

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014457.D
 Acq On : 27 Jun 2023 14:48
 Operator : KP/MD
 Sample : 03409-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-062323RE

Quant Time: Jun 28 01:56:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	13727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	19430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	16962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8681	50.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.880%
35) Dibromofluoromethane	7.722	113	6217	51.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.185	98	22273	46.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.360%
62) 4-Bromofluorobenzene	12.483	95	6072	35.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.280%

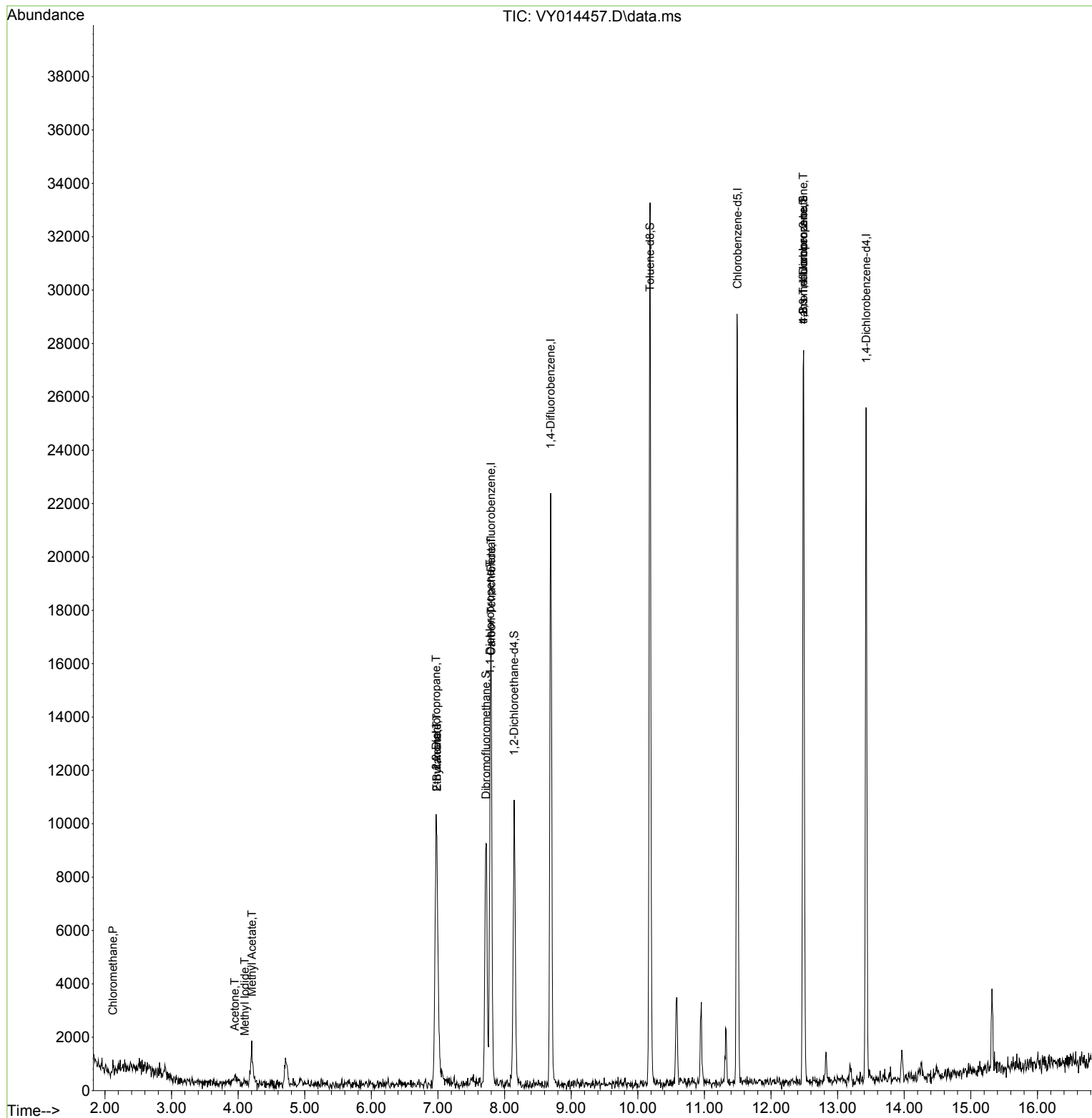
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.119	50	135	1.083	ug/l #	43
10) Methyl Iodide	4.101	142	85	3.353	ug/l #	41
11) Tert butyl alcohol	4.942	59	182	Below Cal	#	89
16) Acetone	3.948	43	626	11.673	ug/l #	46
18) Methyl Acetate	4.204	43	446	2.419	ug/l #	54
20) Methylene Chloride	4.722	84	785	Below Cal	#	68
25) 2-Butanone	6.984	43	506	7.575	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	564	2.238	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	1005	5.433	ug/l #	41
37) Ethyl Acetate	6.984	43	506	3.969	ug/l #	1
38) Carbon Tetrachloride	7.801	117	1218	5.232	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3457	39.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3457	89.350	ug/l #	10

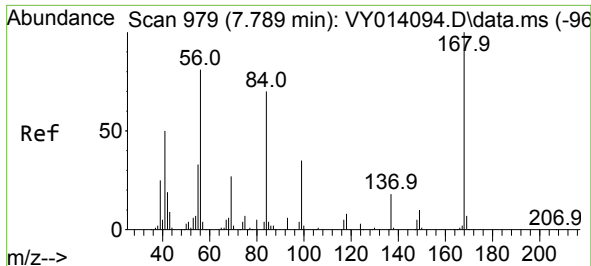
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
Data File : VY014457.D
Acq On : 27 Jun 2023 14:48
Operator : KP/MD
Sample : 03409-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323RE

Quant Time: Jun 28 01:56:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

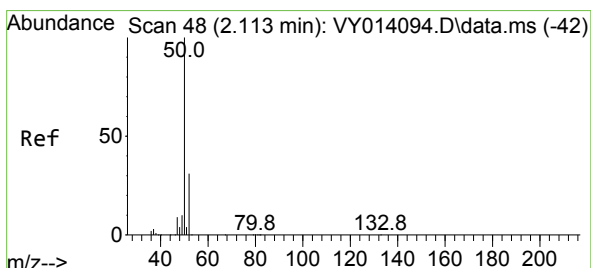
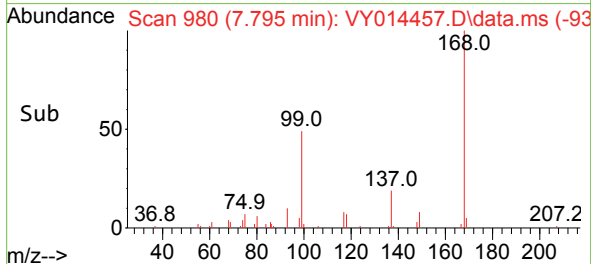
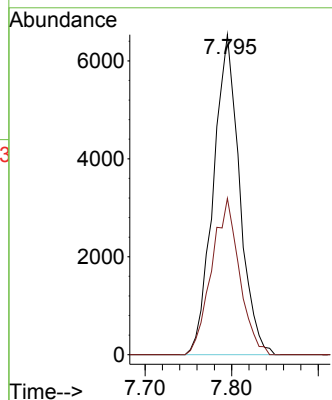
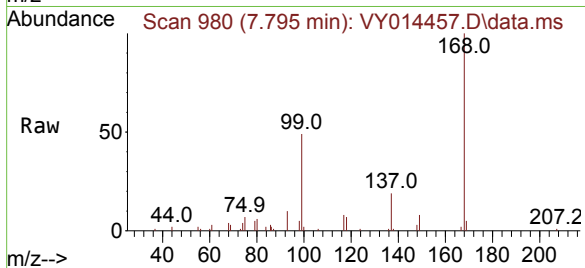




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

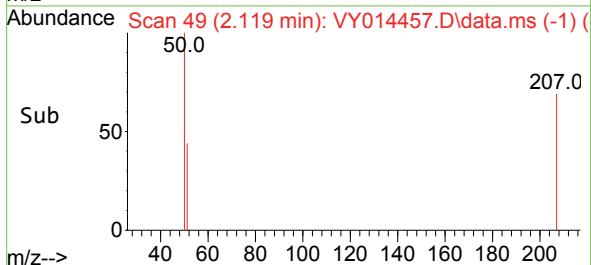
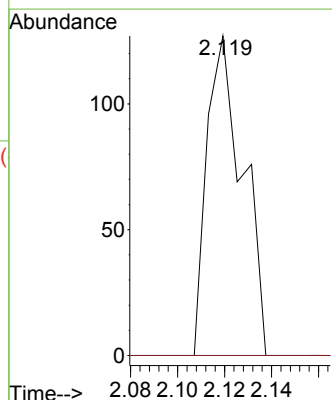
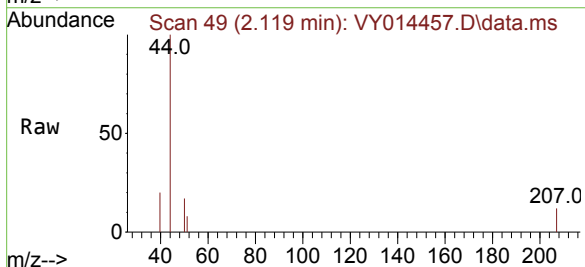
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323RE

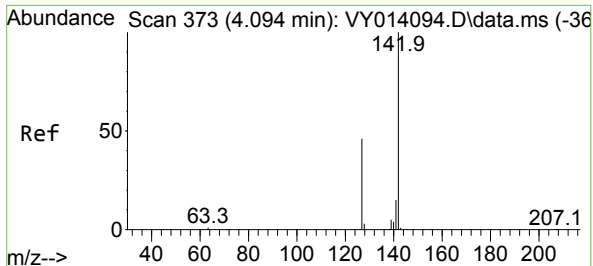
Tgt Ion:168 Resp: 13727
Ion Ratio Lower Upper
168 100
99 48.9 43.4 65.0



#3
Chloromethane
Concen: 1.083 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

Tgt Ion: 50 Resp: 135
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#10

Methyl Iodide

Concen: 3.353 ug/l

RT: 4.101 min Scan# 31

Delta R.T. 0.007 min

Lab File: VY014457.D

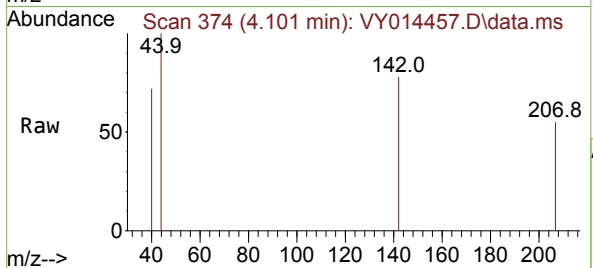
Acq: 27 Jun 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-062323RE



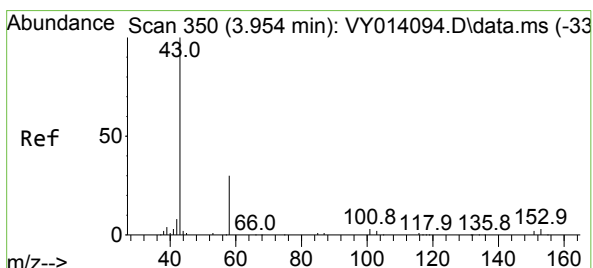
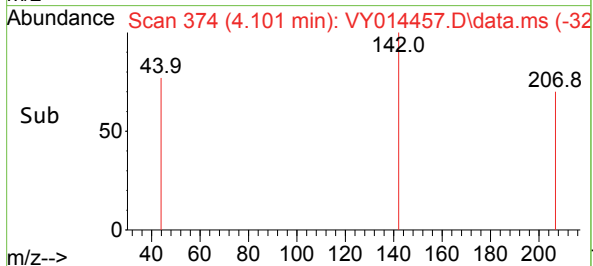
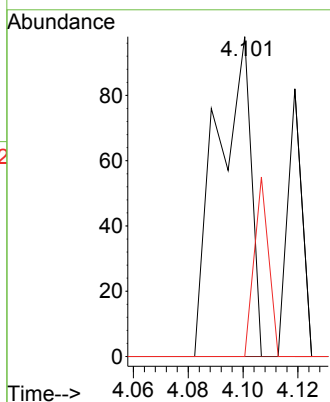
Tgt Ion:142 Resp: 85

Ion Ratio Lower Upper

142 100

127 0.0 37.6 56.4#

141 23.5 11.8 17.8#



#16

Acetone

Concen: 11.673 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014457.D

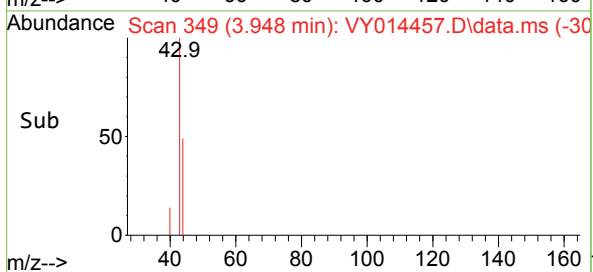
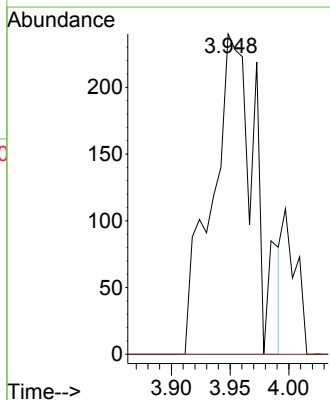
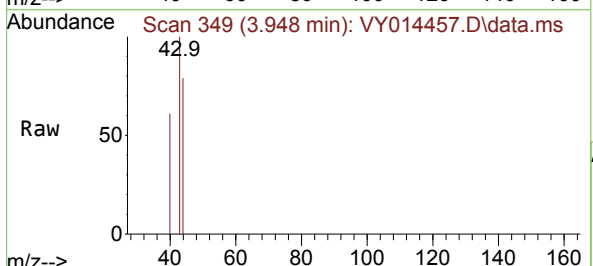
Acq: 27 Jun 2023 14:48

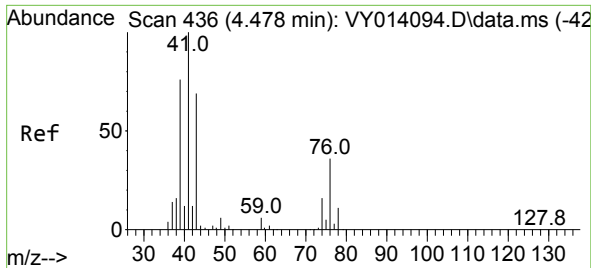
Tgt Ion: 43 Resp: 626

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#

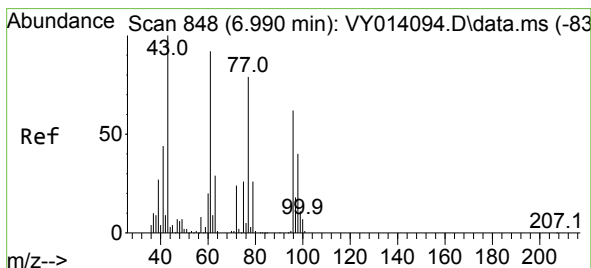
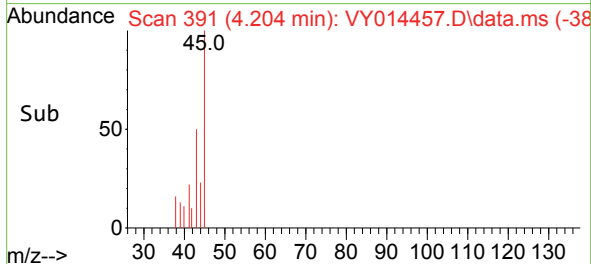
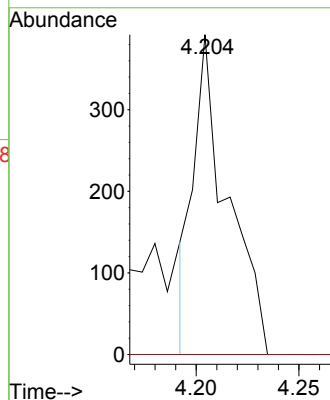
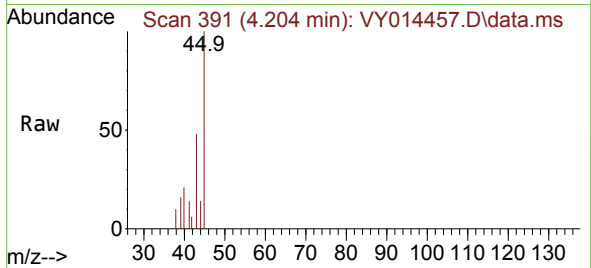




#18
Methyl Acetate
Concen: 2.419 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.274 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

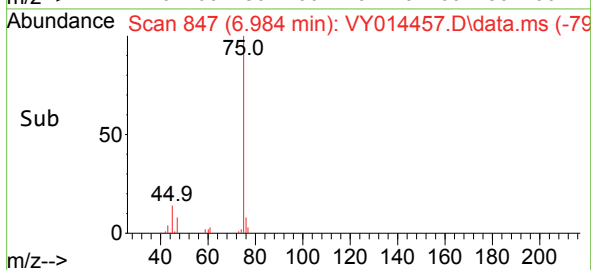
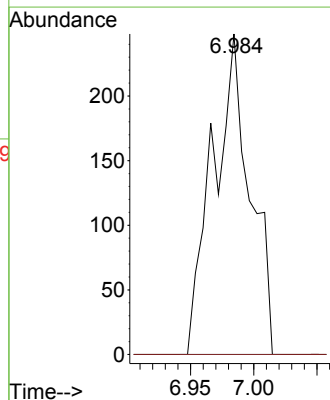
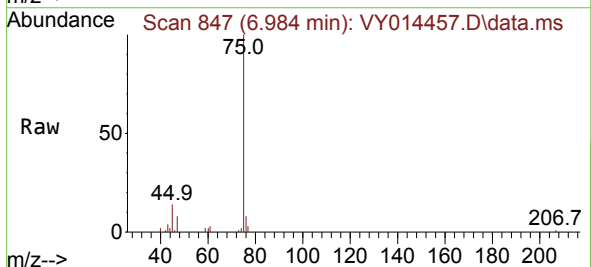
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323RE

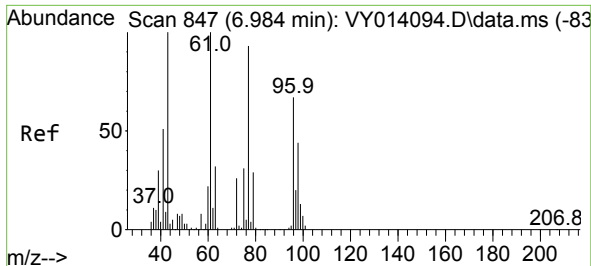
Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#25
2-Butanone
Concen: 7.575 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 2.238 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014457.D

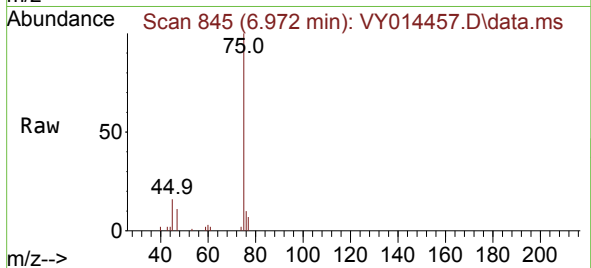
Acq: 27 Jun 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-062323RE

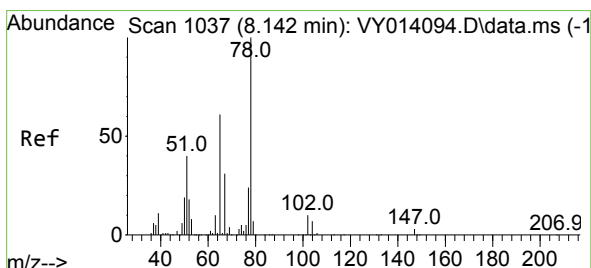
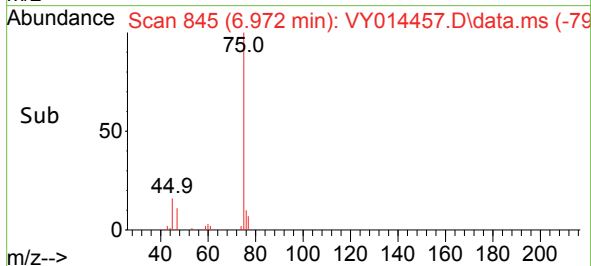
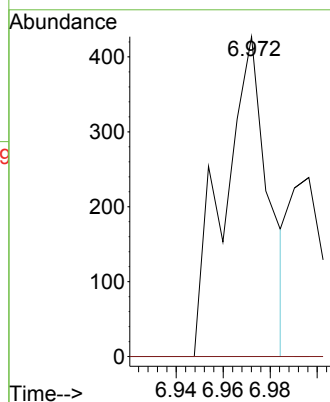


Tgt Ion: 77 Resp: 564

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#33

1,2-Dichloroethane-d4

Concen: 50.935 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014457.D

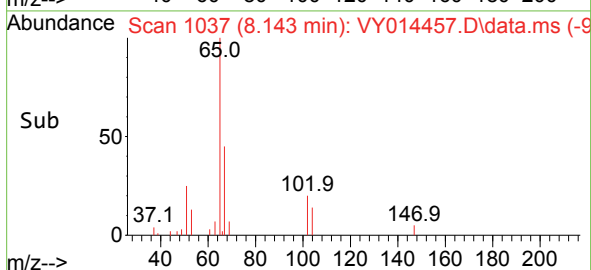
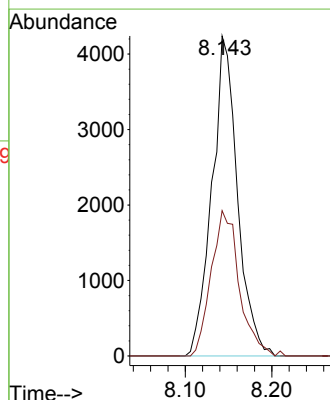
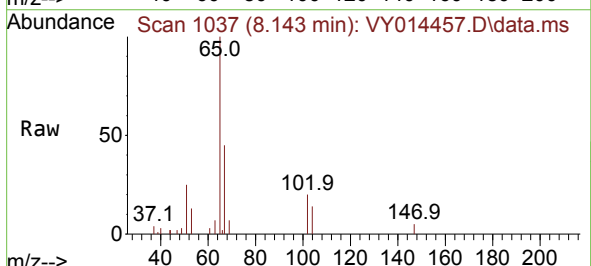
Acq: 27 Jun 2023 14:48

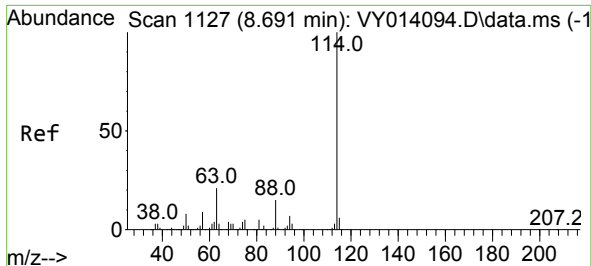
Tgt Ion: 65 Resp: 8681

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8

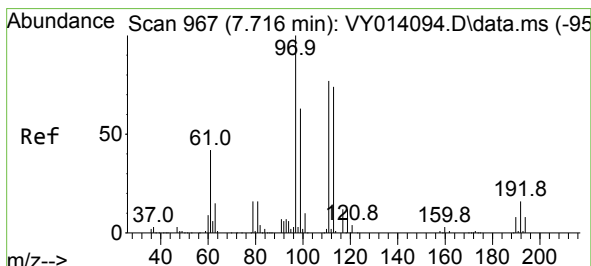
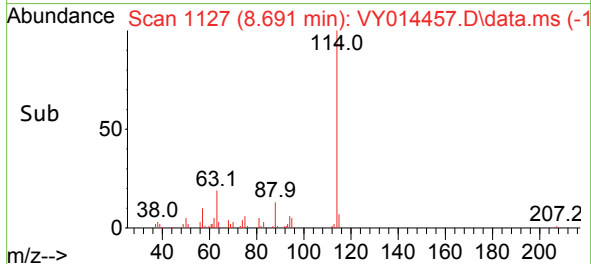
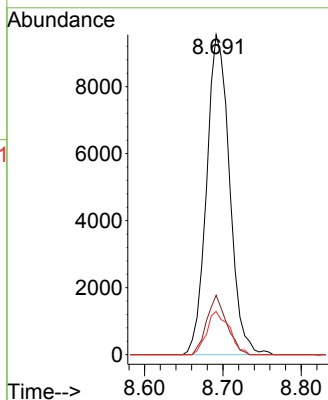
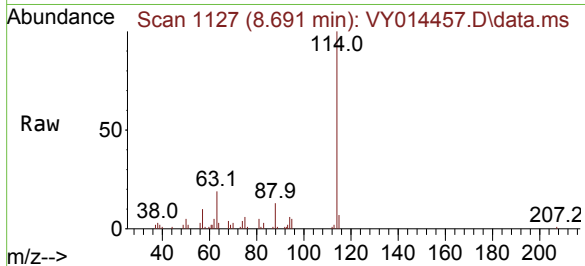




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

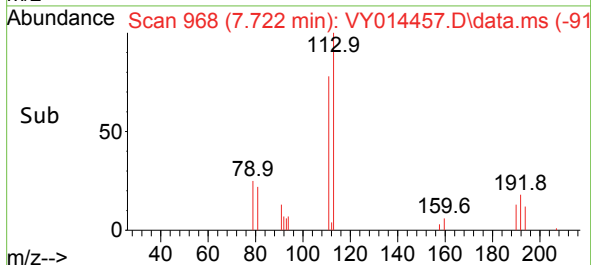
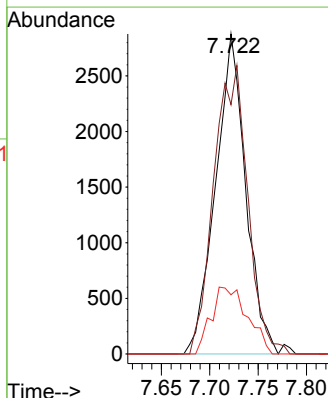
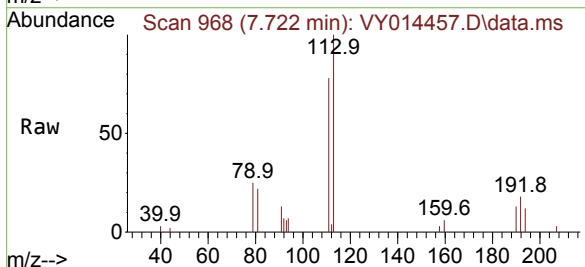
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323RE

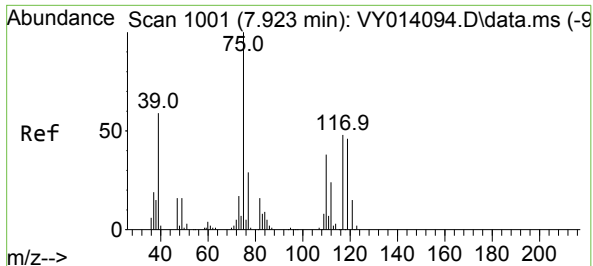
Tgt Ion:	114	Resp:	19430
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	42.4
88	13.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.790 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

Tgt Ion:	113	Resp:	6217
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.3	121.9
192	25.2	16.9	25.3

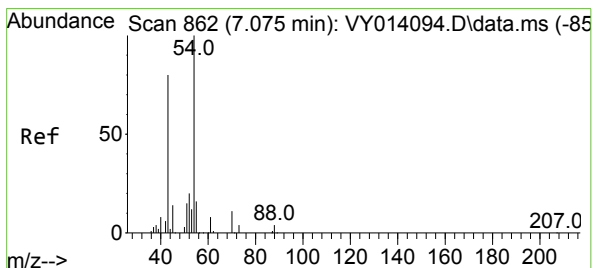
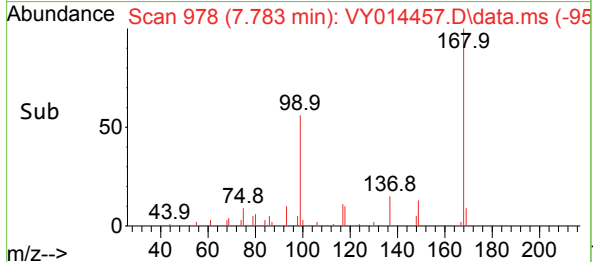
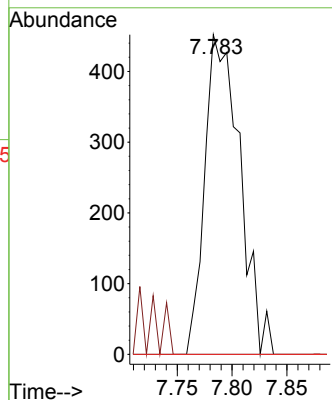
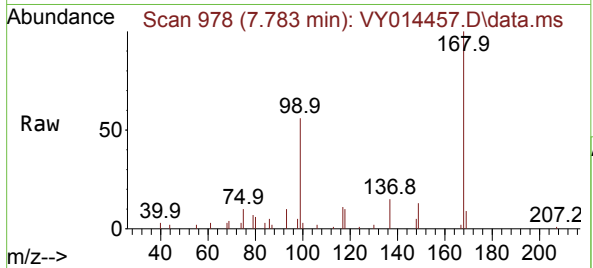




#36
1,1-Dichloropropene
Concen: 5.433 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

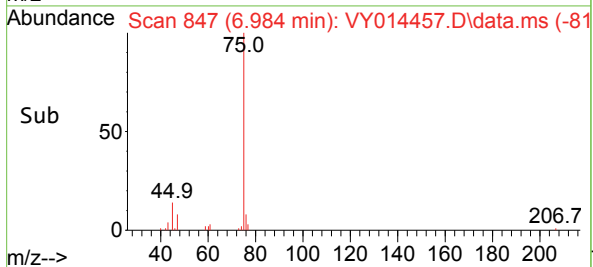
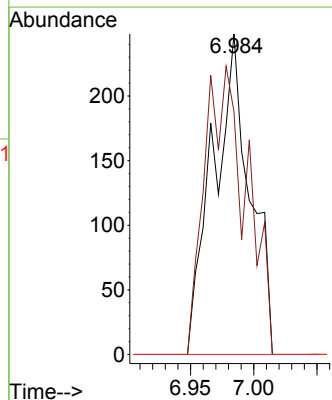
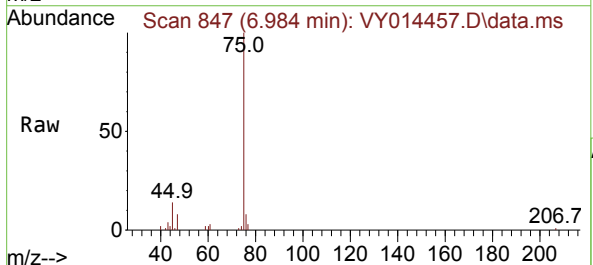
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323RE

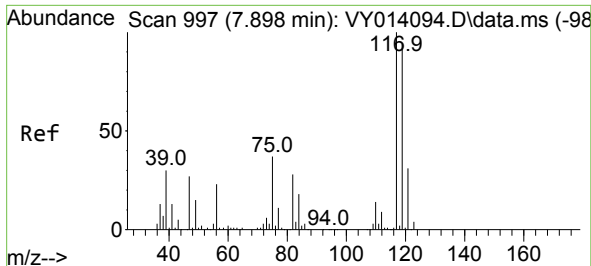
Tgt Ion: 75 Resp: 1005
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.969 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.091 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

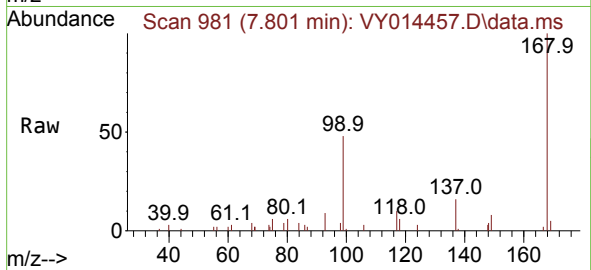
Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
61 101.8 10.1 15.1#
70 0.0 7.1 10.7#



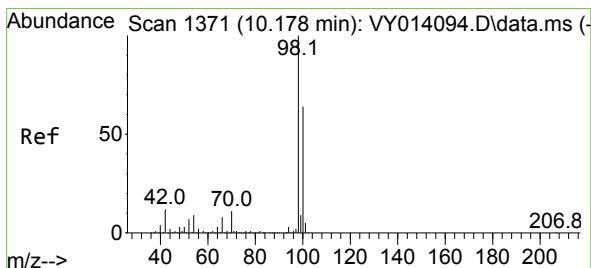
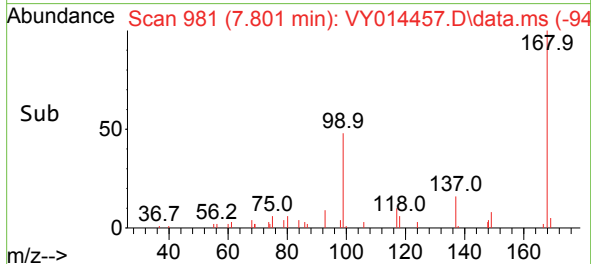
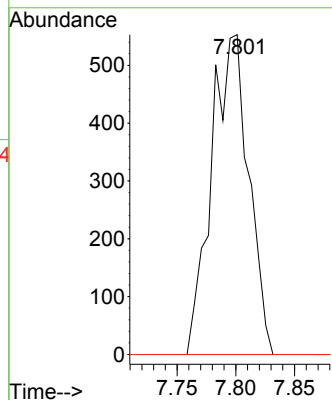


#38
Carbon Tetrachloride
Concen: 5.232 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323RE

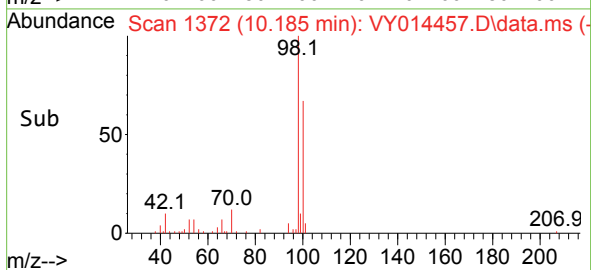
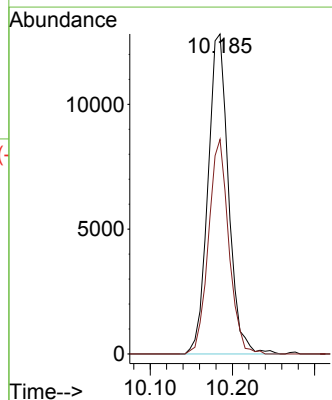
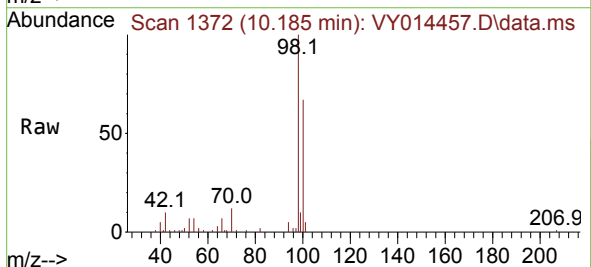


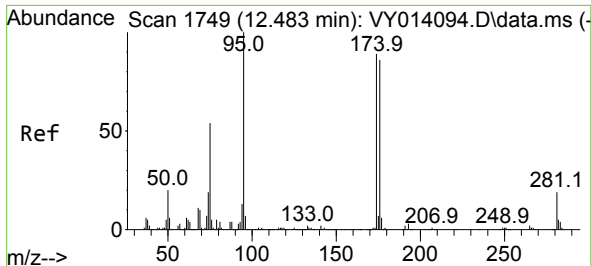
Tgt Ion:117 Resp: 1218
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.676 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

Tgt Ion: 98 Resp: 22273
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

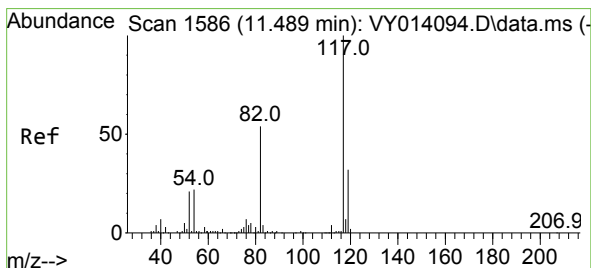
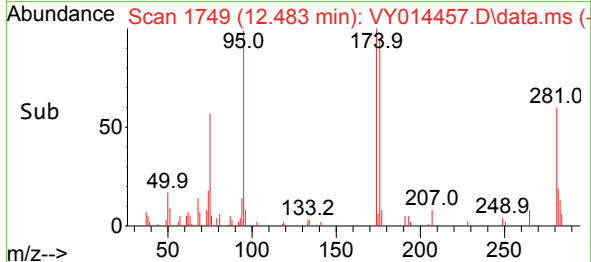
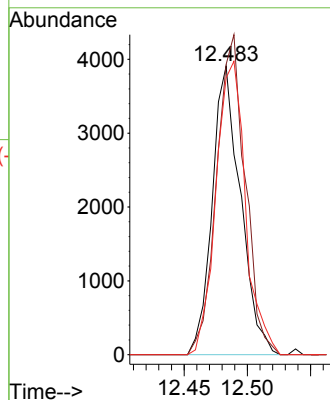
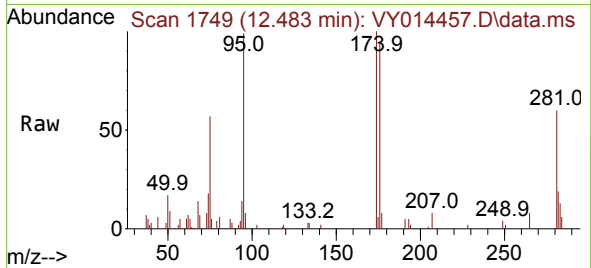




#62
4-Bromofluorobenzene
Concen: 35.643 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

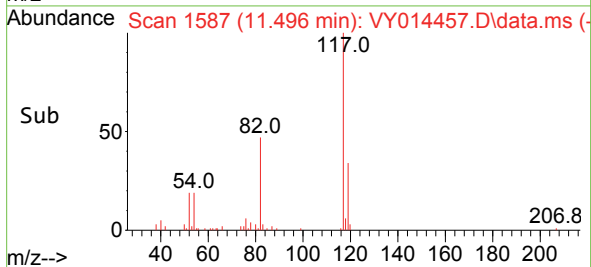
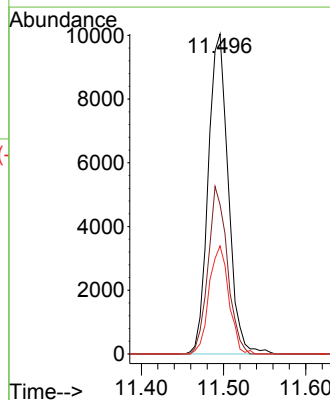
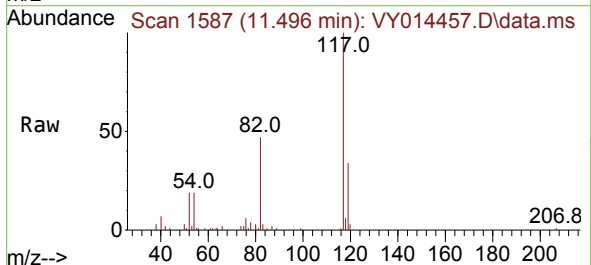
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323RE

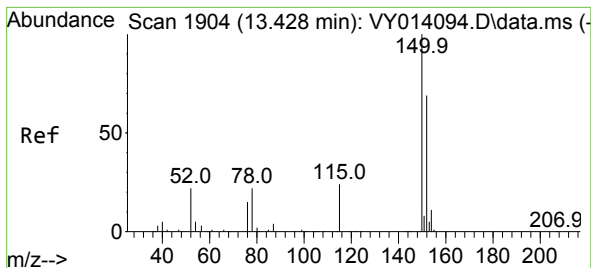
Tgt Ion: 95 Resp: 6072
Ion Ratio Lower Upper
95 100
174 112.0 0.0 178.2
176 105.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

Tgt Ion: 117 Resp: 16962
Ion Ratio Lower Upper
117 100
82 46.7 43.4 65.0
119 33.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014457.D

Acq: 27 Jun 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-062323RE

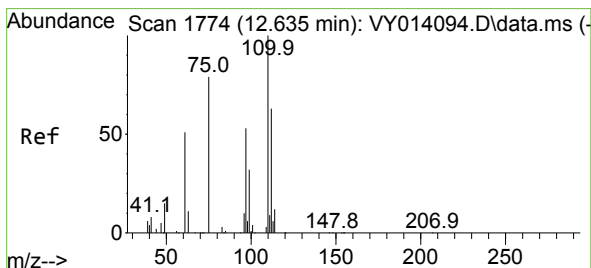
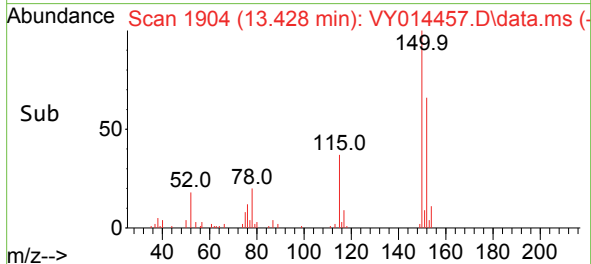
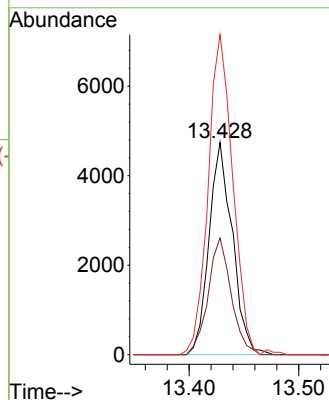
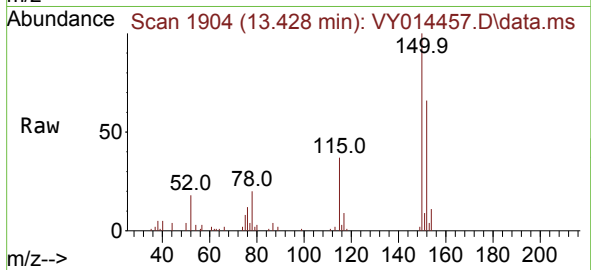
Tgt Ion:152 Resp: 7022

Ion Ratio Lower Upper

152 100

115 54.2 28.8 86.5

150 158.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.246 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014457.D

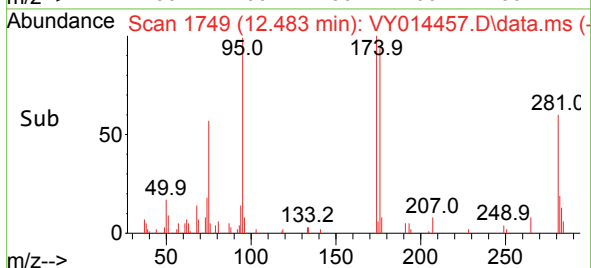
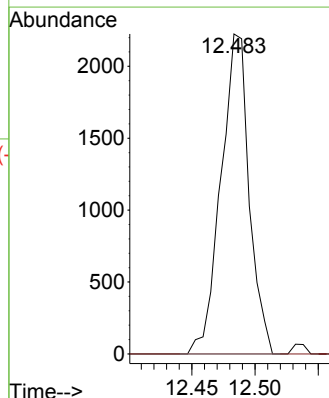
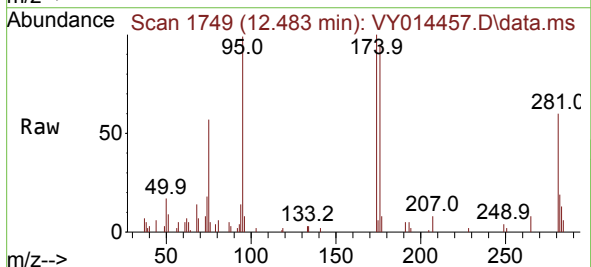
Acq: 27 Jun 2023 14:48

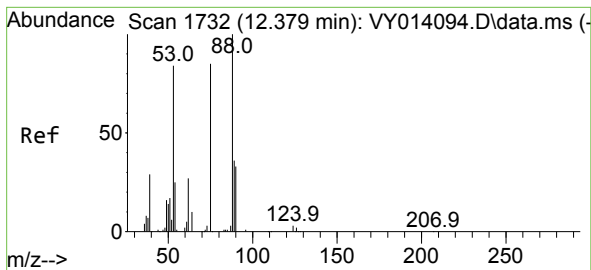
Tgt Ion: 75 Resp: 3457

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.350 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014457.D
 Acq: 27 Jun 2023 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-062323RE

Tgt Ion: 75 Resp: 3457
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

