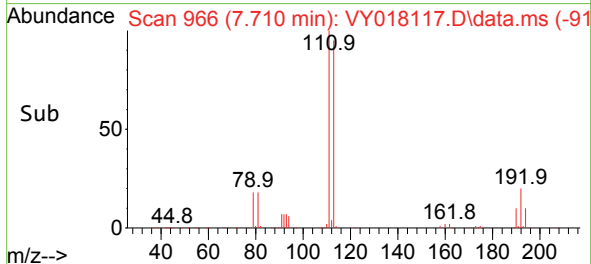


#35
Dibromofluoromethane
Concen: 48.893 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY018117.D
Acq: 02 May 2024 15:18

Instrument :
MSVOA_Y
ClientSampleId :

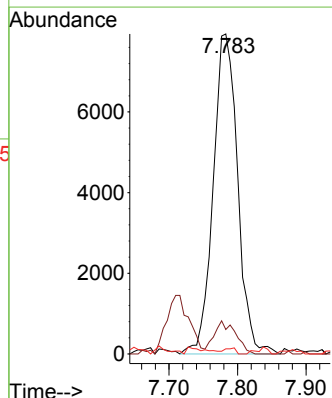
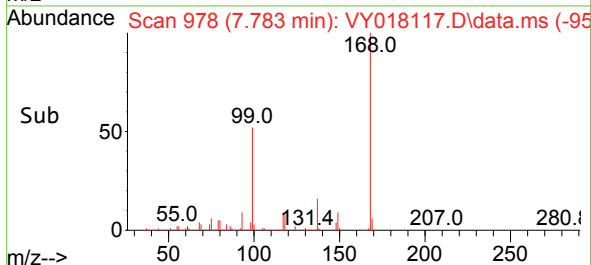
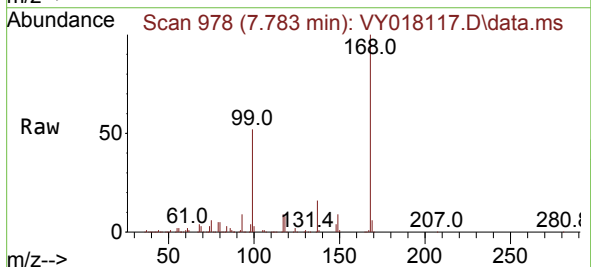


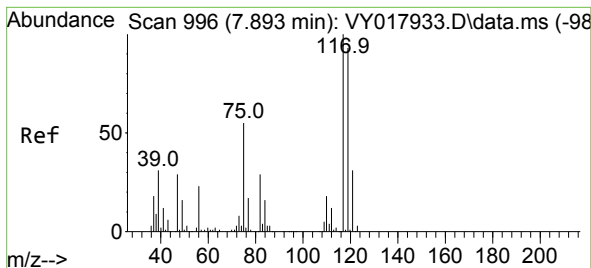
Tgt Ion:113 Resp: 142138
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 21.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018117.D
Acq: 02 May 2024 15:18

Tgt Ion: 75 Resp: 19650
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.9 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.904 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

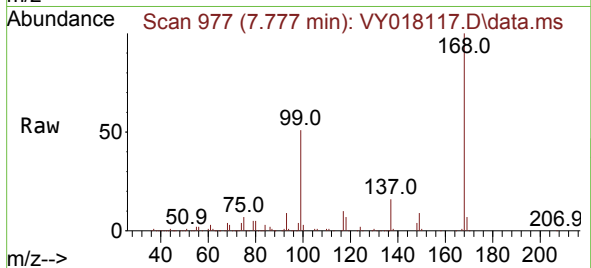
Lab File: VY018117.D

Acq: 02 May 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :



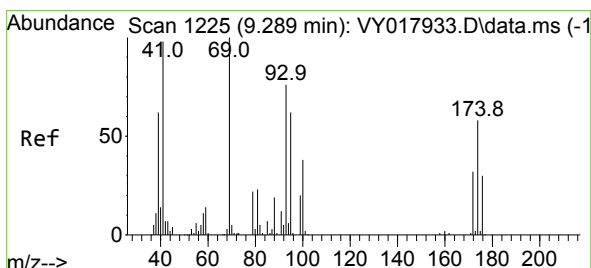
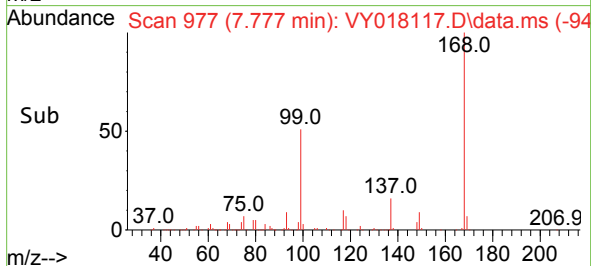
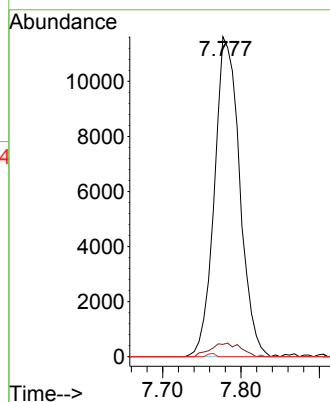
Tgt Ion:117 Resp: 26004

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 1.090 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

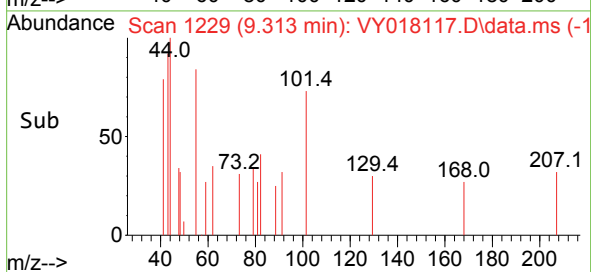
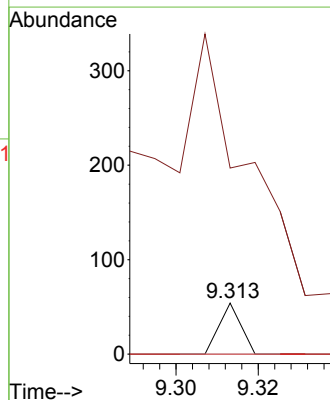
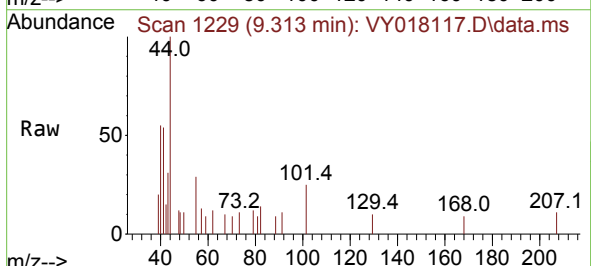
Tgt Ion: 88 Resp: 20

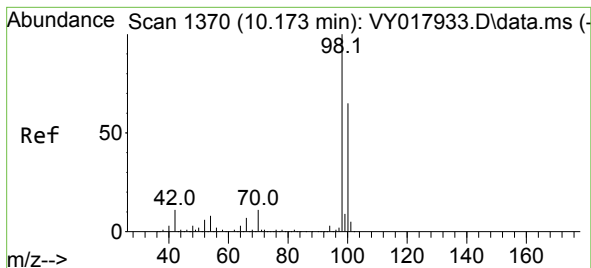
Ion Ratio Lower Upper

88 100

43 1155.0 0.0 0.0#

58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 48.637 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

Instrument :

MSVOA_Y

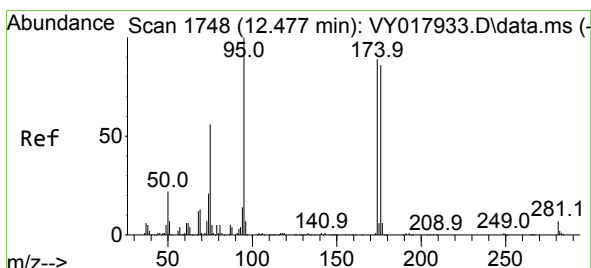
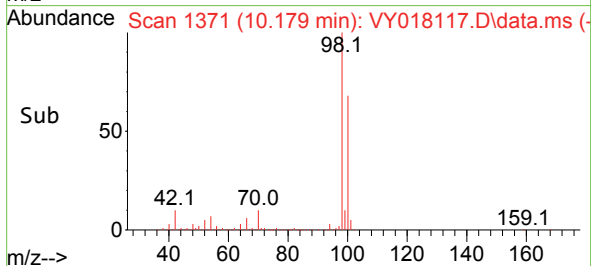
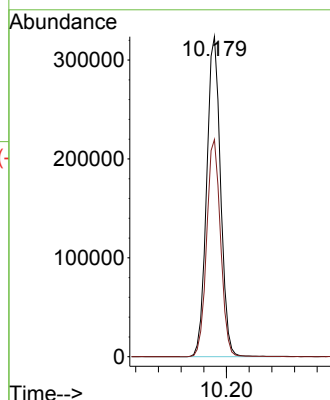
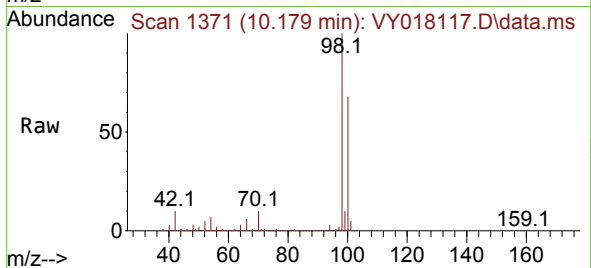
ClientSampleId :

Tgt Ion: 98 Resp: 551995

Ion Ratio Lower Upper

98 100

100 67.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.726 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

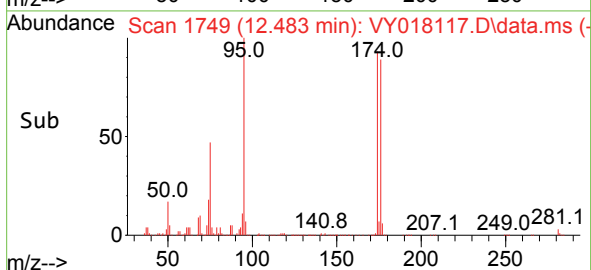
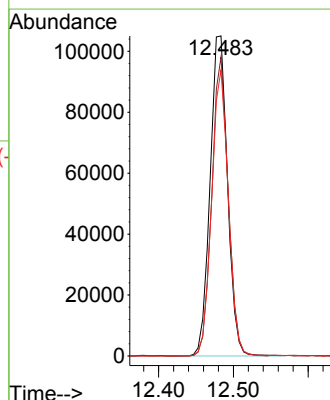
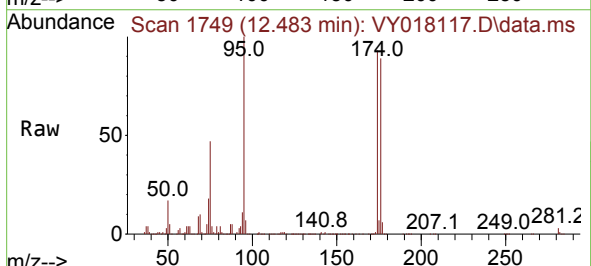
Tgt Ion: 95 Resp: 170783

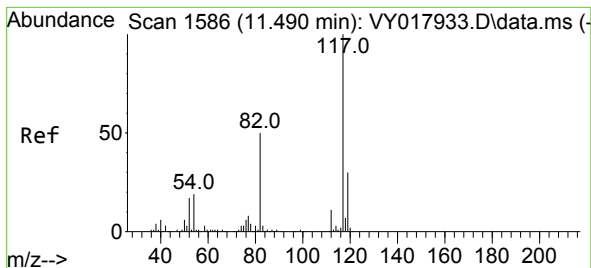
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.6

176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

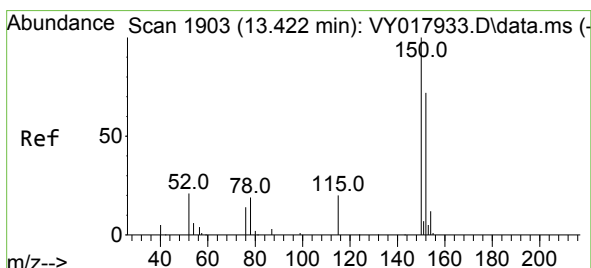
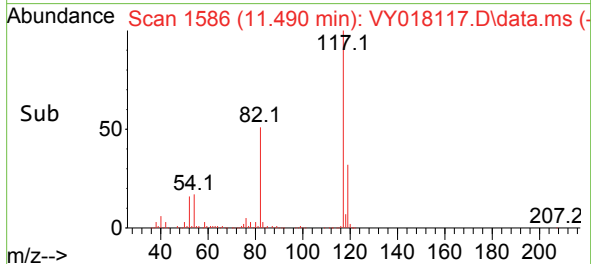
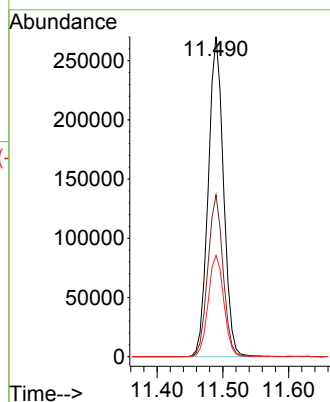
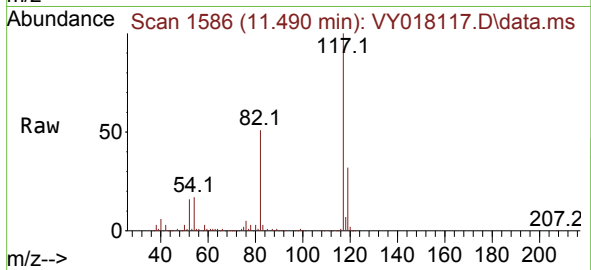
Tgt Ion:117 Resp: 436165

Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018117.D

Acq: 02 May 2024 15:18

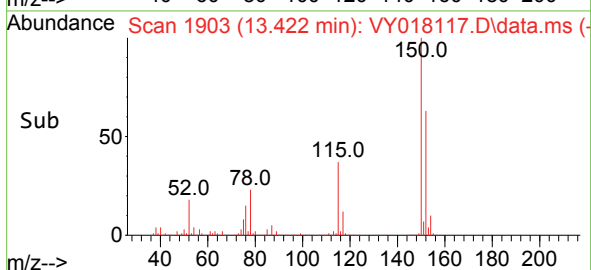
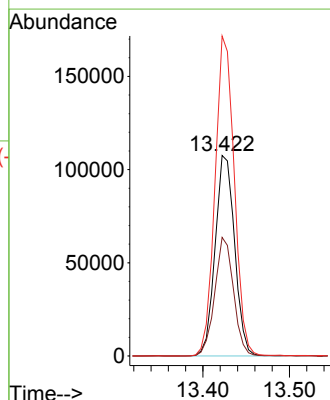
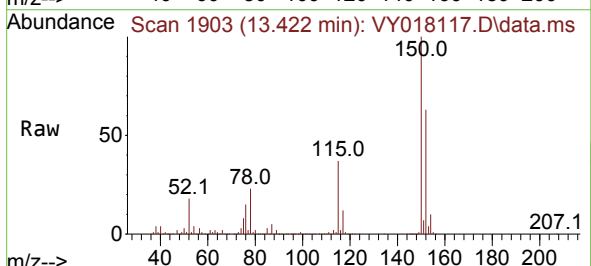
Tgt Ion:152 Resp: 168274

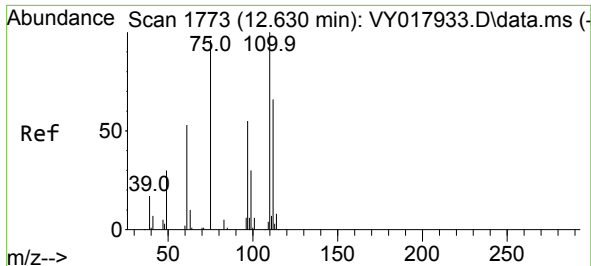
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 157.7 0.0 345.6

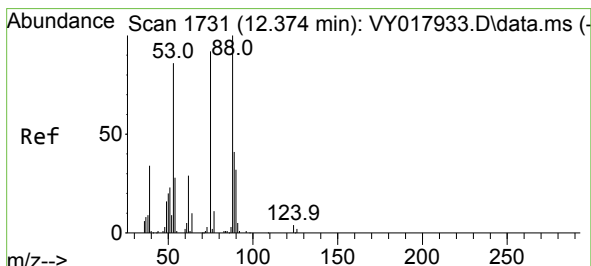
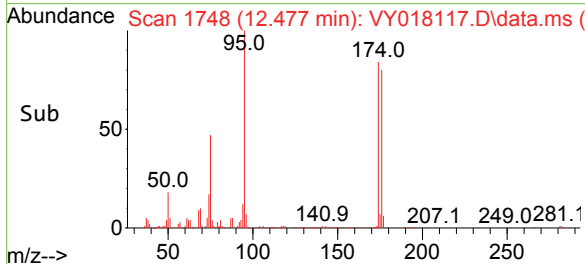
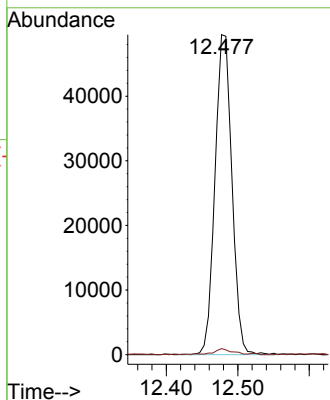
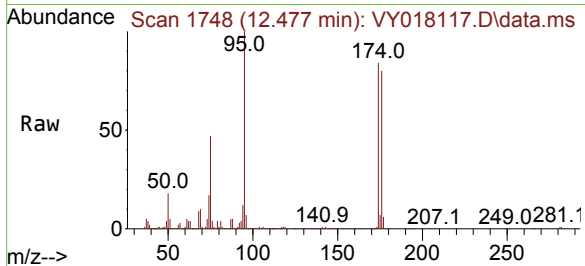




#76
1,2,3-Trichloropropane
Concen: 57.795 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018117.D
Acq: 02 May 2024 15:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 81620
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.288 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018117.D
Acq: 02 May 2024 15:18

Tgt Ion: 75 Resp: 81620
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

