

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014776.D
 Acq On : 24 Jul 2023 16:42
 Operator : SY/MD
 Sample : 03707-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-072023

Quant Time: Jul 25 01:30:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

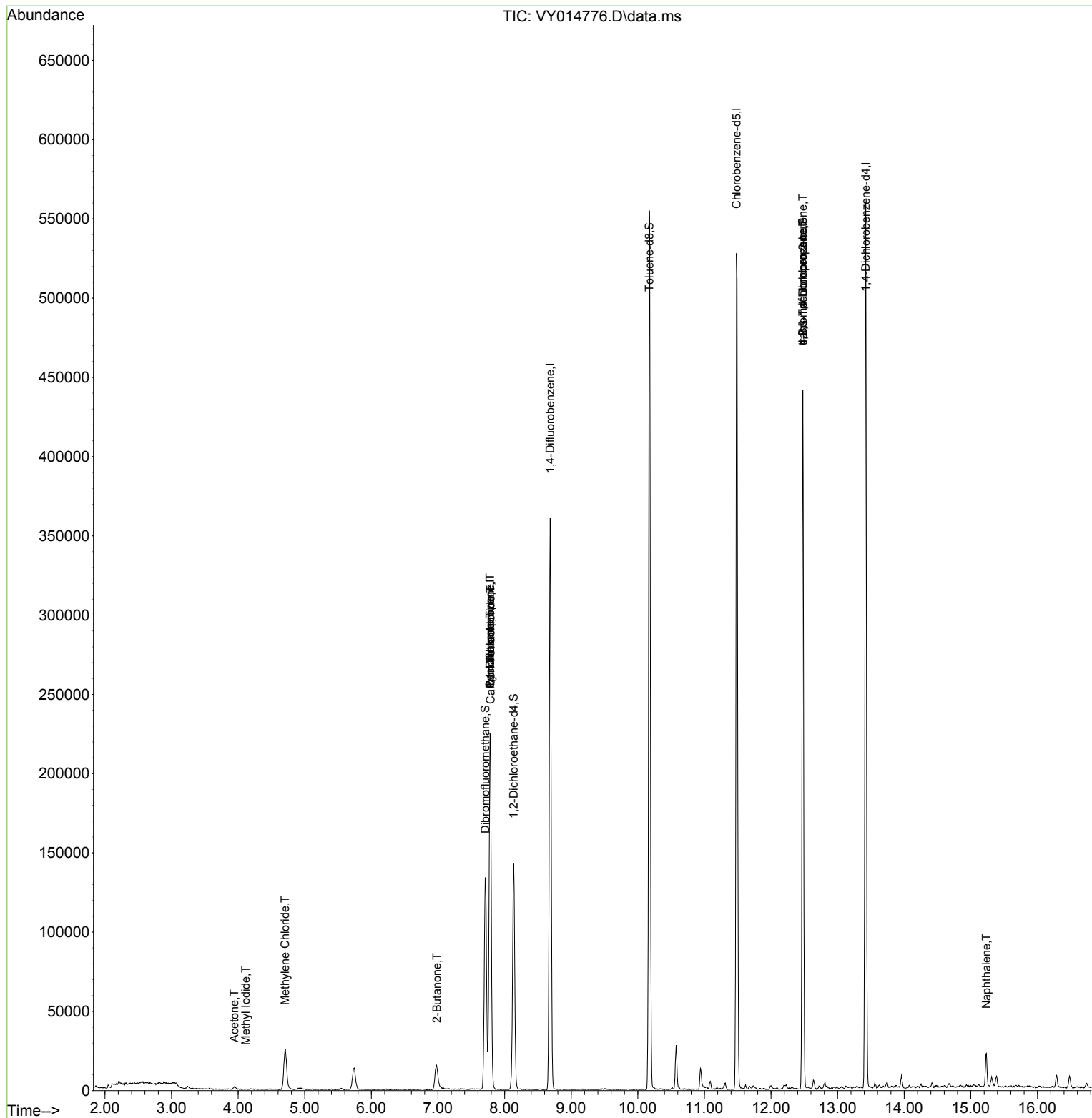
Internal Standards						
1) Pentafluorobenzene	7.783	168	176489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	292196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110362	54.875	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.740%		
35) Dibromofluoromethane	7.710	113	96015	48.987	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 97.980%		
50) Toluene-d8	10.173	98	365484	50.578	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.160%		
62) 4-Bromofluorobenzene	12.477	95	135291	48.827	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 97.660%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	68	2.402	ug/l #	38
11) Tert butyl alcohol	4.911	59	503	Below Cal	#	89
16) Acetone	3.942	43	2897	4.546	ug/l	91
20) Methylene Chloride	4.704	84	18934	5.377	ug/l	92
25) 2-Butanone	6.984	43	1273	1.365	ug/l #	49
31) Cyclohexane	7.783	56	3822	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13479	4.599	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17445	5.630	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	70911	40.075	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70911	77.593	ug/l #	11
95) Naphthalene	15.233	128	18072	2.737	ug/l	99

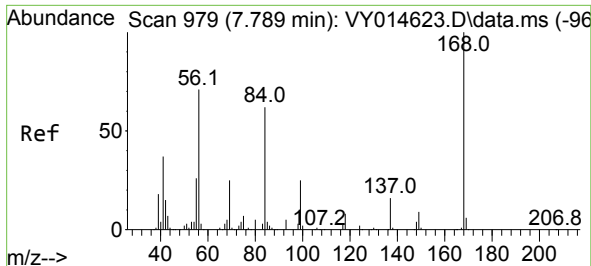
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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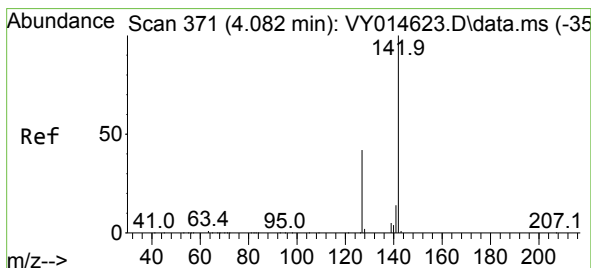
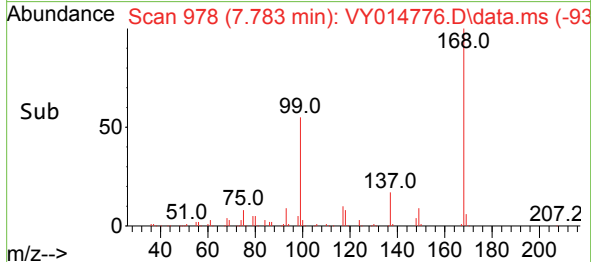
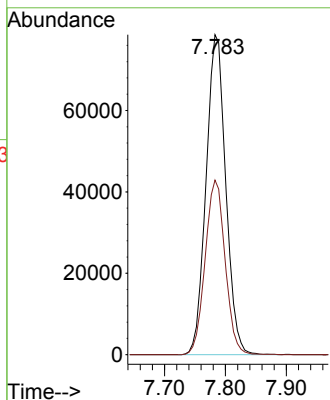
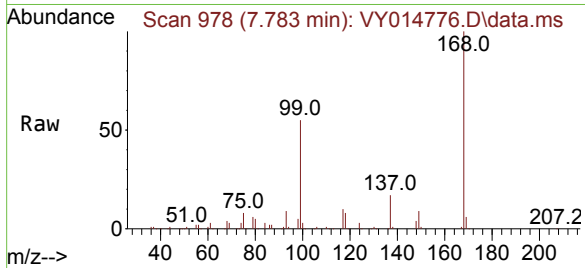




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

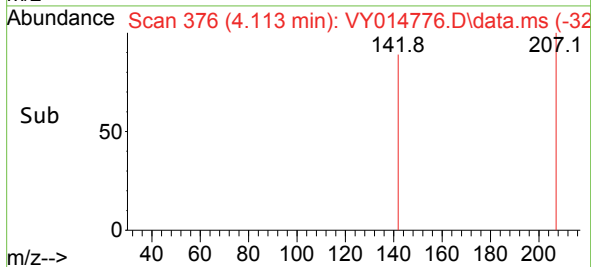
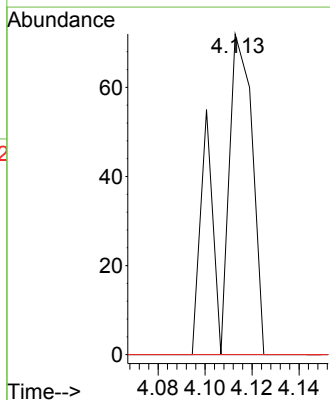
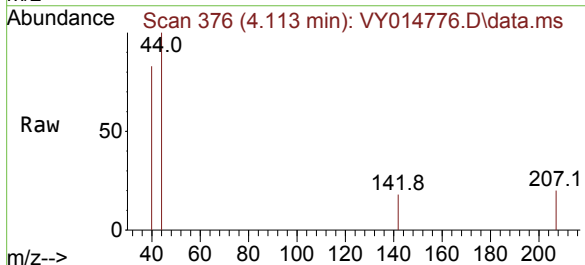
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072023

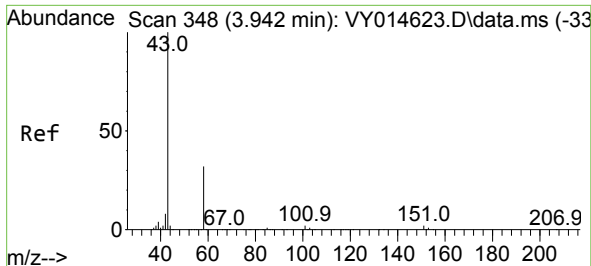
Tgt Ion:168 Resp: 176489
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.402 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.031 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 4.546 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY014776.D

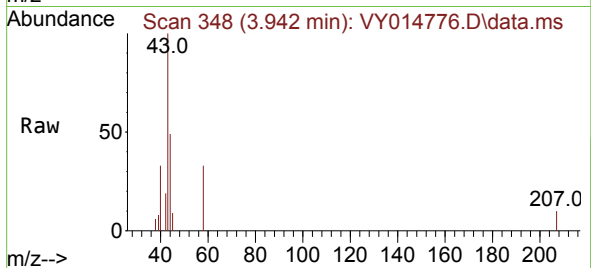
Acq: 24 Jul 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-072023

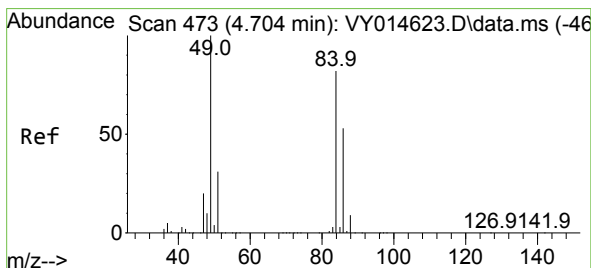
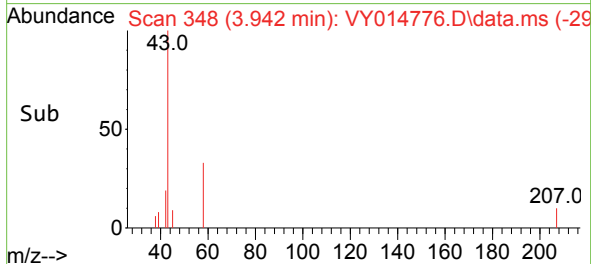
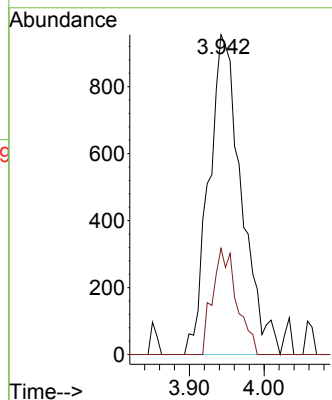


Tgt Ion: 43 Resp: 2897

Ion Ratio Lower Upper

43 100

58 33.2 22.7 34.1



#20

Methylene Chloride

Concen: 5.377 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY014776.D

Acq: 24 Jul 2023 16:42

Tgt Ion: 84 Resp: 18934

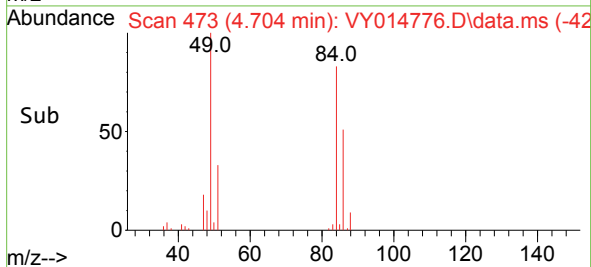
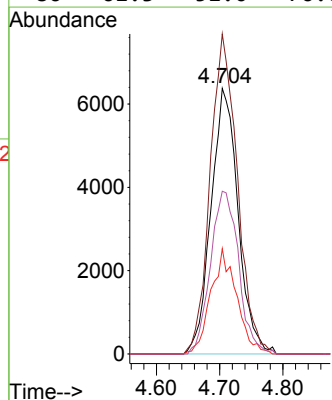
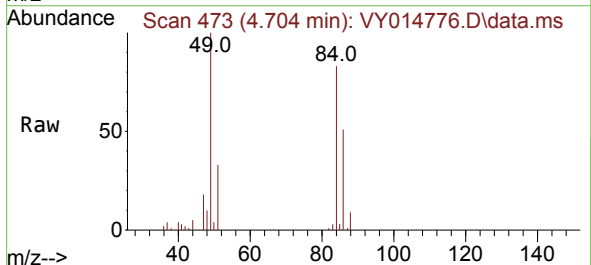
Ion Ratio Lower Upper

84 100

49 120.5 106.9 160.3

51 39.6 33.2 49.8

86 61.3 51.0 76.6

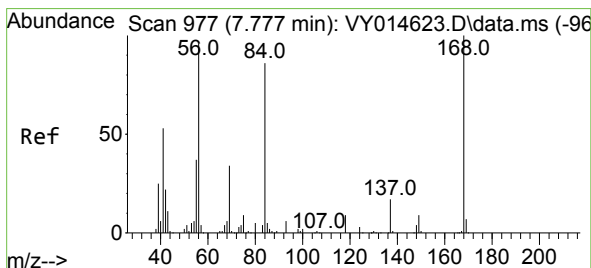
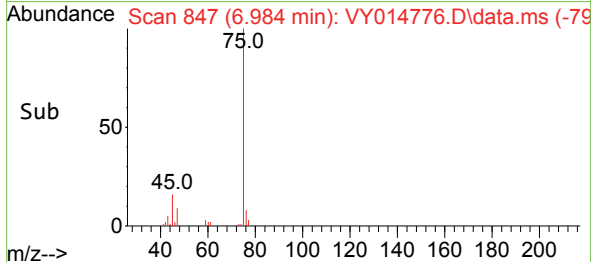
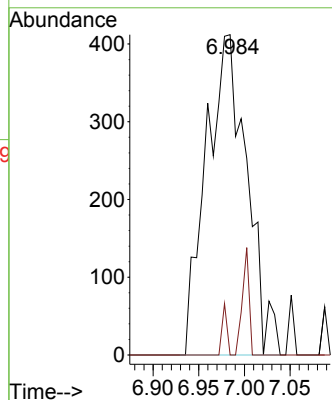
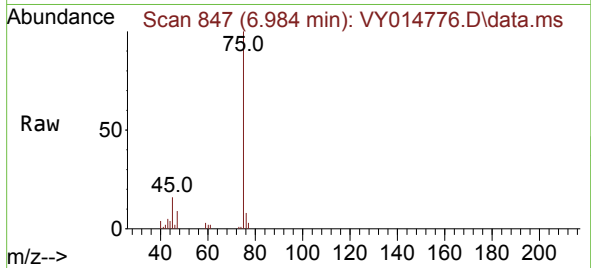




#25
2-Butanone
Concen: 1.365 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

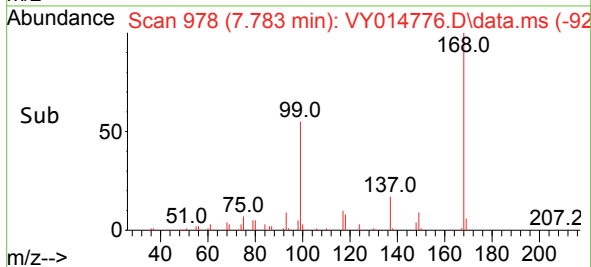
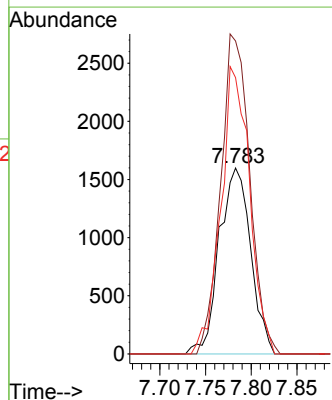
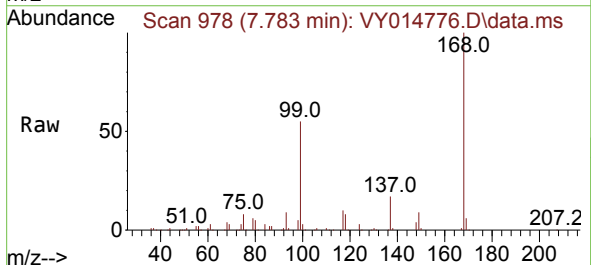
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072023

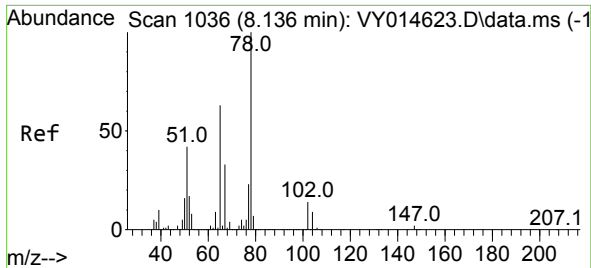
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Tgt Ion: 56 Resp: 3822
Ion Ratio Lower Upper
56 100
69 168.4 27.8 41.6#
84 148.7 66.4 99.6#

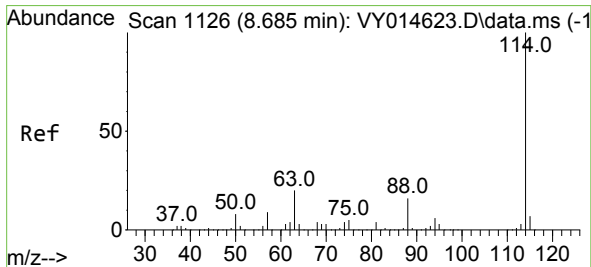
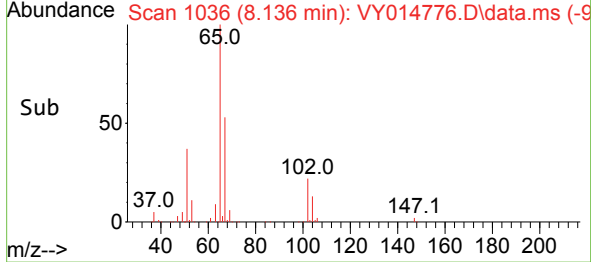
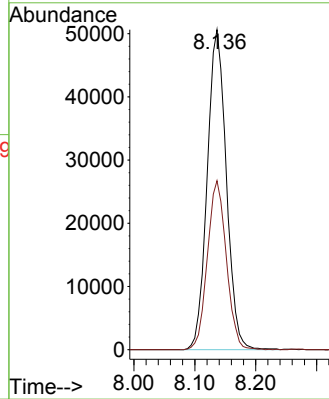
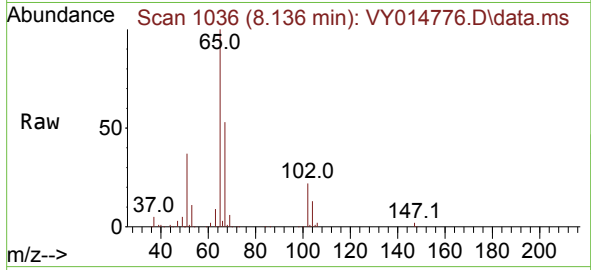




#33
 1,2-Dichloroethane-d4
 Concen: 54.875 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY014776.D
 Acq: 24 Jul 2023 16:42

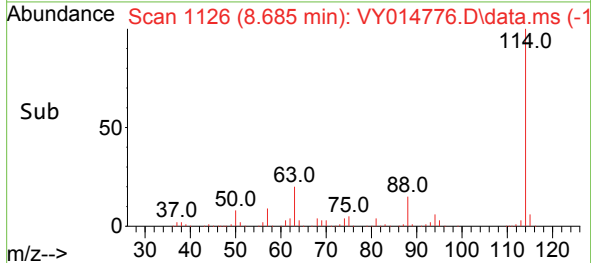
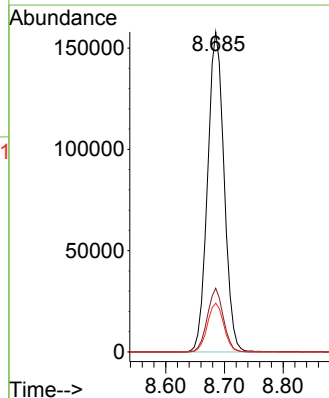
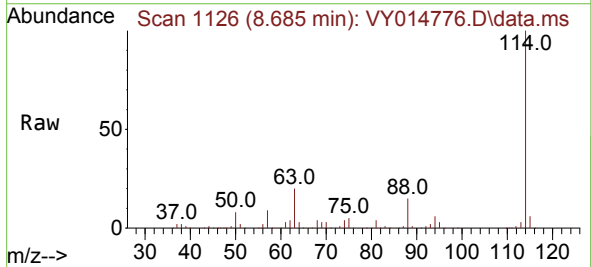
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-072023

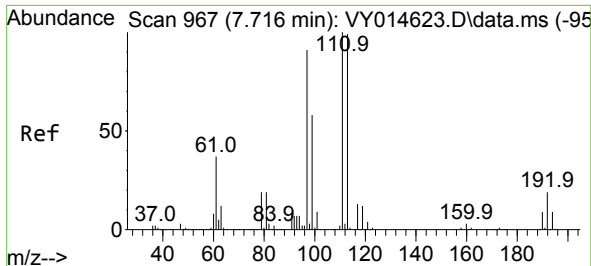
Tgt Ion: 65 Resp: 110362
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014776.D
 Acq: 24 Jul 2023 16:42

Tgt Ion: 114 Resp: 307901
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.2 0.0 30.6

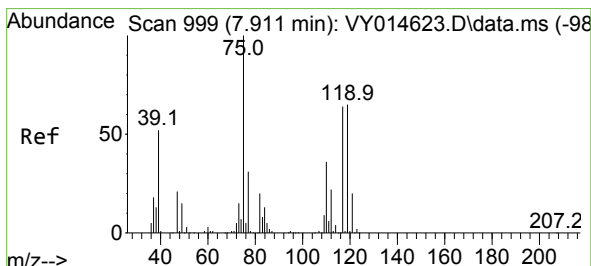
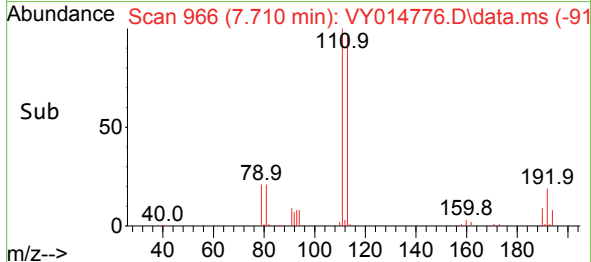
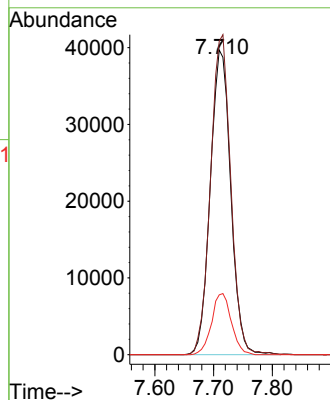
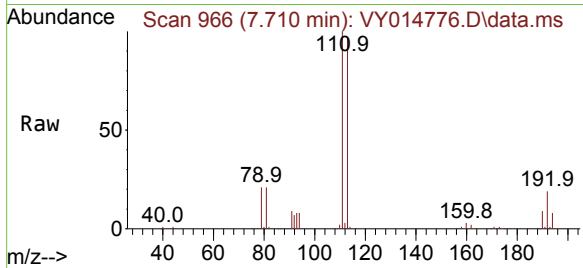




#35
Dibromofluoromethane
Concen: 48.987 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

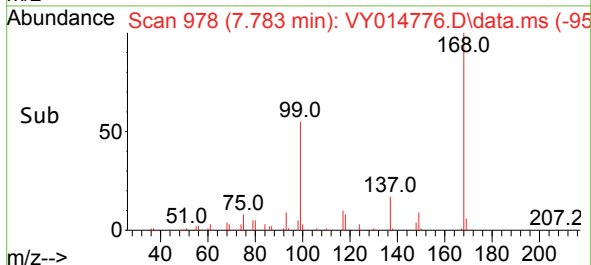
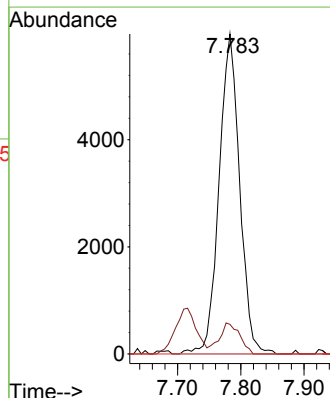
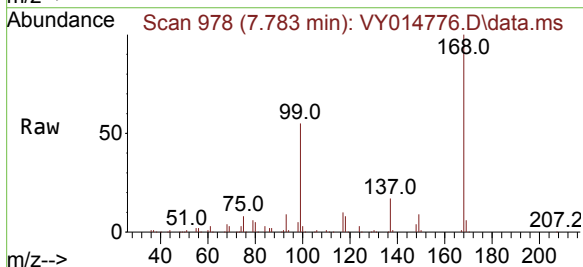
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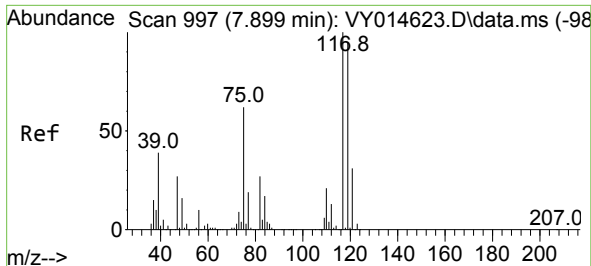
Tgt Ion:113 Resp: 96015
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Tgt Ion: 75 Resp: 13479
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#

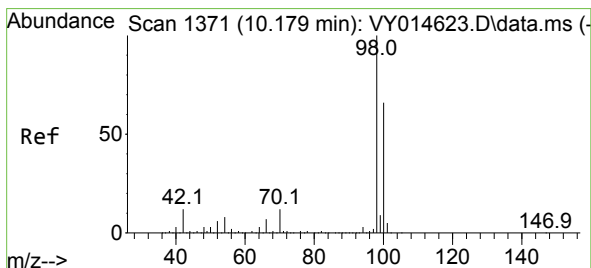
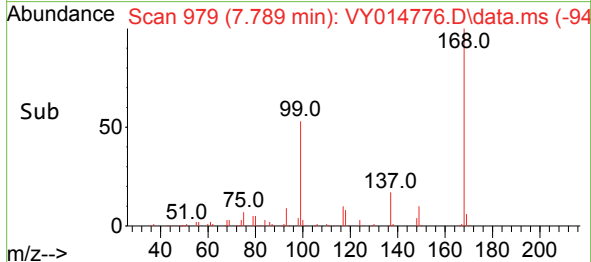
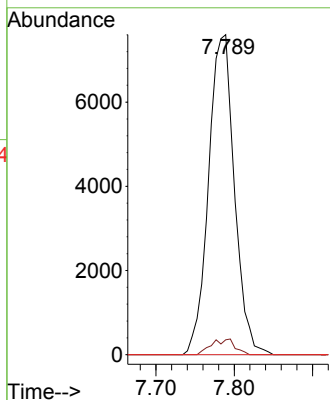
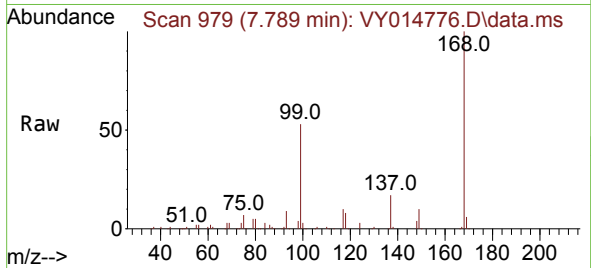




#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

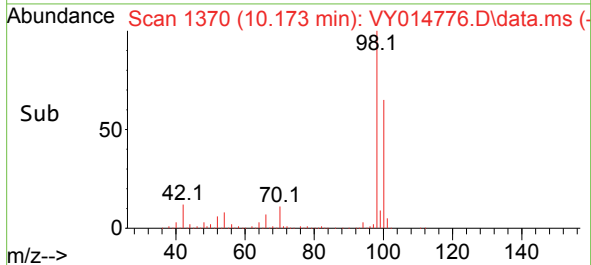
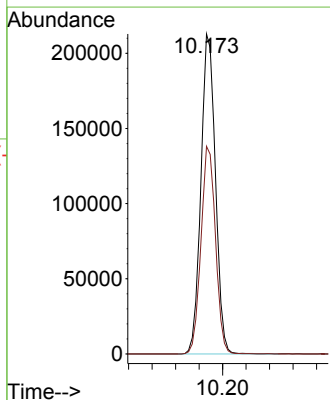
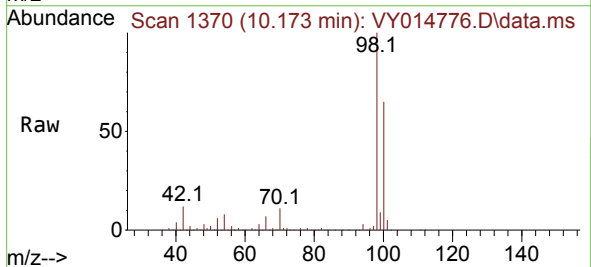
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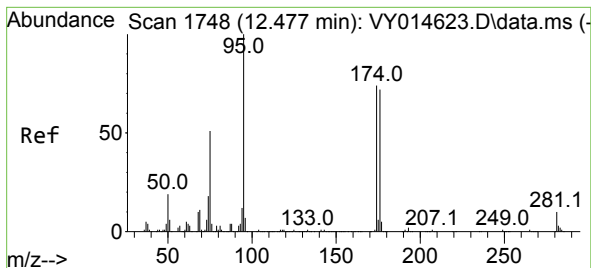
Tgt Ion:117 Resp: 17445
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.578 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Tgt Ion: 98 Resp: 365484
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

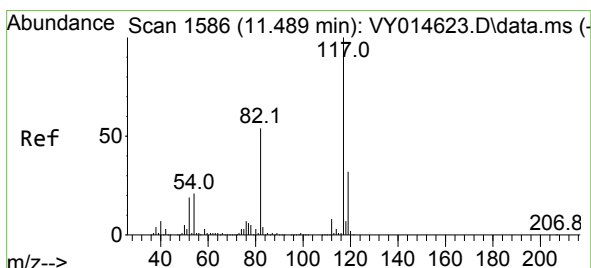
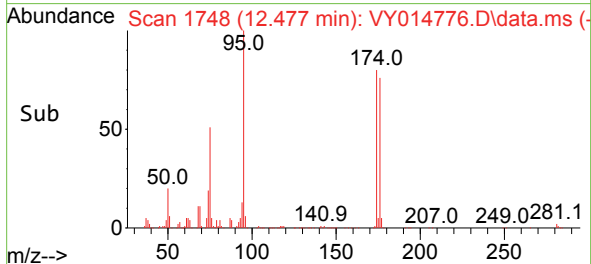
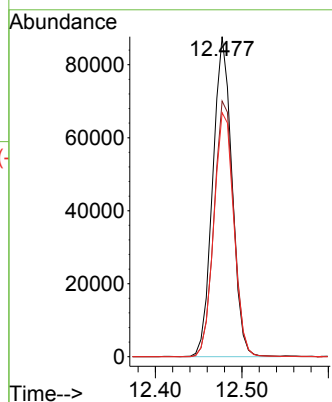
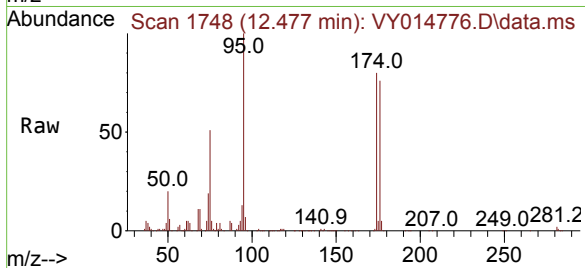




#62
4-Bromofluorobenzene
Concen: 48.827 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

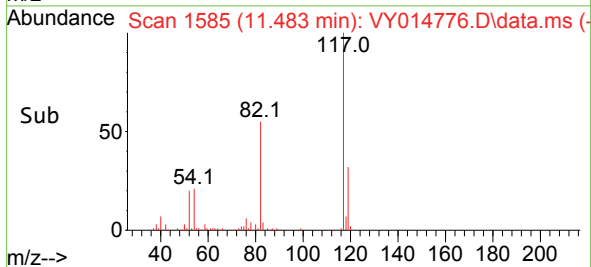
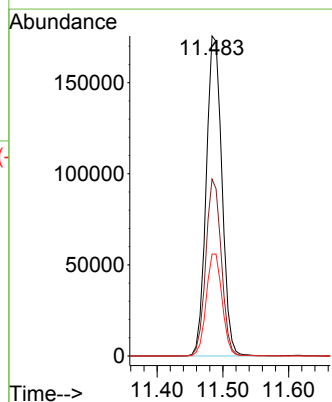
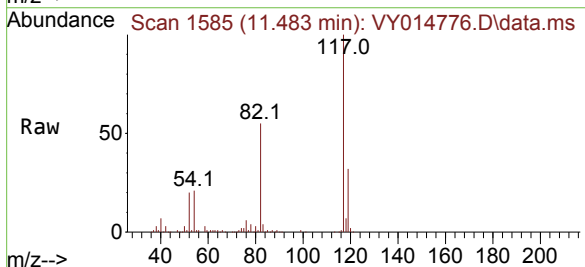
Instrument :
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EO-01-072023

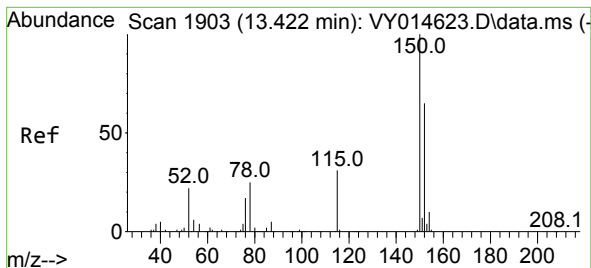
Tgt Ion: 95 Resp: 135291
Ion Ratio Lower Upper
95 100
174 82.2 0.0 178.2
176 79.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Tgt Ion: 117 Resp: 292196
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.8 26.3 39.5

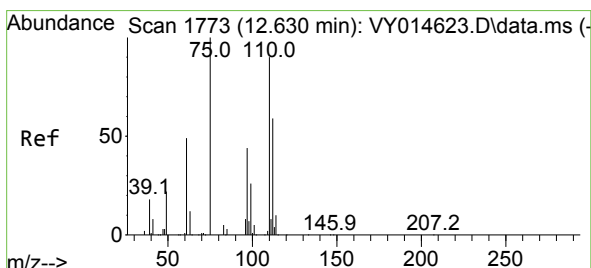
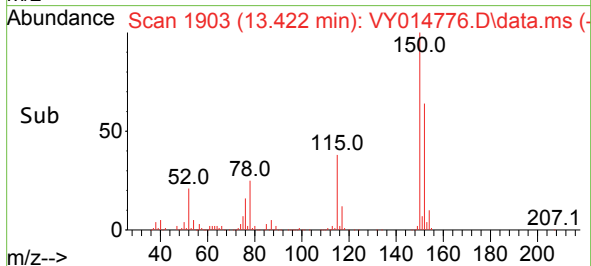
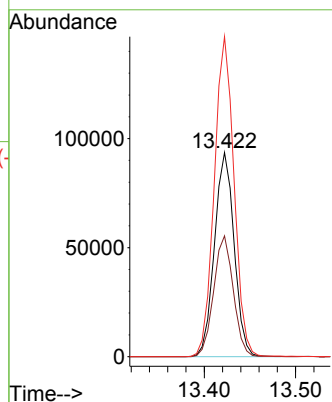
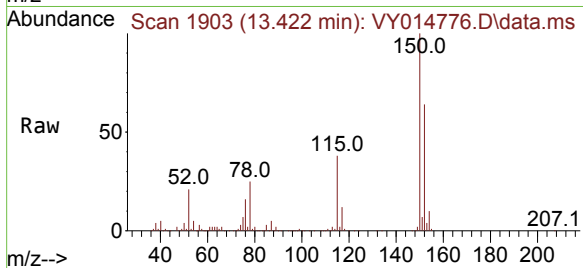




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014776.D
 Acq: 24 Jul 2023 16:42

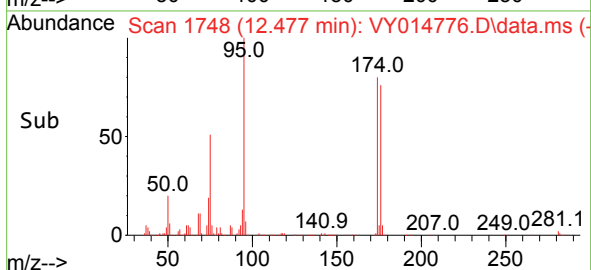
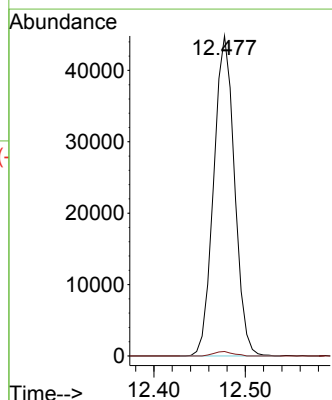
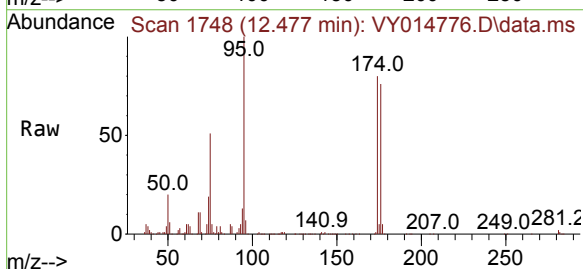
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-072023

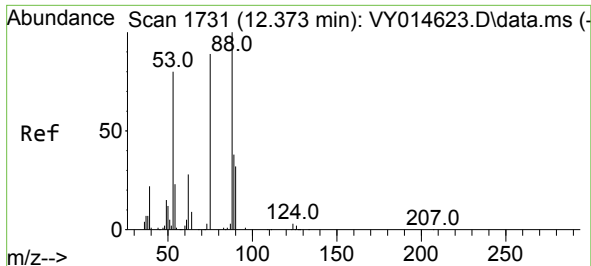
Tgt Ion:152 Resp: 140102
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.8 86.5
 150 157.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.075 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY014776.D
 Acq: 24 Jul 2023 16:42

Tgt Ion: 75 Resp: 70911
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

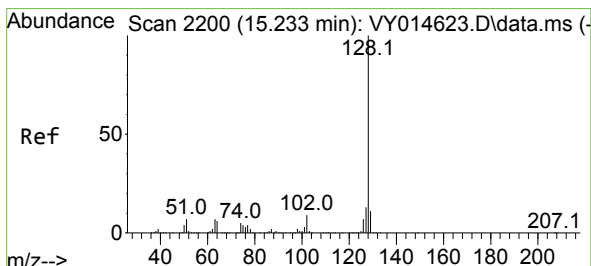
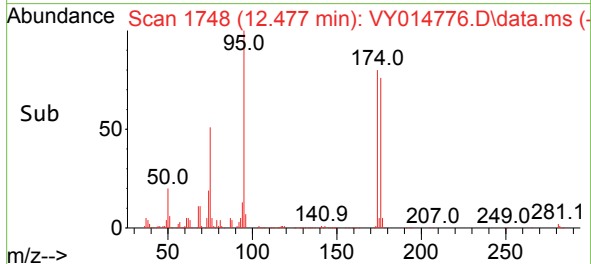
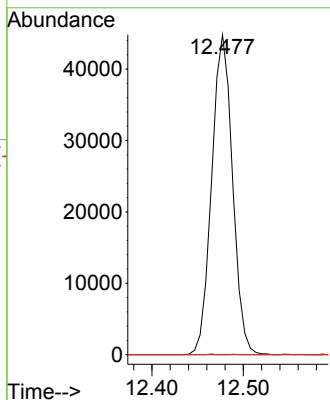
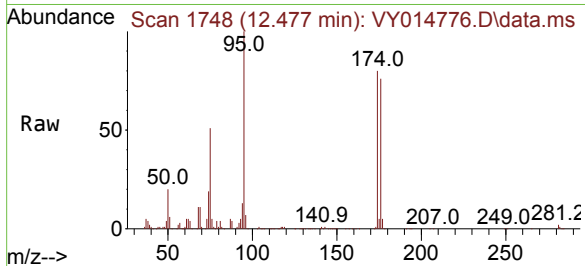




#81
trans-1,4-Dichloro-2-butene
Concen: 77.593 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072023

Tgt Ion: 75 Resp: 70911
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 2.737 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Tgt Ion: 128 Resp: 18072
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0

