

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017157.D
 Acq On : 31 Jan 2024 14:01
 Operator : SY/MD
 Sample : P1295-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024RE

Quant Time: Jan 31 22:59:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

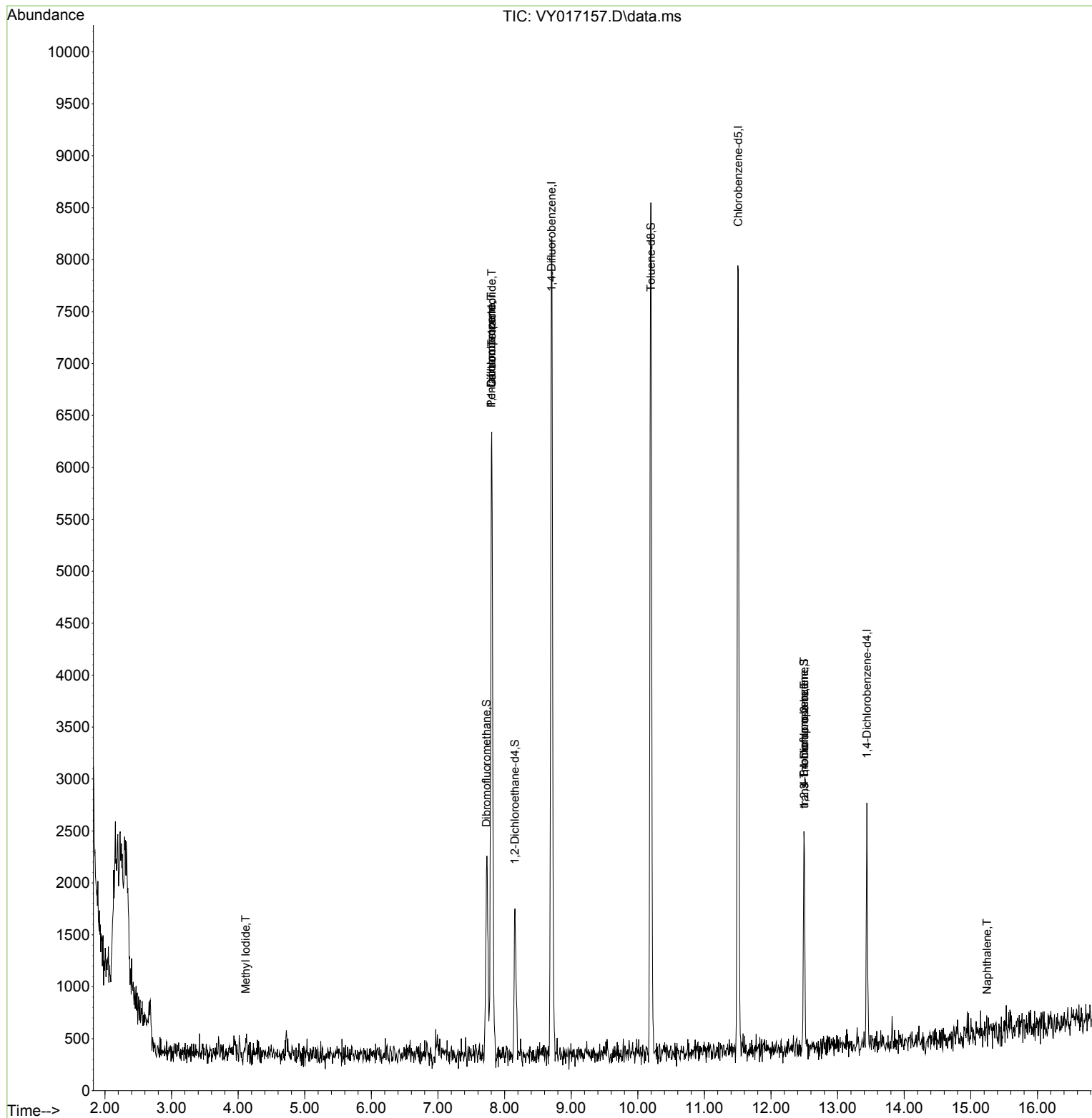
Internal Standards						
1) Pentafluorobenzene	7.801	168	4994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	7207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	4568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1283	26.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	52.740%
35) Dibromofluoromethane	7.728	113	1552	35.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.360%
50) Toluene-d8	10.197	98	6088	37.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.120%
62) 4-Bromofluorobenzene	12.495	95	918	18.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.280%
Target Compounds						Qvalue
3) Chloromethane	2.119	50	65	Below Cal	#	41
4) Vinyl Chloride	2.296	62	122	Below Cal	#	43
5) Bromomethane	2.668	94	48	Below Cal	#	1
10) Methyl Iodide	4.113	142	251	4.730	ug/l #	49
16) Acetone	3.954	43	118	Below Cal	#	41
20) Methylene Chloride	4.729	84	110	Below Cal	#	79
31) Cyclohexane	7.801	56	27	Below Cal	#	8
36) 1,1-Dichloropropene	7.801	75	362	5.058	ug/l #	42
38) Carbon Tetrachloride	7.807	117	556	7.928	ug/l #	12
76) 1,2,3-Trichloropropane	12.502	75	403	47.567	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	403	123.144	ug/l #	12
95) Naphthalene	15.245	128	20	1.035	ug/l #	69

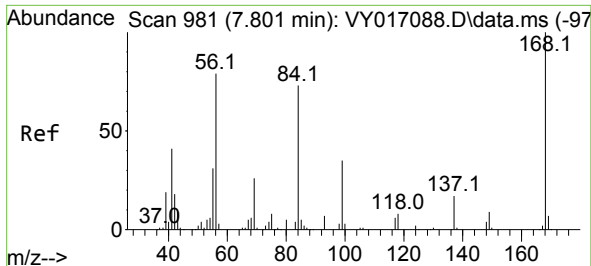
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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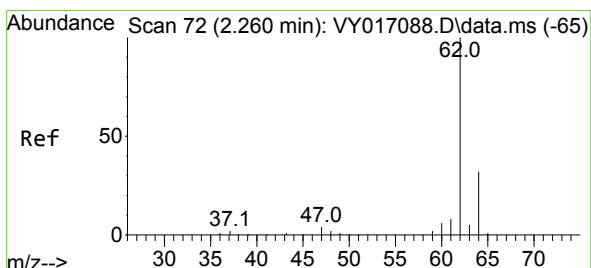
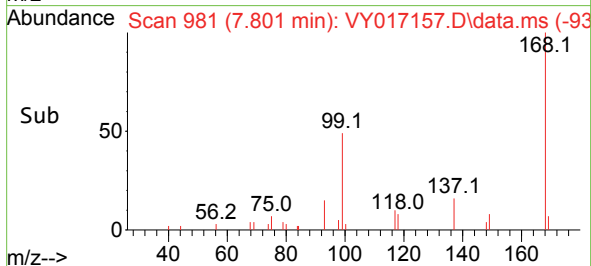
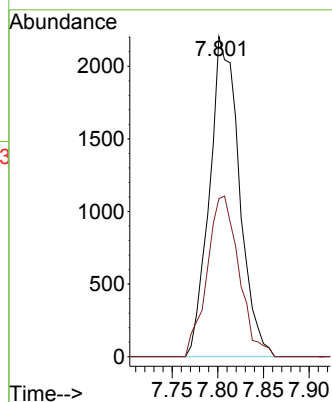
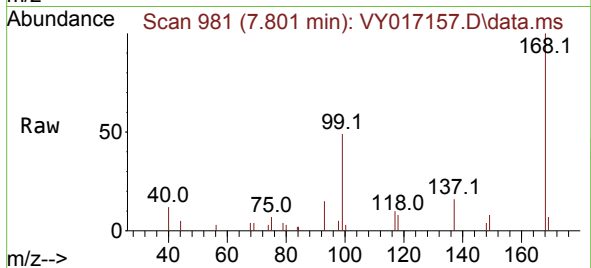




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

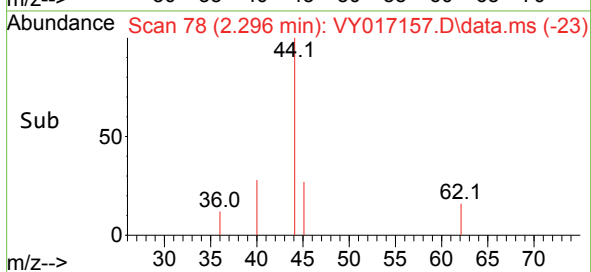
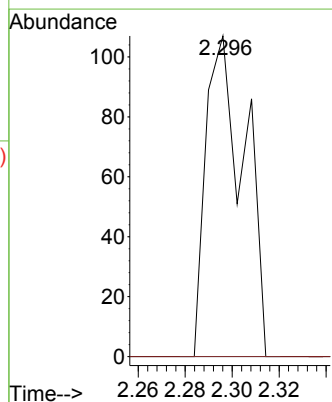
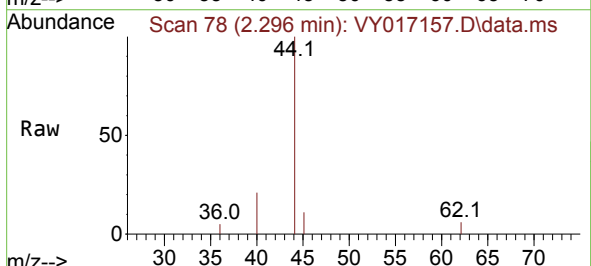
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024RE

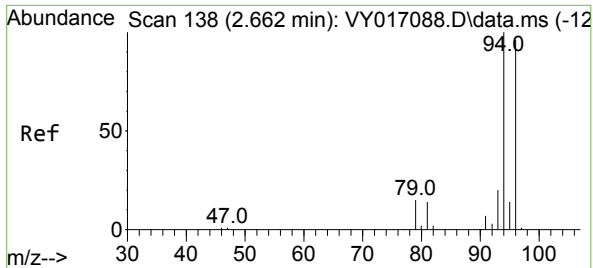
Tgt Ion:168 Resp: 4994
Ion Ratio Lower Upper
168 100
99 49.4 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.296 min Scan# 78
Delta R.T. 0.037 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Tgt Ion: 62 Resp: 122
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

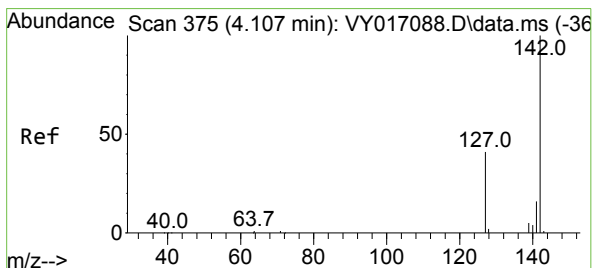
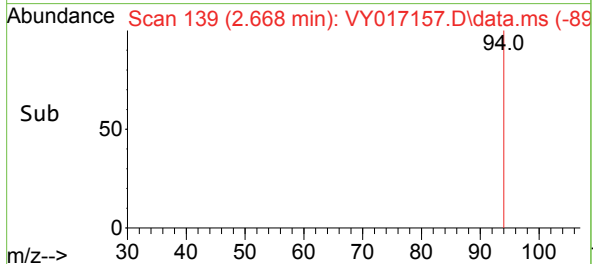
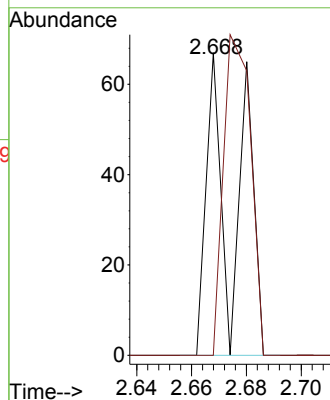
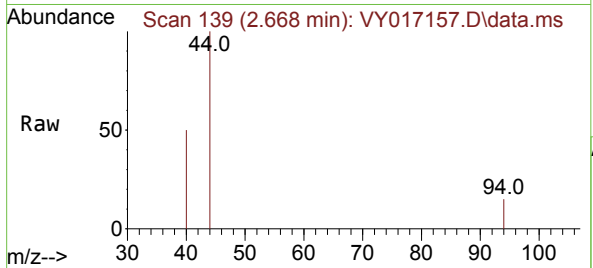




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

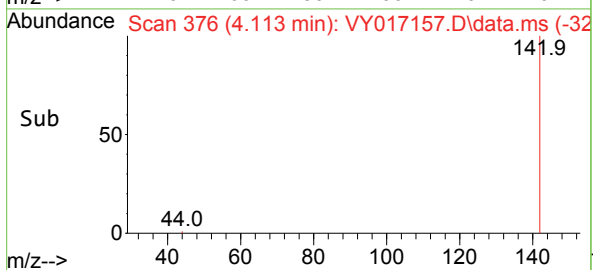
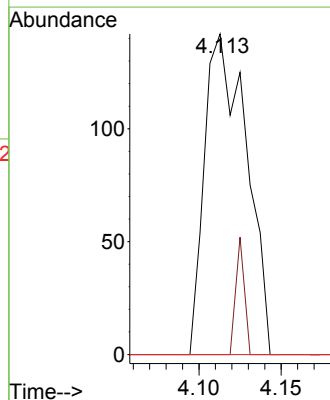
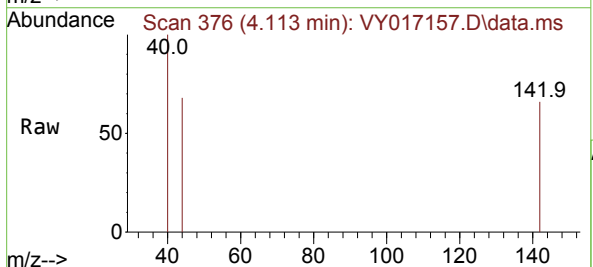
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024RE

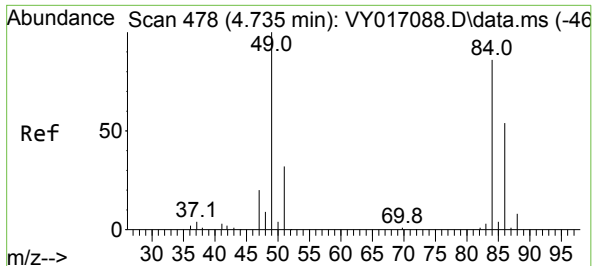
Tgt Ion: 94 Resp: 48
Ion Ratio Lower Upper
94 100
96 0.0 77.3 115.9#



#10
Methyl Iodide
Concen: 4.730 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Tgt Ion: 142 Resp: 251
Ion Ratio Lower Upper
142 100
127 7.6 35.1 52.7#
141 0.0 11.8 17.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 41

Delta R.T. -0.005 min

Lab File: VY017157.D

Acq: 31 Jan 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-013024RE

Tgt Ion: 84 Resp: 110

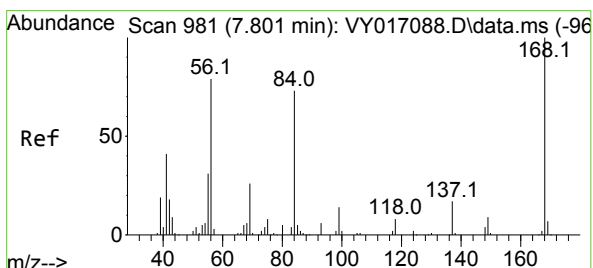
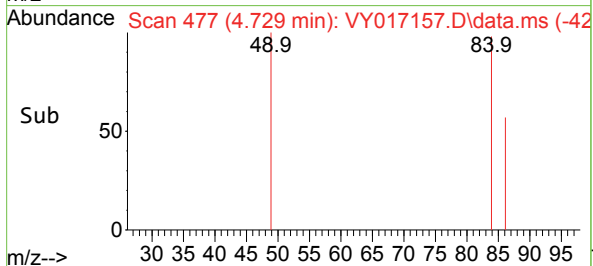
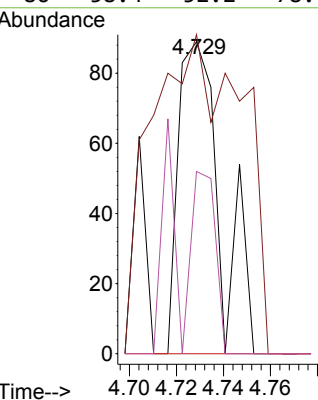
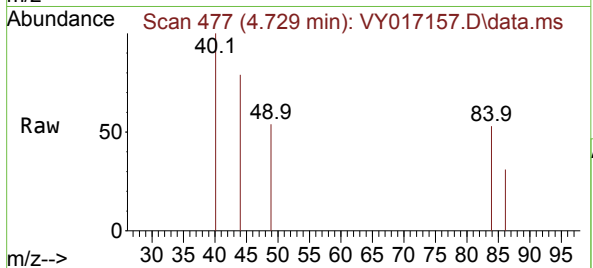
Ion Ratio Lower Upper

84 100

49 102.2 95.2 142.8

51 0.0 29.9 44.9#

86 58.4 52.2 78.4



#31

Cyclohexane

Concen: Below Cal

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY017157.D

Acq: 31 Jan 2024 14:01

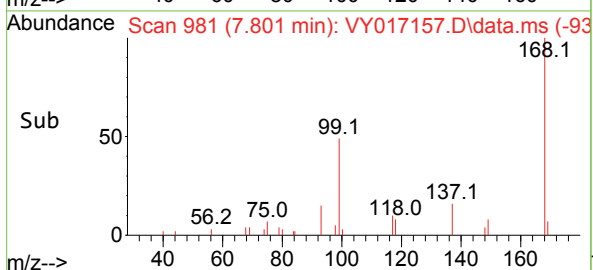
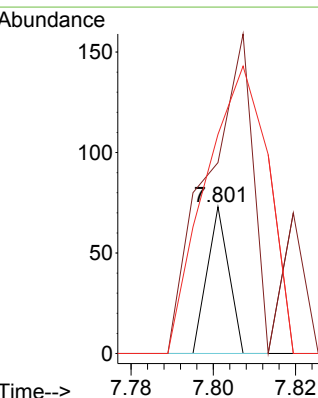
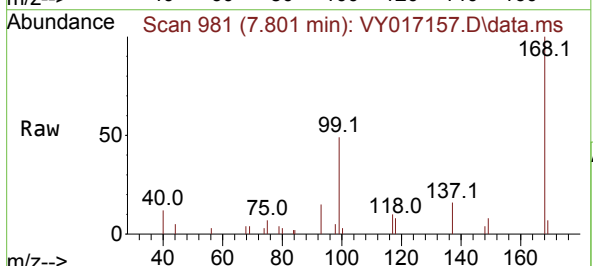
Tgt Ion: 56 Resp: 27

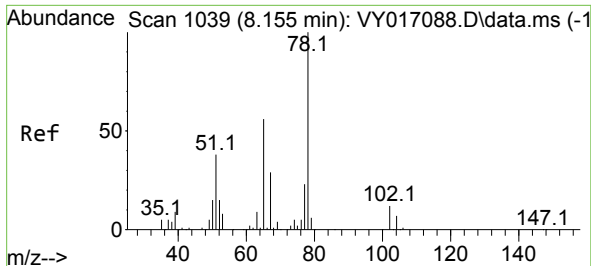
Ion Ratio Lower Upper

56 100

69 130.1 27.0 40.6#

84 149.3 71.8 107.6#

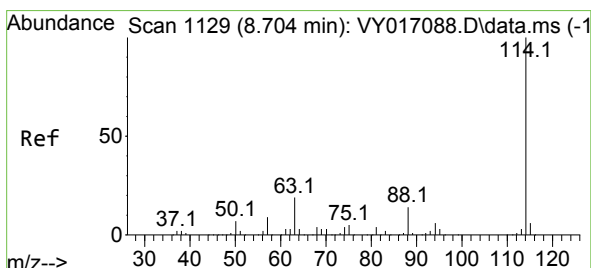
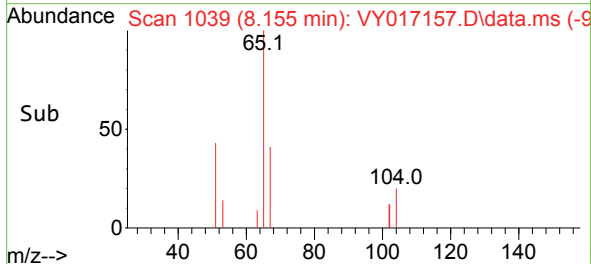
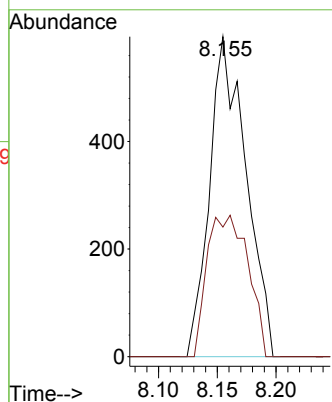
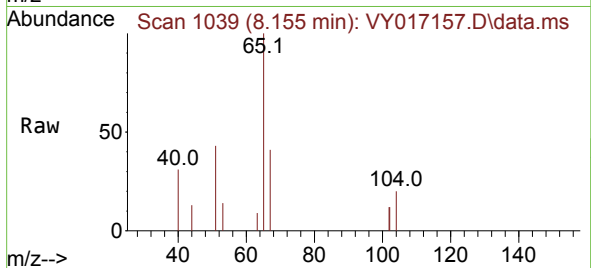




#33
1,2-Dichloroethane-d4
Concen: 26.368 ug/l
RT: 8.155 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

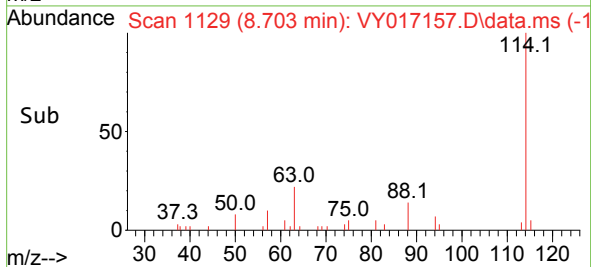
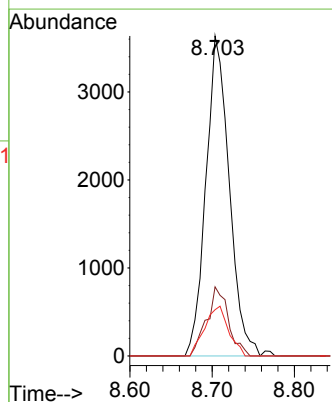
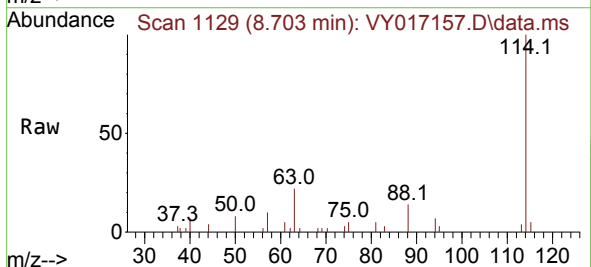
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024RE

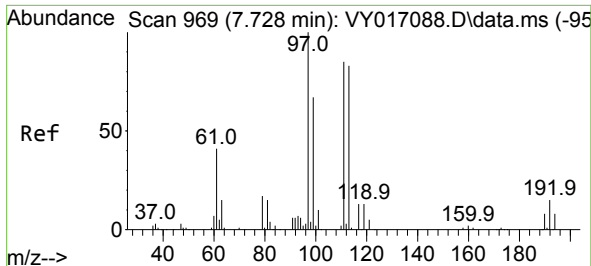
Tgt Ion: 65 Resp: 1283
Ion Ratio Lower Upper
65 100
67 49.6 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

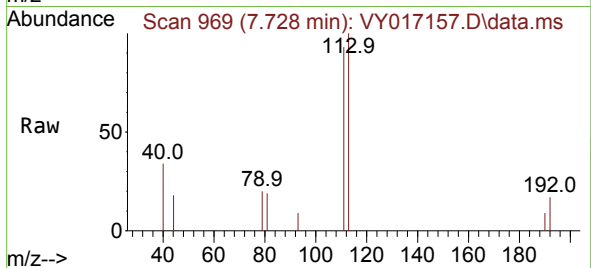
Tgt Ion: 114 Resp: 7207
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.4
88 14.5 0.0 29.0



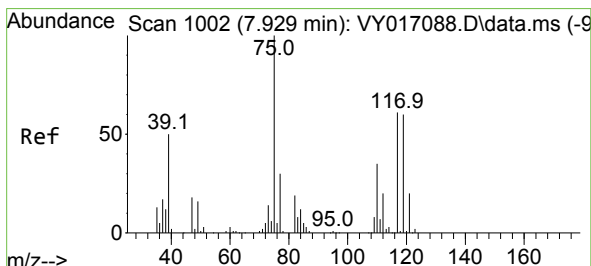
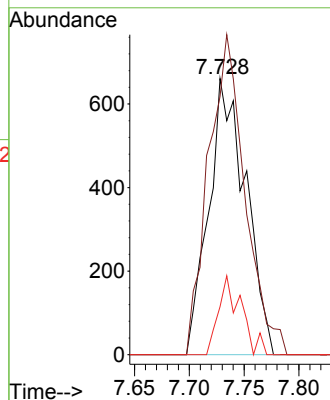
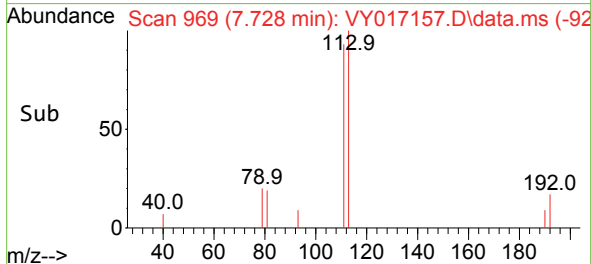


#35
Dibromofluoromethane
Concen: 35.680 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024RE

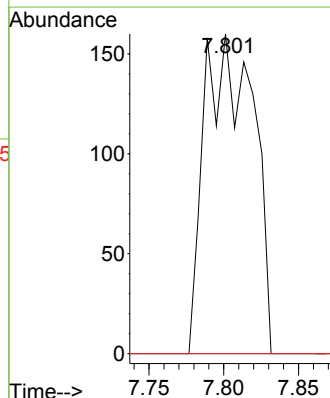
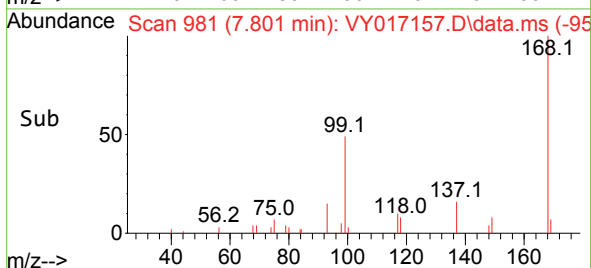
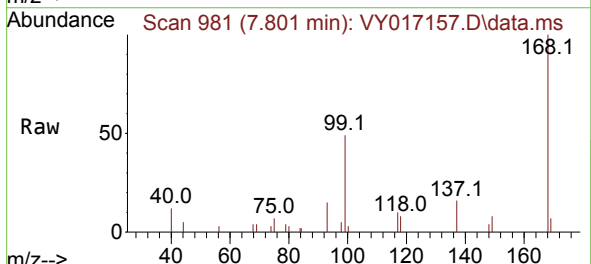


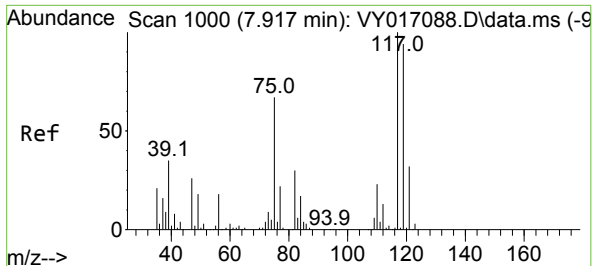
Tgt Ion:	113	Resp:	1552
Ion	Ratio	Lower	Upper
113	100		
111	114.4	83.8	125.6
192	17.5	14.5	21.7



#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

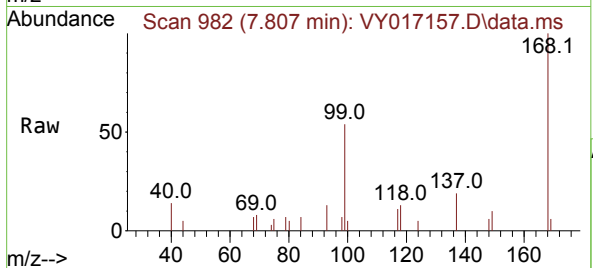
Tgt Ion:	75	Resp:	362
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.3#
77	0.0	24.7	37.1#



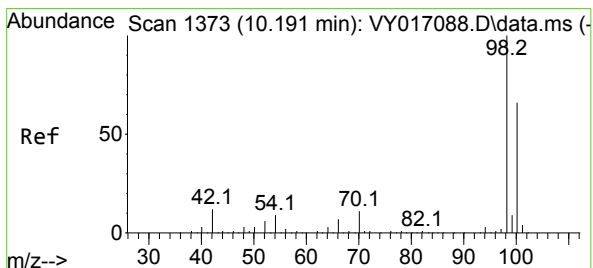
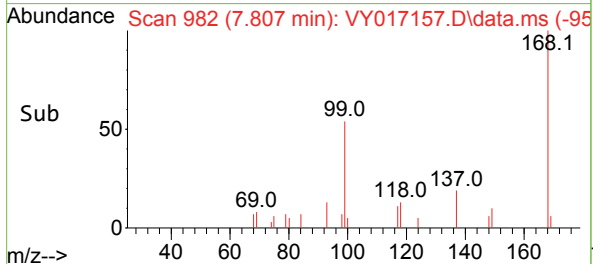
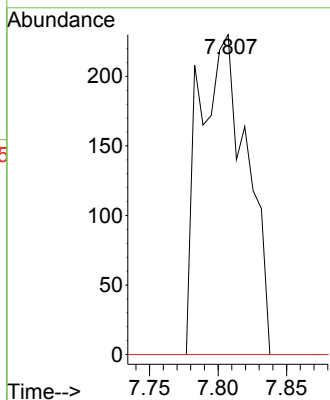


#38
Carbon Tetrachloride
Concen: 7.928 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Instrument :
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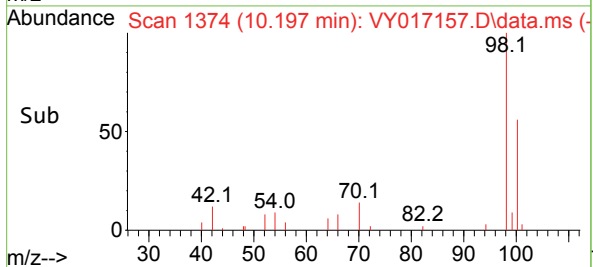
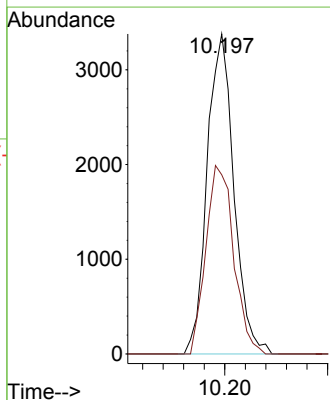
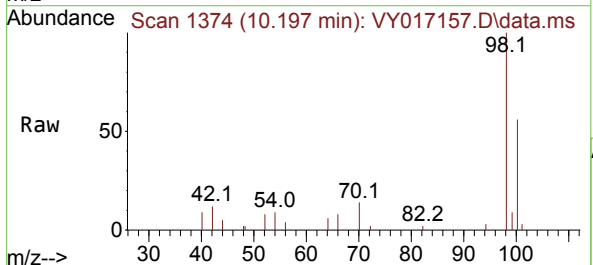


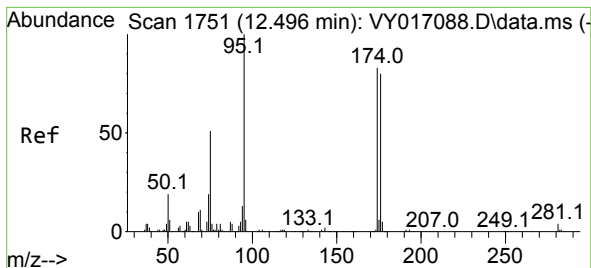
Tgt Ion:117 Resp: 556
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 37.056 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Tgt Ion: 98 Resp: 6088
Ion Ratio Lower Upper
98 100
100 61.4 52.3 78.5

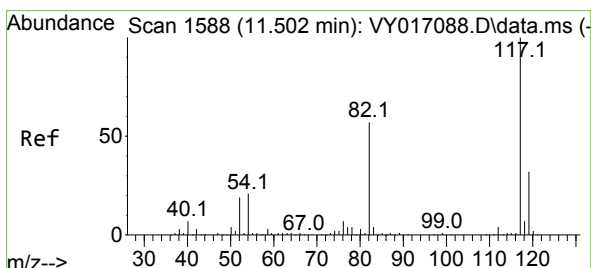
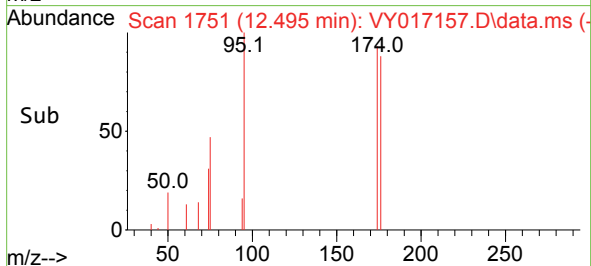
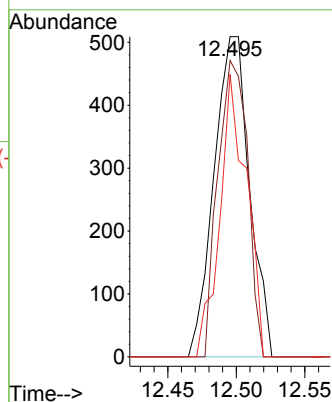
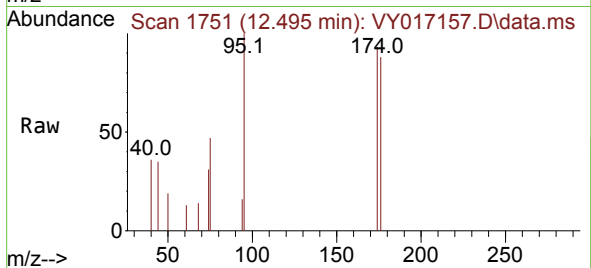




#62
4-Bromofluorobenzene
Concen: 18.138 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

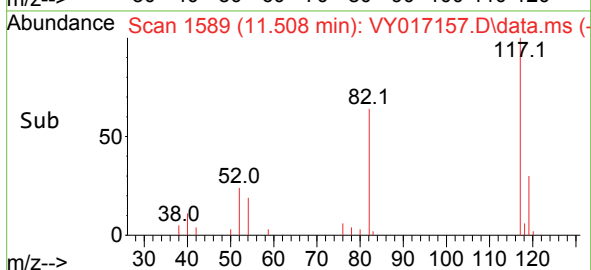
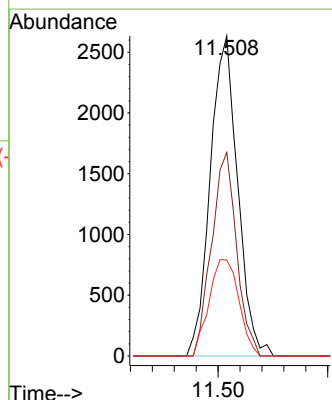
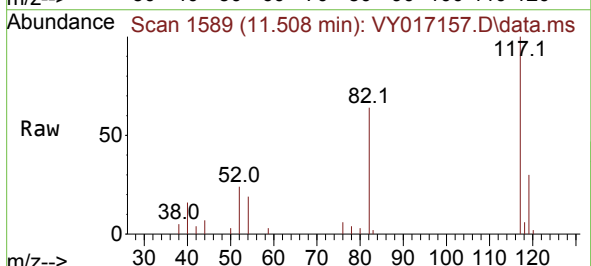
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024RE

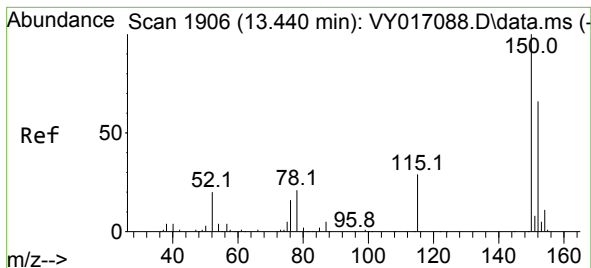
Tgt Ion:	95	Resp:	918
Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	160.0
176	66.7	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Tgt Ion:	117	Resp:	4568
Ion	Ratio	Lower	Upper
117	100		
82	63.6	43.8	65.8
119	30.0	26.5	39.7

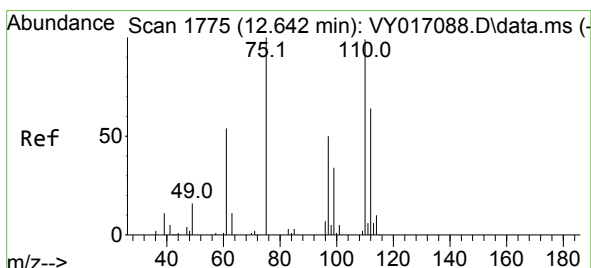
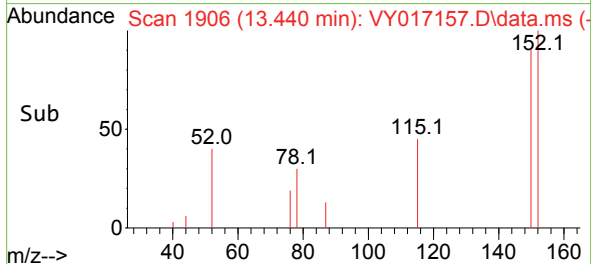
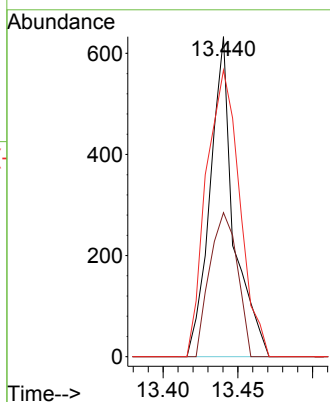
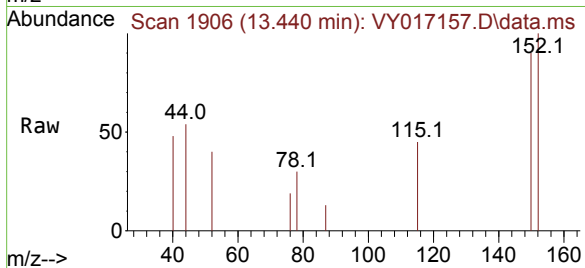




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY017157.D
 Acq: 31 Jan 2024 14:01

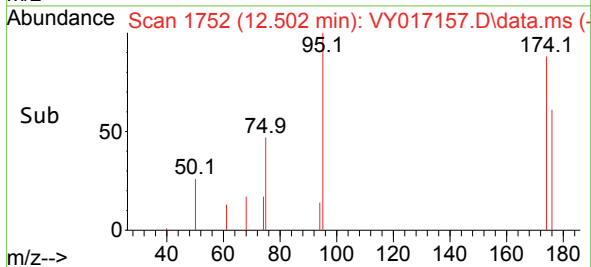
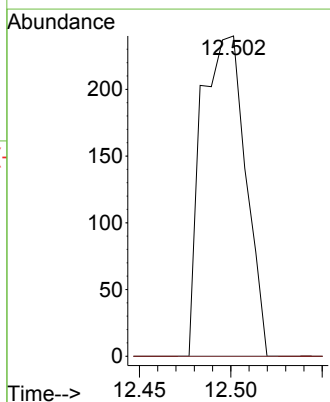
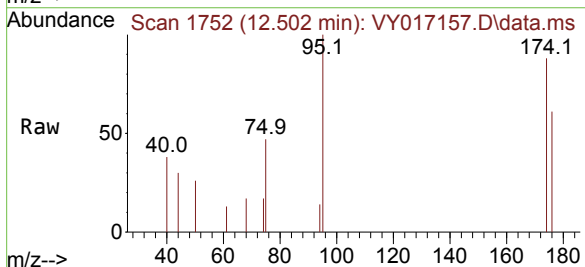
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024RE

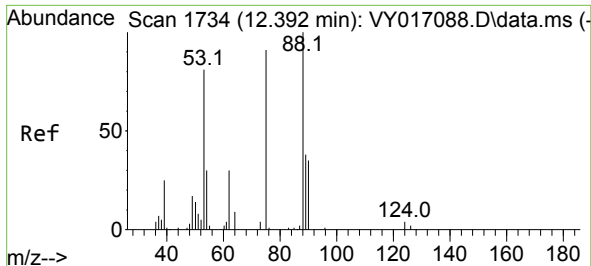
Tgt Ion:152 Resp: 698
 Ion Ratio Lower Upper
 152 100
 115 52.6 30.0 90.0
 150 126.2 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 47.567 ug/l
 RT: 12.502 min Scan# 1752
 Delta R.T. -0.140 min
 Lab File: VY017157.D
 Acq: 31 Jan 2024 14:01

Tgt Ion: 75 Resp: 403
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

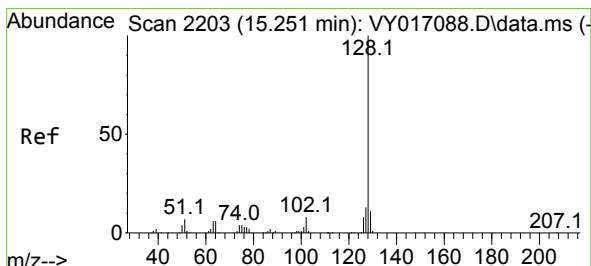
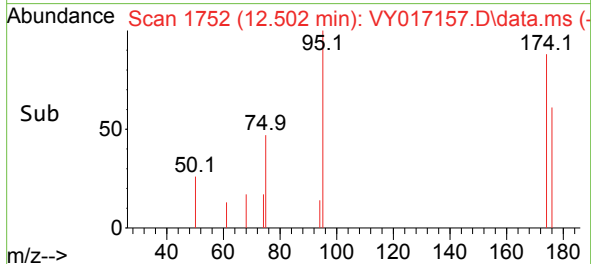
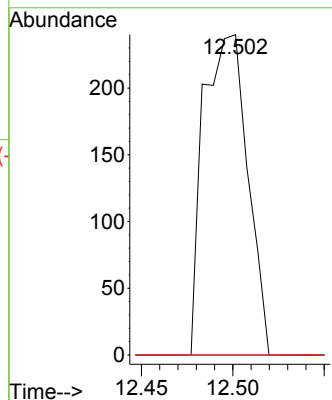
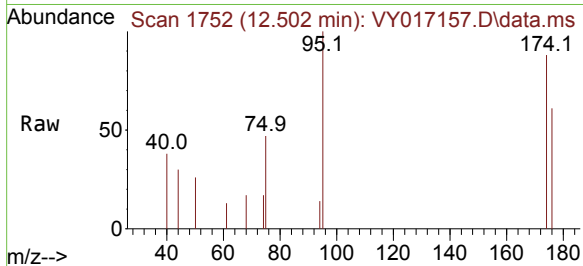




#81
trans-1,4-Dichloro-2-butene
Concen: 123.144 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.117 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024RE

Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 1.035 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017157.D
Acq: 31 Jan 2024 14:01

Tgt Ion: 128 Resp: 20
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

