

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017867.D
 Acq On : 05 Apr 2024 13:43
 Operator : SY/MD
 Sample : P1996-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1RE

Quant Time: Apr 06 04:47:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1876	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1898	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	144	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1199	73.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.720%
35) Dibromofluoromethane	7.728	113	722	42.615	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.240%
50) Toluene-d8	10.191	98	3079	48.651	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.300%
62) 4-Bromofluorobenzene	12.495	95	260	13.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	27.000%#

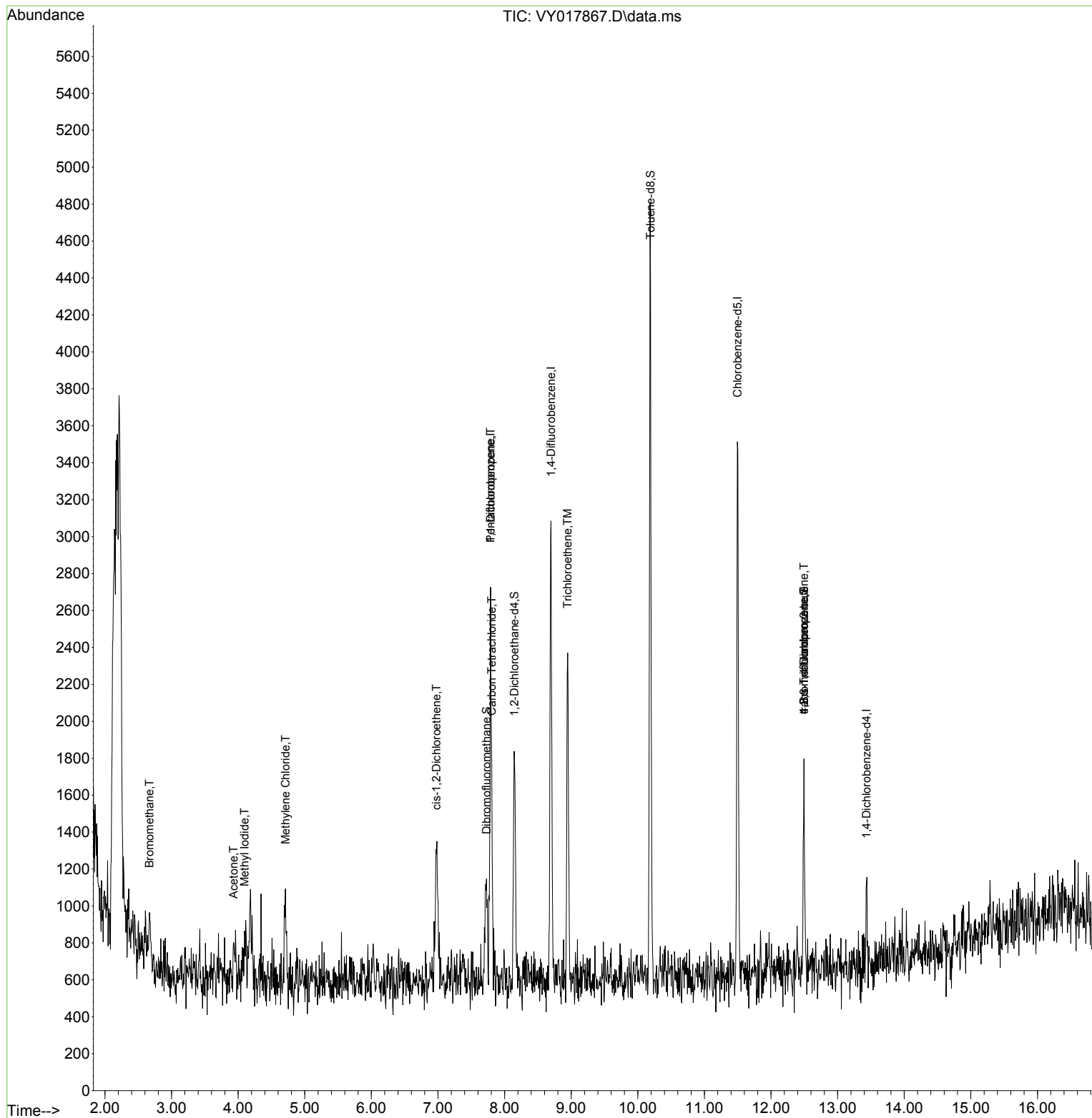
Target Compounds						Qvalue
5) Bromomethane	2.668	94	161	6.222	ug/l	# 72
10) Methyl Iodide	4.094	142	381	18.720	ug/l	# 61
16) Acetone	3.930	43	201	59.899	ug/l	# 36
20) Methylene Chloride	4.710	84	313	13.271	ug/l	# 84
27) cis-1,2-Dichloroethene	6.978	96	92	4.154	ug/l	# 5
36) 1,1-Dichloropropene	7.789	75	91	3.681	ug/l	# 40
38) Carbon Tetrachloride	7.807	117	102	3.975	ug/l	# 13
44) Trichloroethene	8.947	130	689	34.762	ug/l	78
76) 1,2,3-Trichloropropane	12.495	75	159	121.170	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	159	190.069	ug/l	# 16

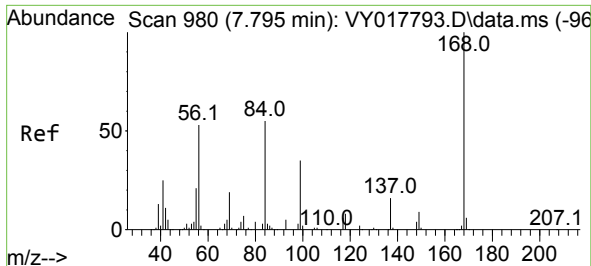
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

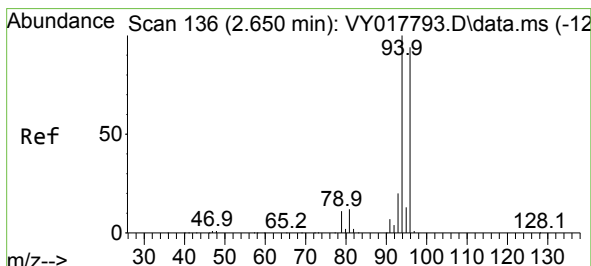
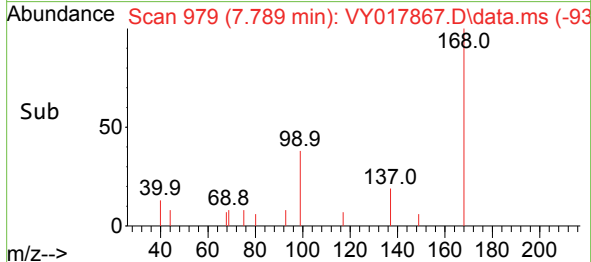
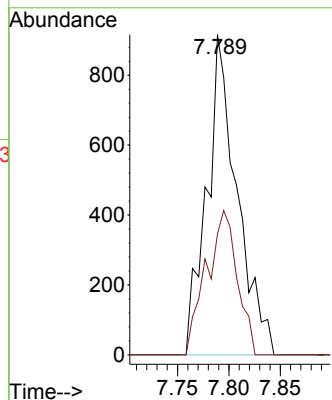
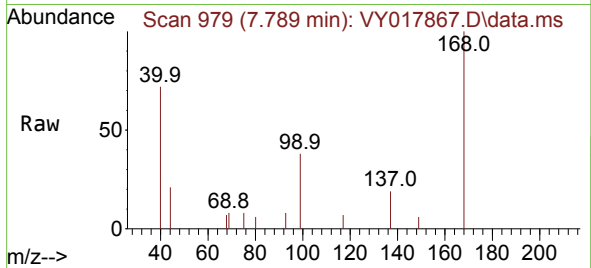




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

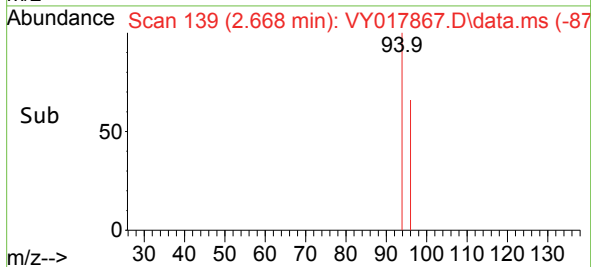
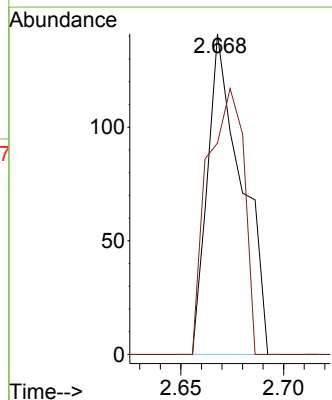
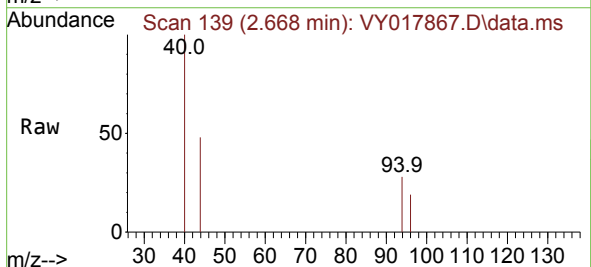
Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

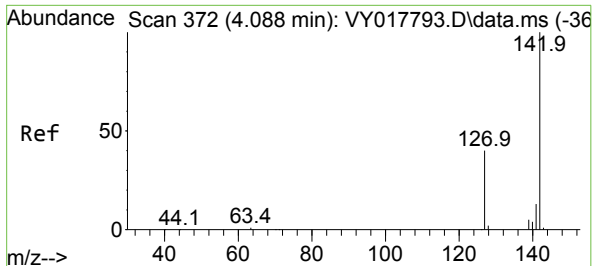
Tgt Ion:168 Resp: 1876
Ion Ratio Lower Upper
168 100
99 37.8 39.1 58.7#



#5
Bromomethane
Concen: 6.222 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 66.0 74.1 111.1#

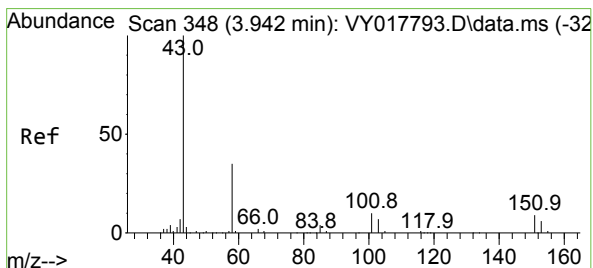
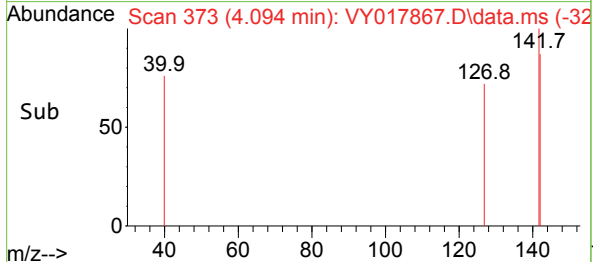
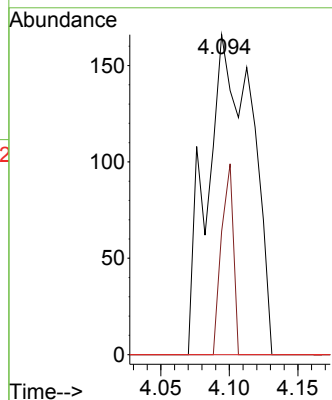
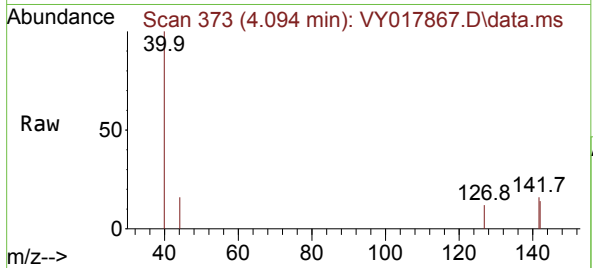




#10
Methyl Iodide
Concen: 18.720 ug/l
RT: 4.094 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

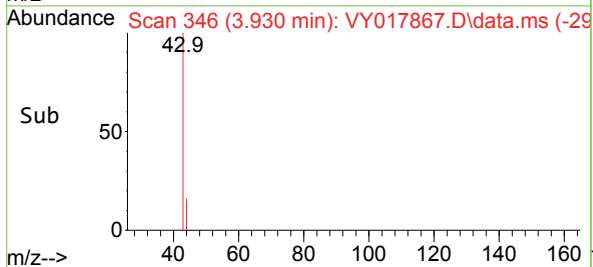
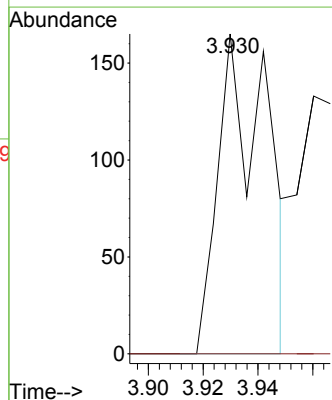
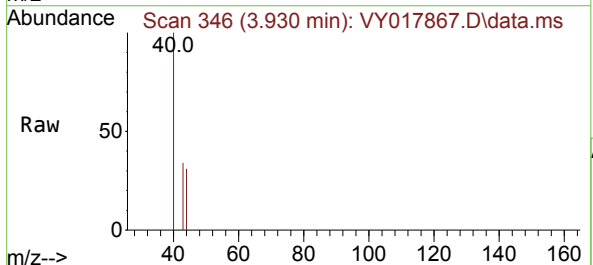
Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

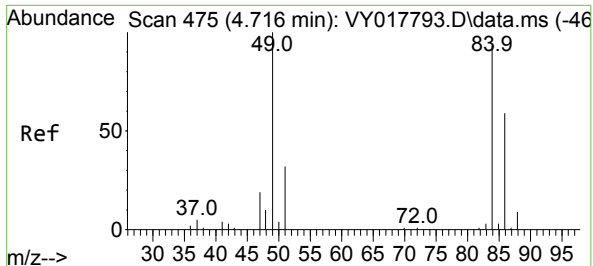
Tgt Ion:142 Resp: 381
Ion Ratio Lower Upper
142 100
127 15.7 32.8 49.2#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 59.899 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



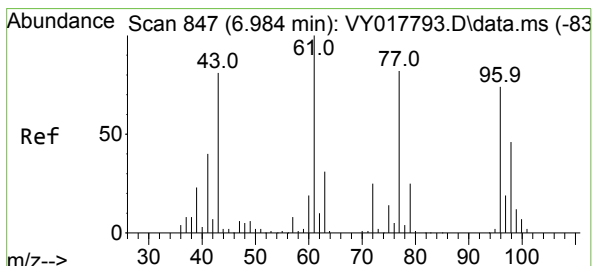
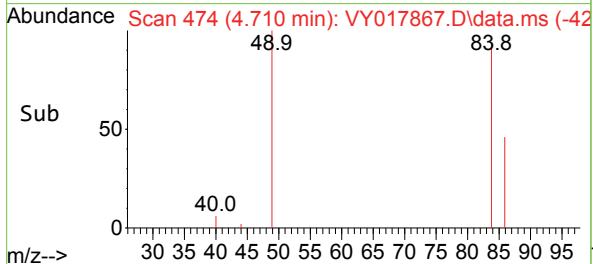
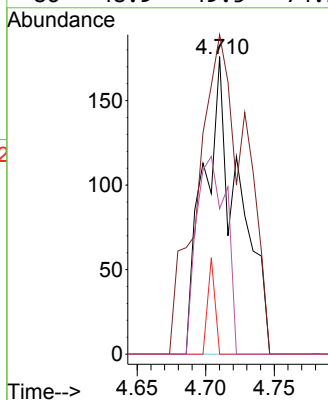
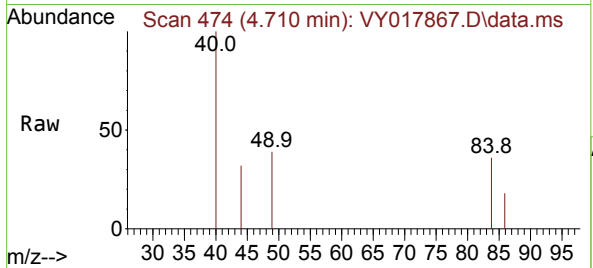


#20
Methylene Chloride
Concen: 13.271 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

Tgt Ion: 84 Resp: 313

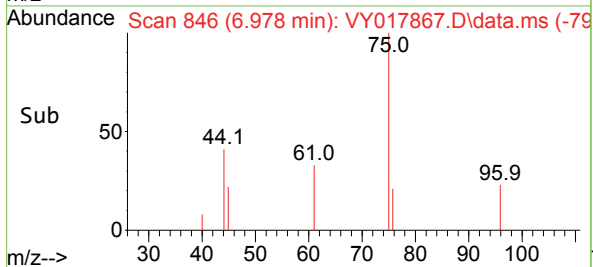
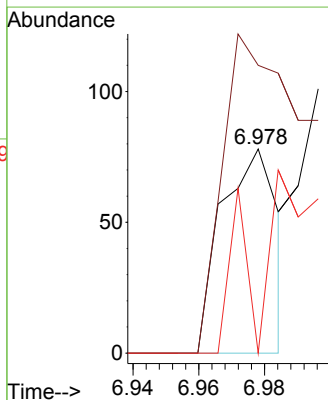
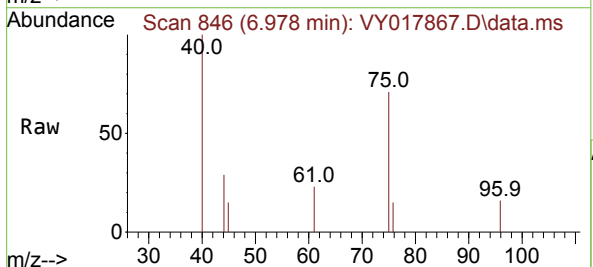
Ion	Ratio	Lower	Upper
84	100		
49	107.4	84.4	126.6
51	0.0	26.0	39.0#
86	48.9	49.5	74.3#

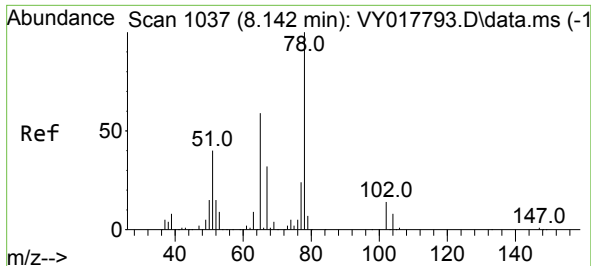


#27
cis-1,2-Dichloroethene
Concen: 4.154 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion: 96 Resp: 92

Ion	Ratio	Lower	Upper
96	100		
61	270.7	0.0	256.2#
98	96.7	0.0	130.0





#33

1,2-Dichloroethane-d4

Concen: 73.859 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017867.D

Acq: 05 Apr 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

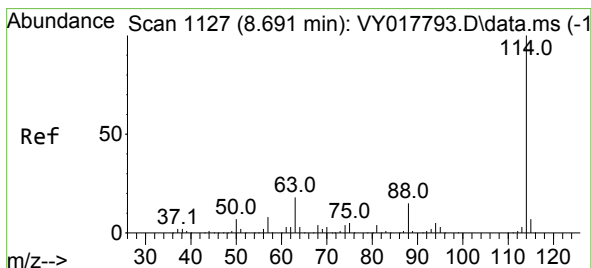
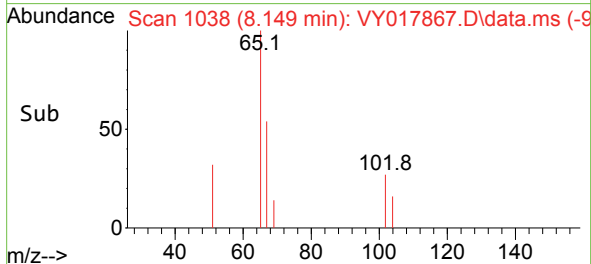
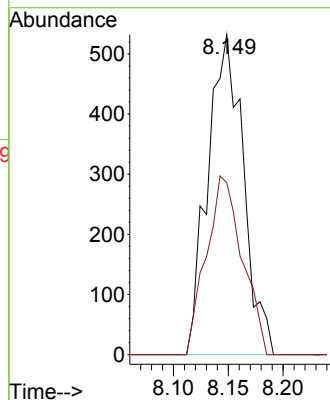
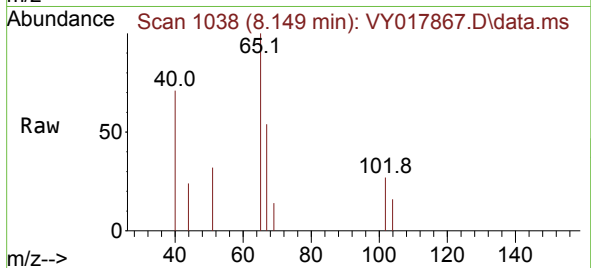
TP1RE

Tgt Ion: 65 Resp: 1199

Ion Ratio Lower Upper

65 100

67 56.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017867.D

Acq: 05 Apr 2024 13:43

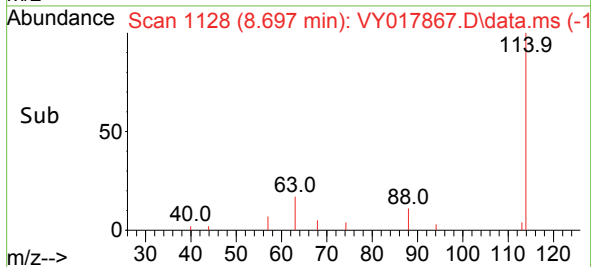
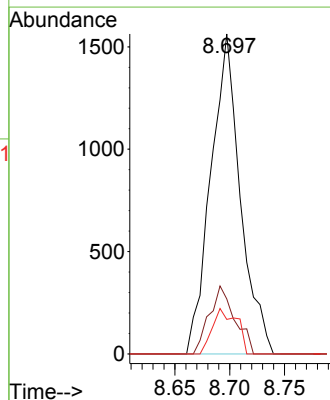
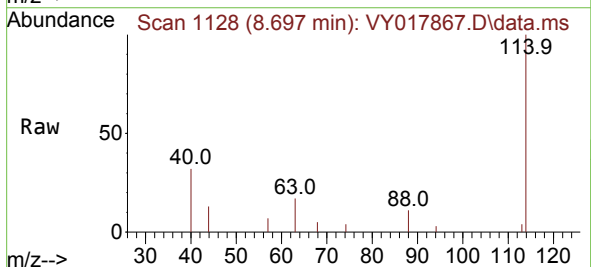
Tgt Ion: 114 Resp: 2932

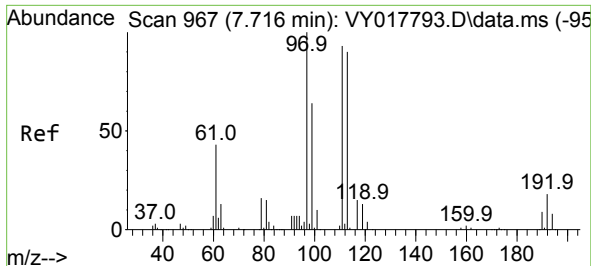
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 10.8 0.0 27.2

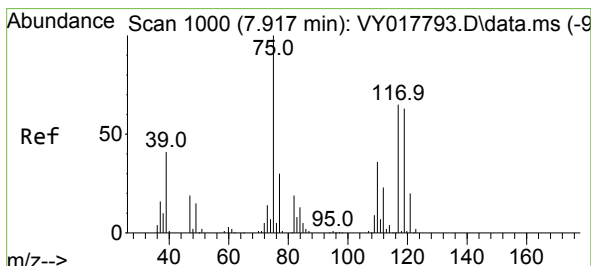
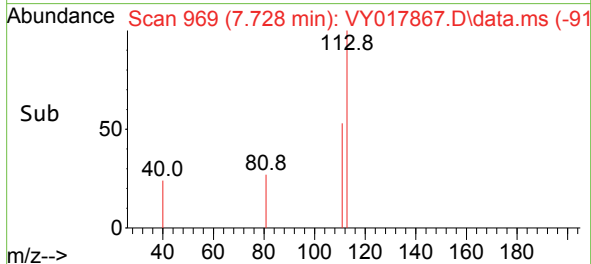
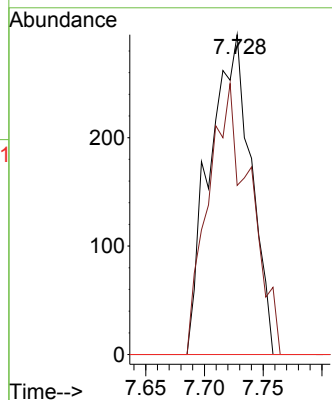
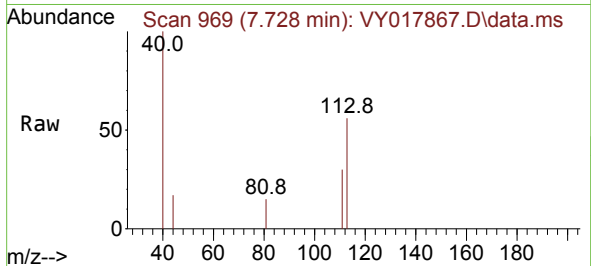




#35
Dibromofluoromethane
Concen: 42.615 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

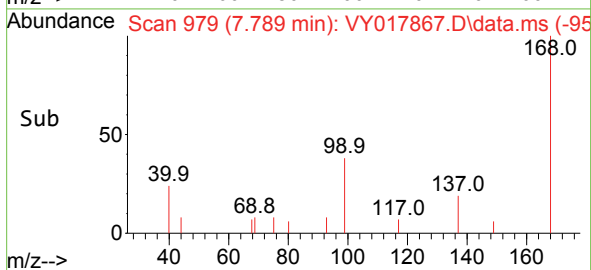
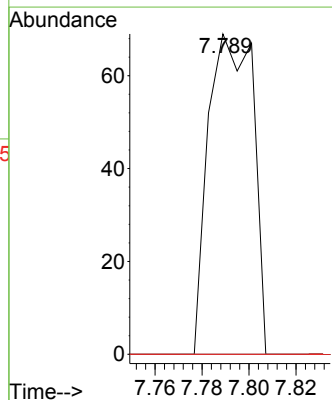
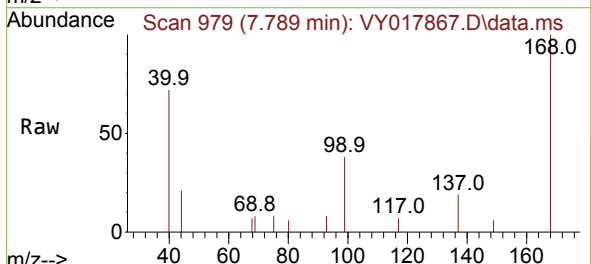
Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

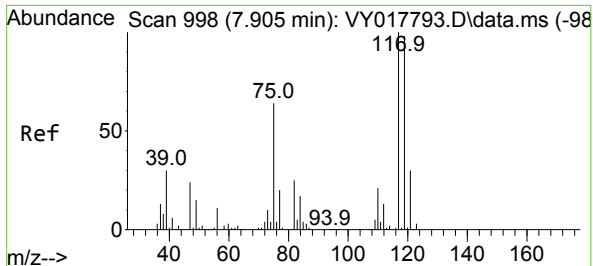
Tgt Ion:113 Resp: 722
Ion Ratio Lower Upper
113 100
111 86.3 82.2 123.4
192 0.0 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 3.681 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

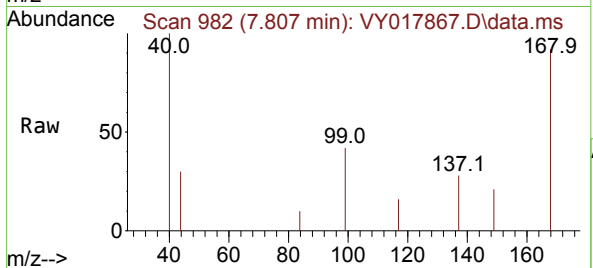
Tgt Ion: 75 Resp: 91
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



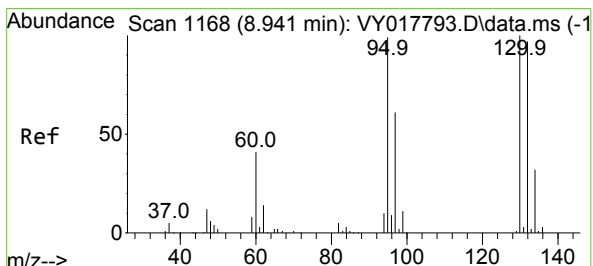
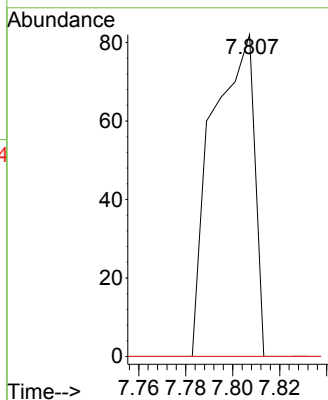
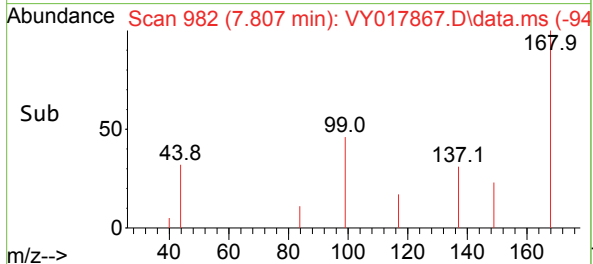


#38
Carbon Tetrachloride
Concen: 3.975 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

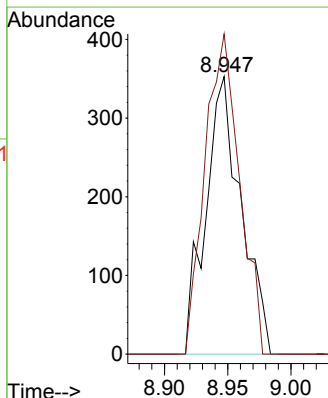
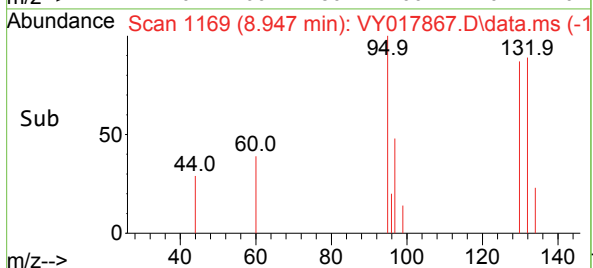
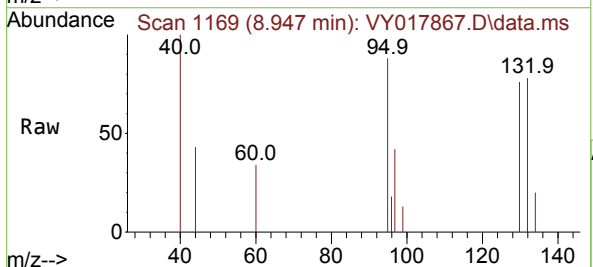


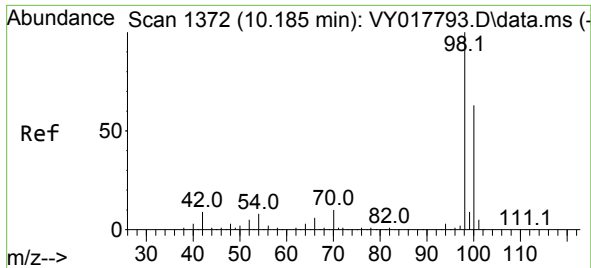
Tgt Ion:117 Resp: 102
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#44
Trichloroethene
Concen: 34.762 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion:130 Resp: 689
Ion Ratio Lower Upper
130 100
95 115.3 0.0 188.0

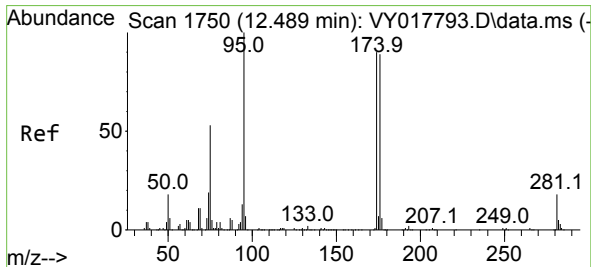
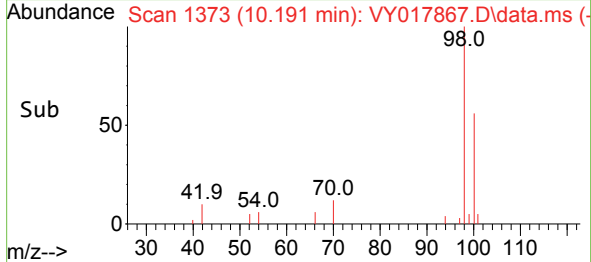
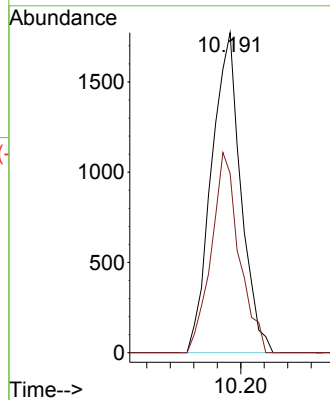
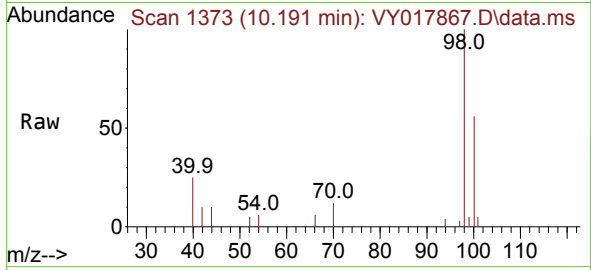




#50
Toluene-d8
Concen: 48.651 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

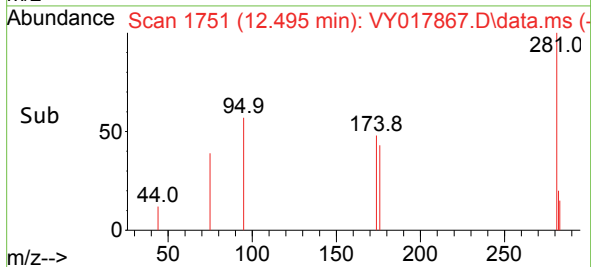
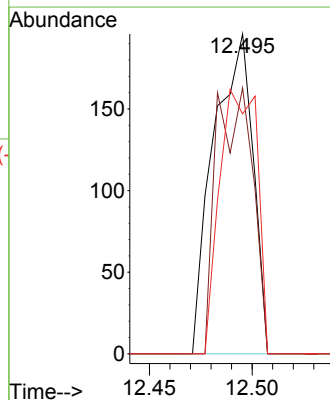
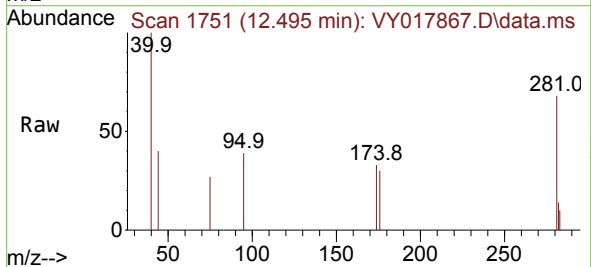
Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

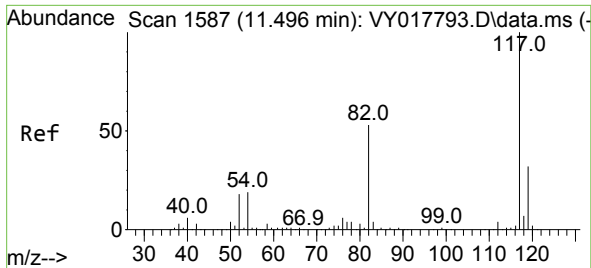
Tgt Ion: 98 Resp: 3079
Ion Ratio Lower Upper
98 100
100 59.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 13.503 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion: 95 Resp: 260
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 78.8 0.0 171.4

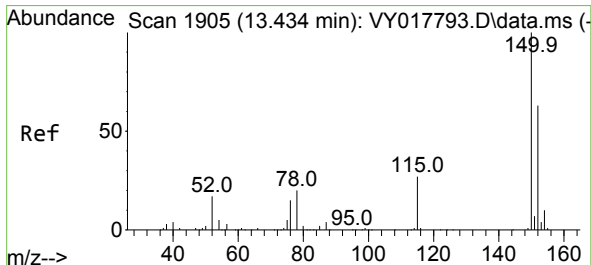
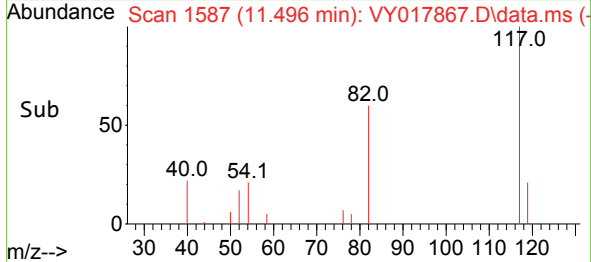
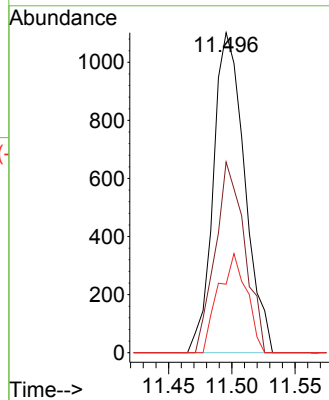
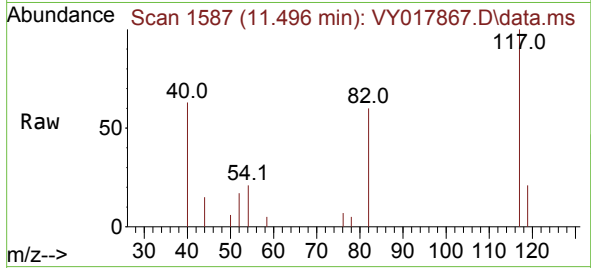




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

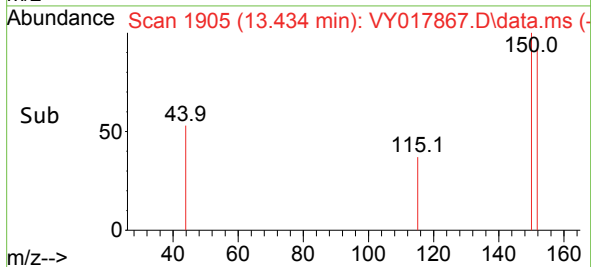
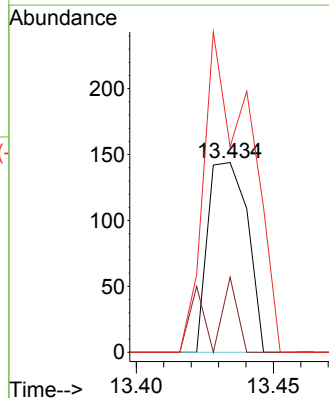
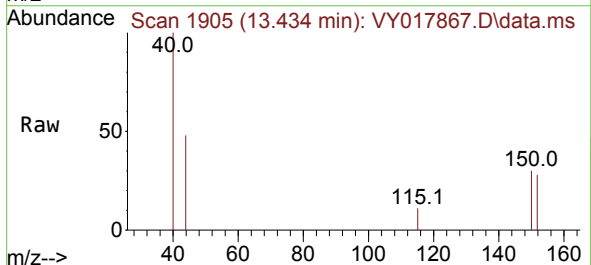
Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

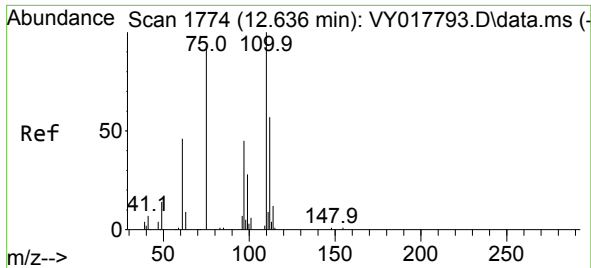
Tgt Ion:117 Resp: 1898
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 21.4 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion:152 Resp: 144
Ion Ratio Lower Upper
152 100
115 12.5 28.2 84.7#
150 194.4 0.0 345.6

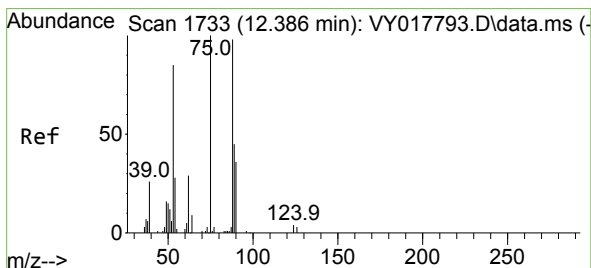
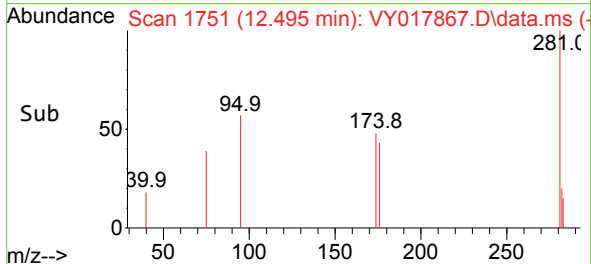
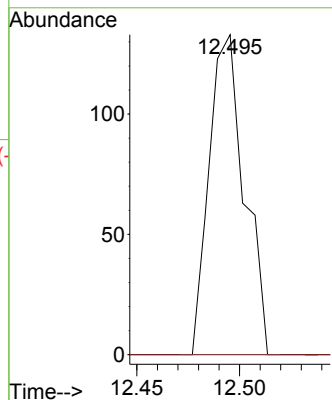
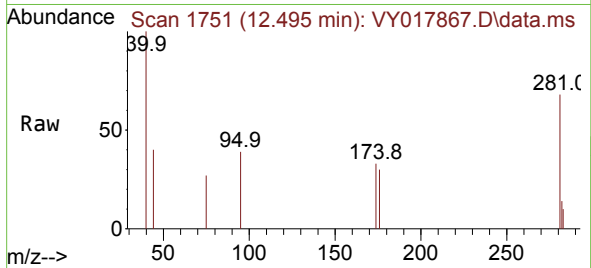




#76
1,2,3-Trichloropropane
Concen: 121.170 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :
TP1RE

Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 190.069 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY017867.D
Acq: 05 Apr 2024 13:43

Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

