

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015110.D
 Acq On : 15 Aug 2023 17:53
 Operator : SY/MD
 Sample : 04012-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 02:07:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

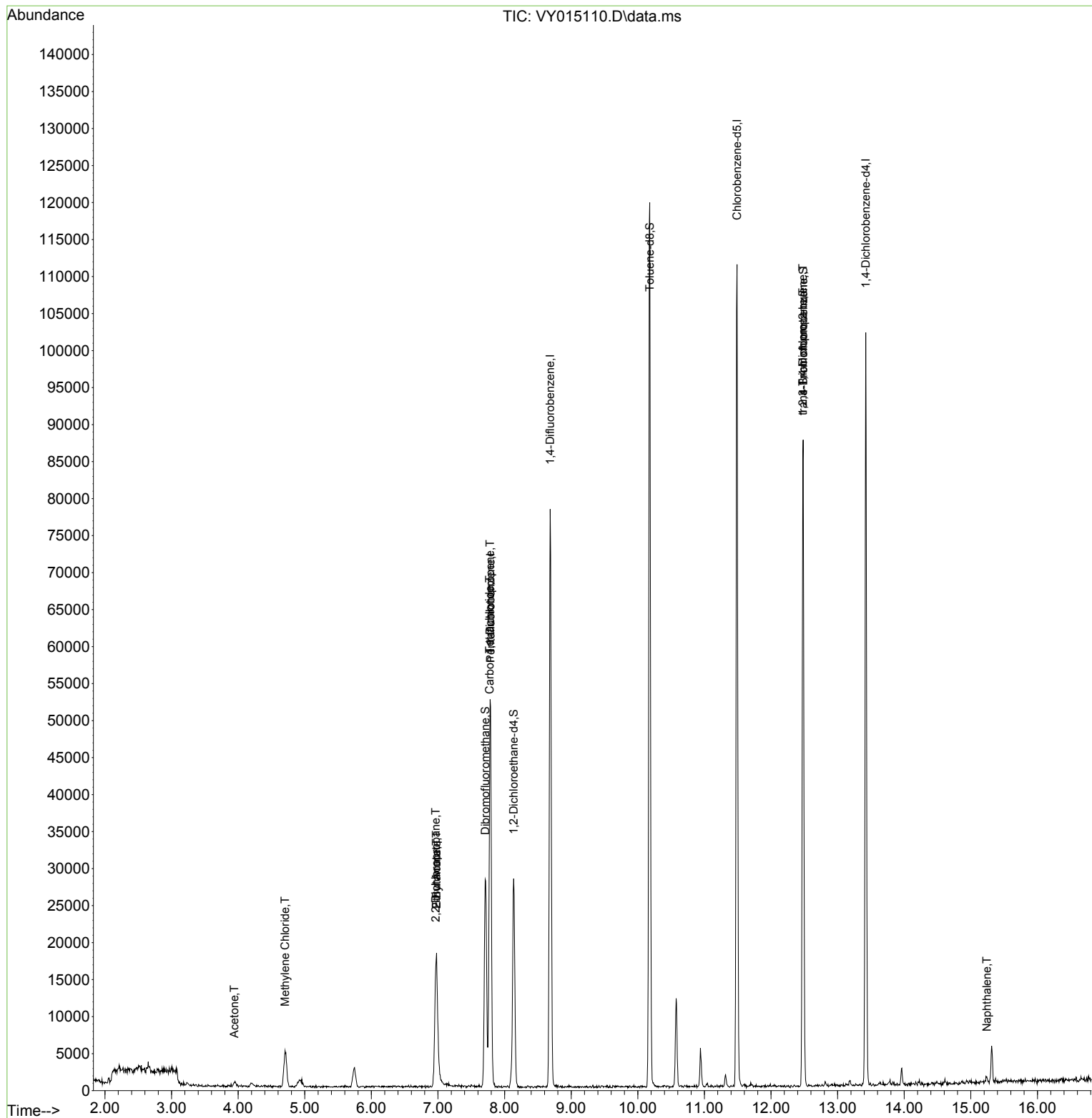
Internal Standards						
1) Pentafluorobenzene	7.789	168	41784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	67847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	61141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22533	44.924	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.840%		
35) Dibromofluoromethane	7.710	113	21035	48.192	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.380%		
50) Toluene-d8	10.179	98	80312	49.428	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.483	95	24865	41.898	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.800%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	187	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	1189	Below Cal	#	89
16) Acetone	3.942	43	1322	8.068	ug/l #	85
20) Methylene Chloride	4.704	84	3739	5.688	ug/l #	82
25) 2-Butanone	6.978	43	1080	4.655	ug/l #	83
26) 2,2-Dichloropropane	6.966	77	1519	2.263	ug/l #	54
31) Cyclohexane	7.783	56	921	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	3552	7.356	ug/l #	48
37) Ethyl Acetate	6.978	43	1080	2.399	ug/l #	1
38) Carbon Tetrachloride	7.777	117	4195	7.340	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	13849	45.471	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13849	99.876	ug/l #	10
95) Naphthalene	15.239	128	1195	1.026	ug/l #	72

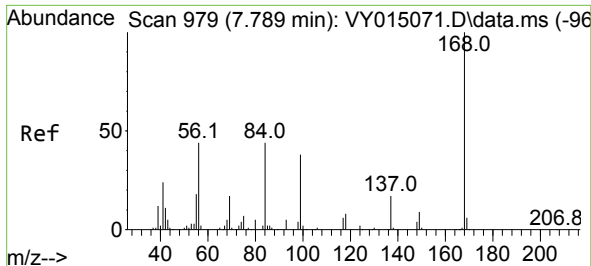
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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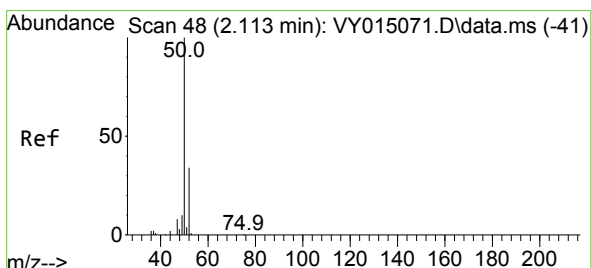
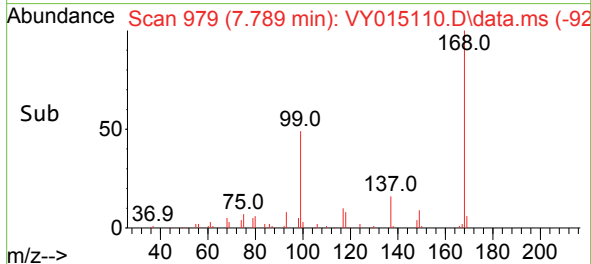
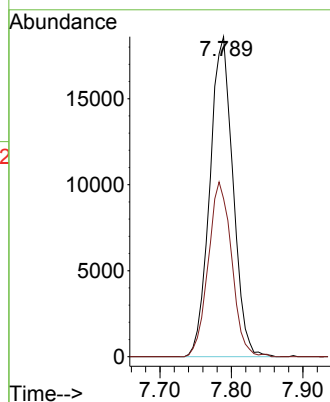
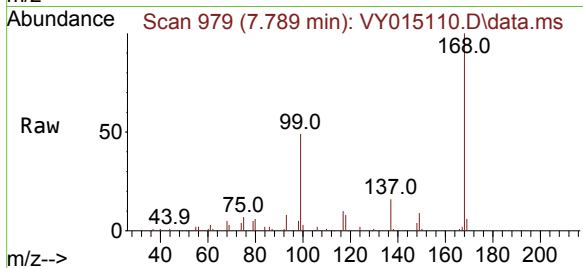




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

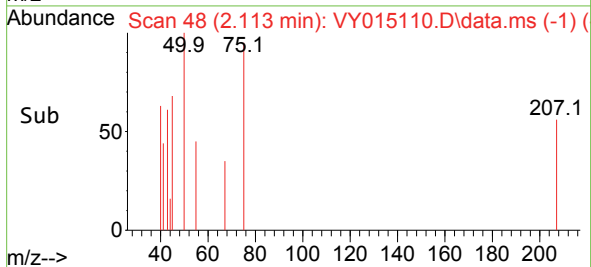
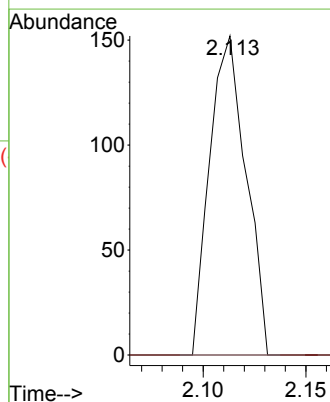
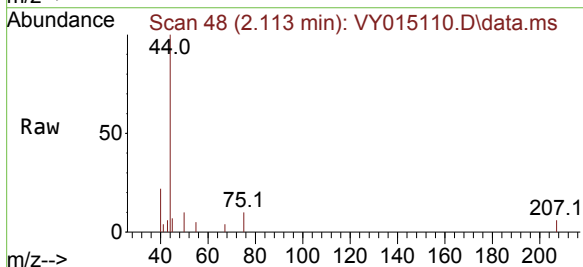
Instrument :
MSVOA_Y
ClientSampleId :

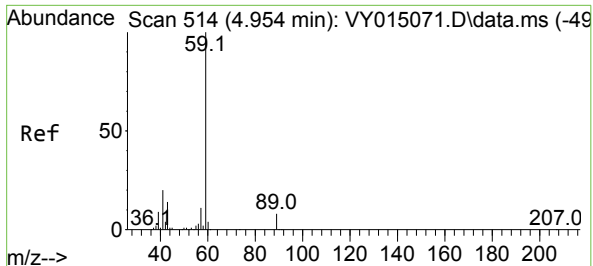
Tgt Ion:168 Resp: 41784
Ion Ratio Lower Upper
168 100
99 49.4 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion: 50 Resp: 187
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 514

Delta R.T. -0.018 min

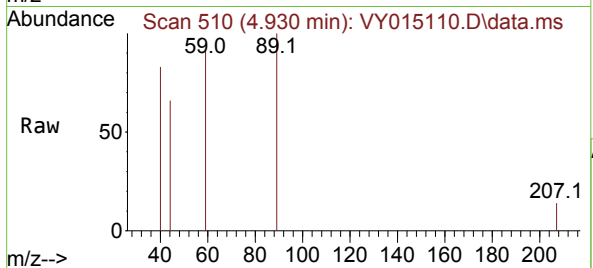
Lab File: VY015110.D

Acq: 15 Aug 2023 17:53

Instrument :

MSVOA_Y

ClientSampleId :

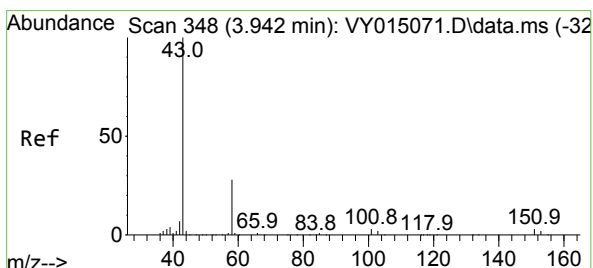
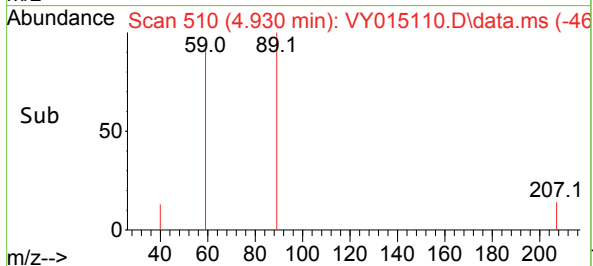
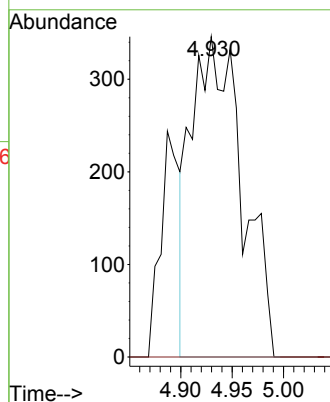


Tgt Ion: 59 Resp: 1189

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 8.068 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY015110.D

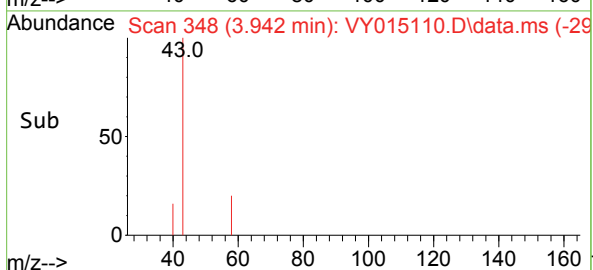
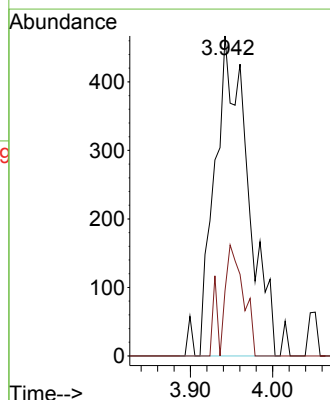
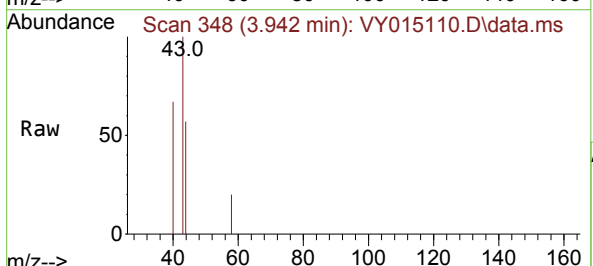
Acq: 15 Aug 2023 17:53

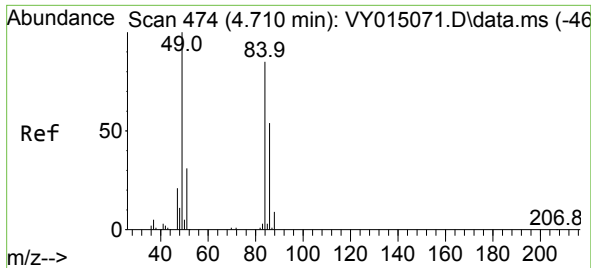
Tgt Ion: 43 Resp: 1322

Ion Ratio Lower Upper

43 100

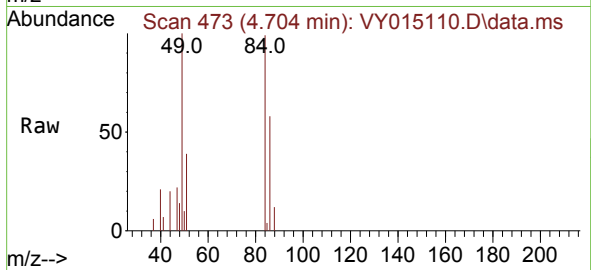
58 20.3 22.7 34.1#





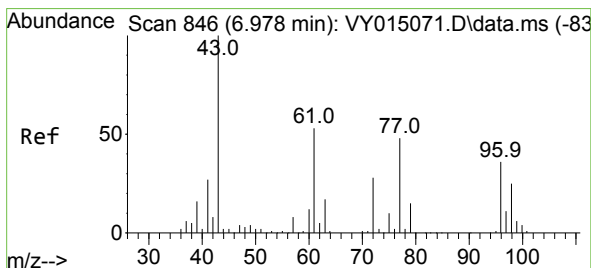
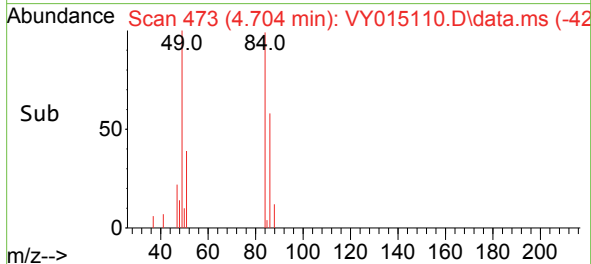
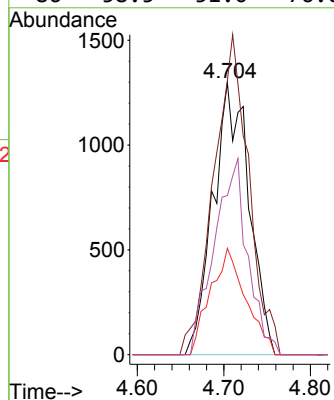
#20
Methylene Chloride
Concen: 5.688 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3739

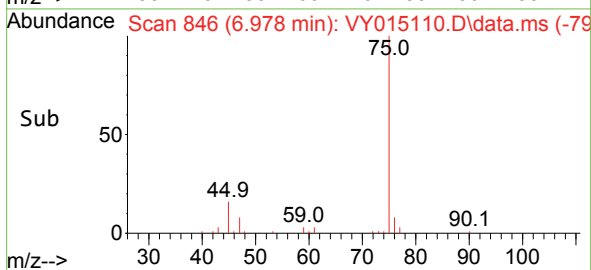
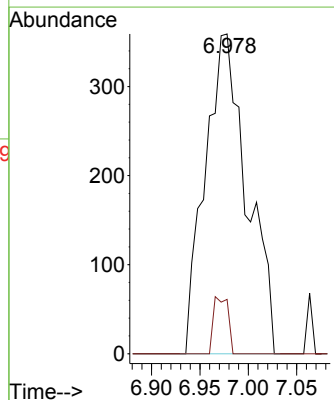
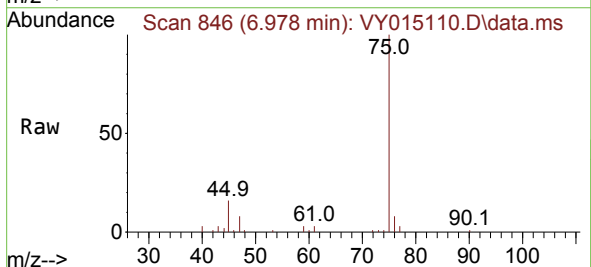
Ion	Ratio	Lower	Upper
84	100		
49	100.8	106.9	160.3#
51	39.1	33.2	49.8
86	58.5	51.0	76.6

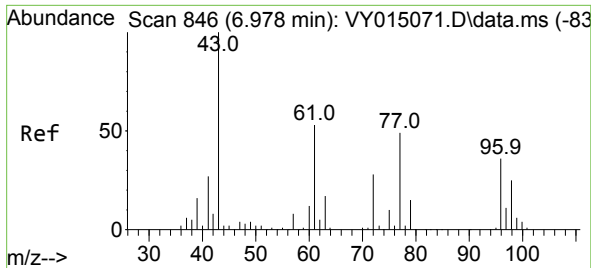


#25
2-Butanone
Concen: 4.655 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion: 43 Resp: 1080

Ion	Ratio	Lower	Upper
43	100		
72	17.0	20.5	30.7#

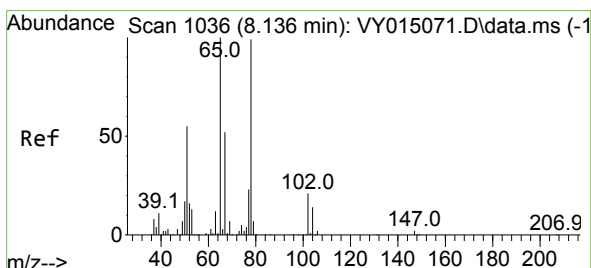
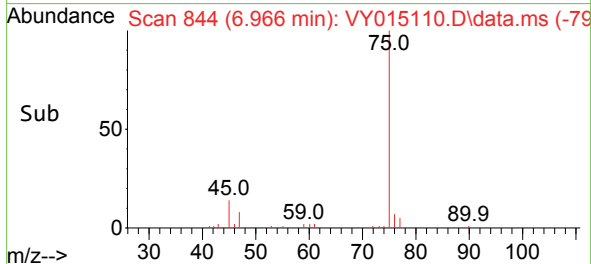
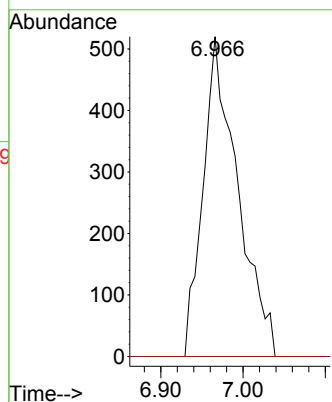
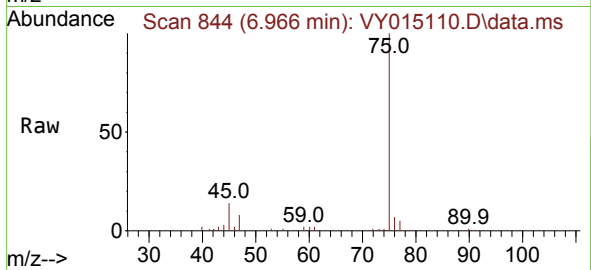




#26
2,2-Dichloropropane
Concen: 2.263 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

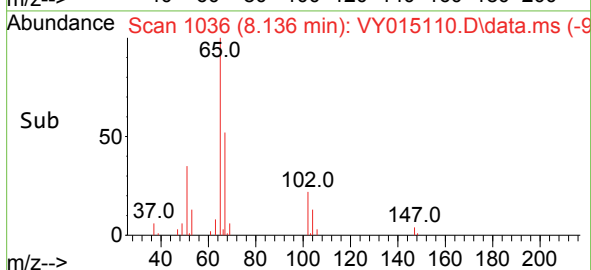
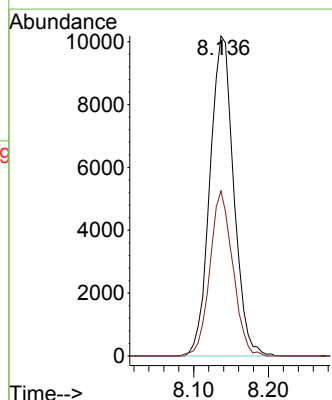
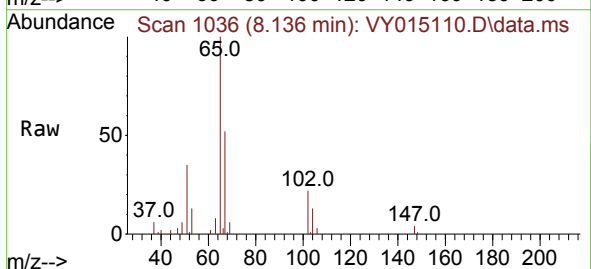
Instrument :
MSVOA_Y
ClientSampleId :

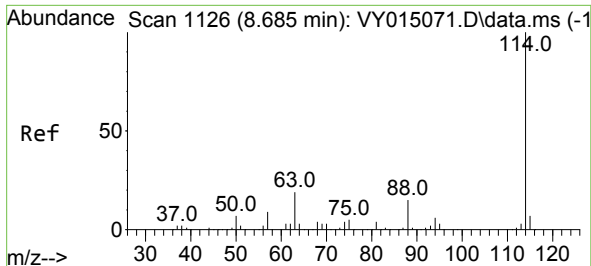
Tgt Ion: 77 Resp: 1519
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 44.924 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion: 65 Resp: 22533
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

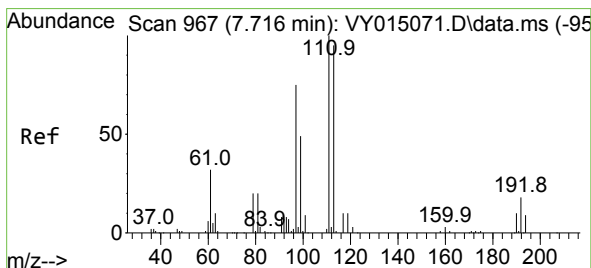
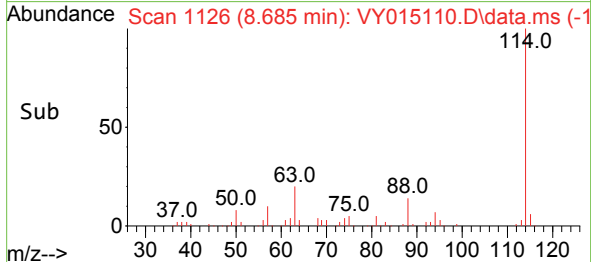
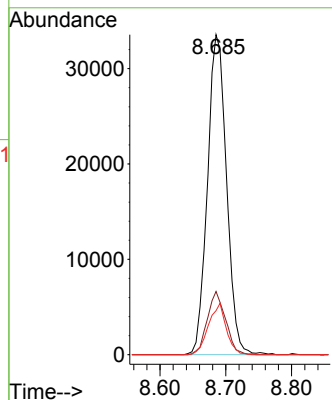
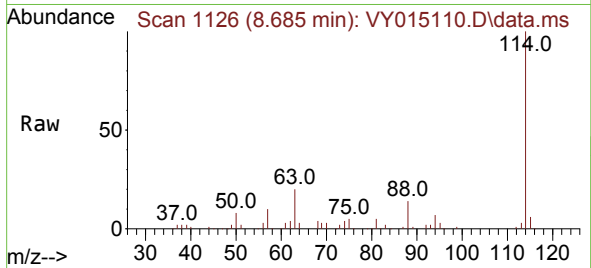




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

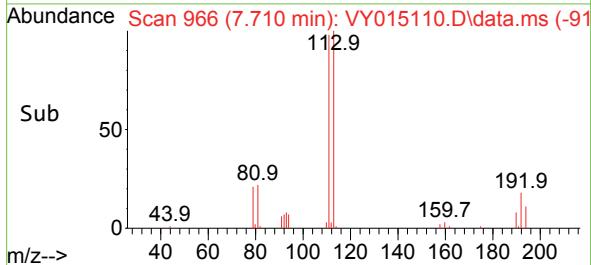
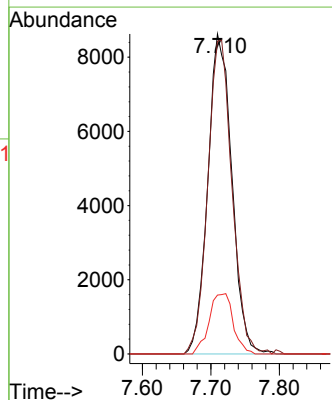
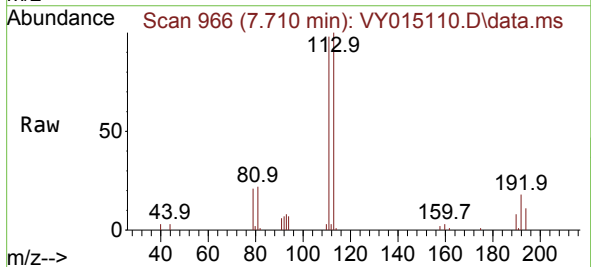
Instrument :
MSVOA_Y
ClientSampleId :

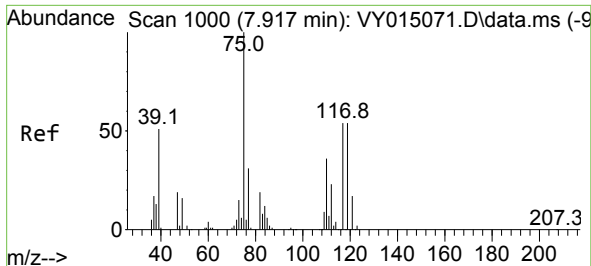
Tgt Ion:114 Resp: 67847
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 13.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.192 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

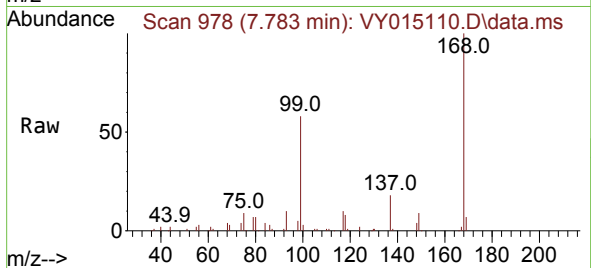
Tgt Ion:113 Resp: 21035
Ion Ratio Lower Upper
113 100
111 98.8 81.3 121.9
192 18.9 16.9 25.3



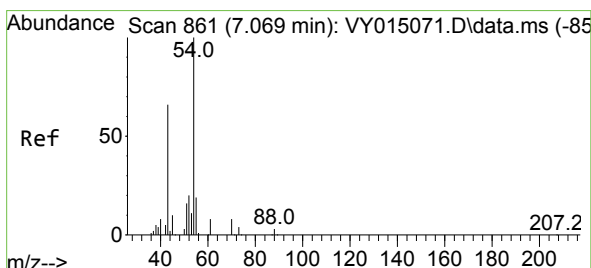
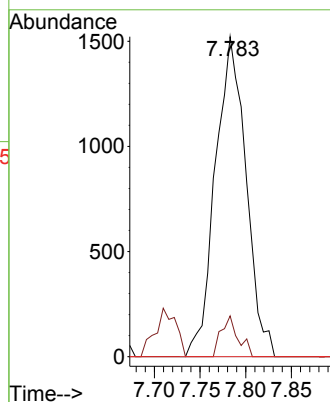
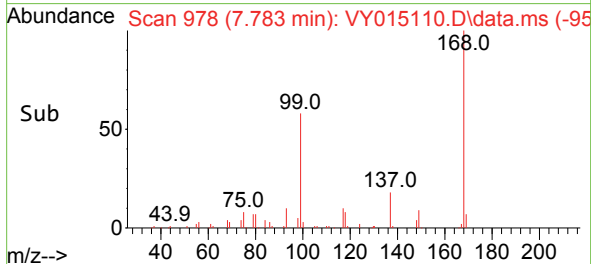


#36
1,1-Dichloropropene
Concen: 7.356 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

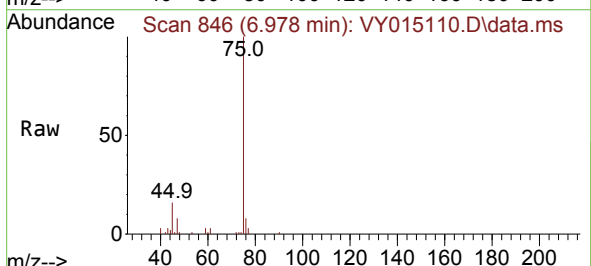
Instrument :
MSVOA_Y
ClientSampleId :



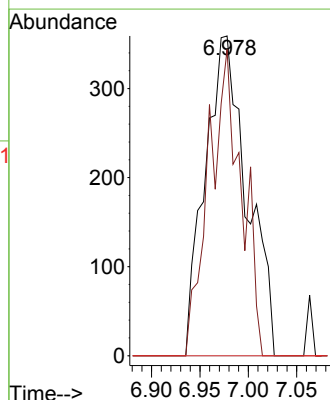
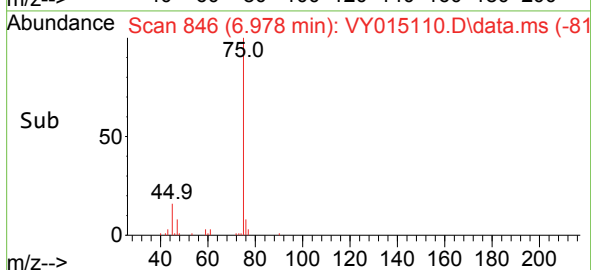
Tgt Ion: 75 Resp: 3552
Ion Ratio Lower Upper
75 100
110 7.0 17.8 53.5#
77 0.0 24.4 36.6#

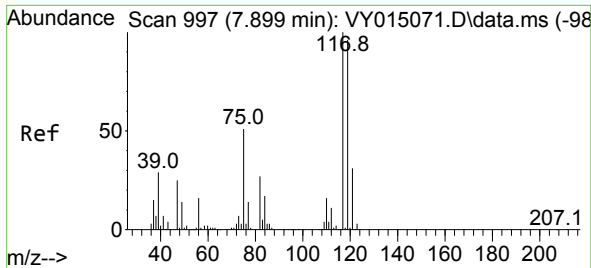


#37
Ethyl Acetate
Concen: 2.399 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53



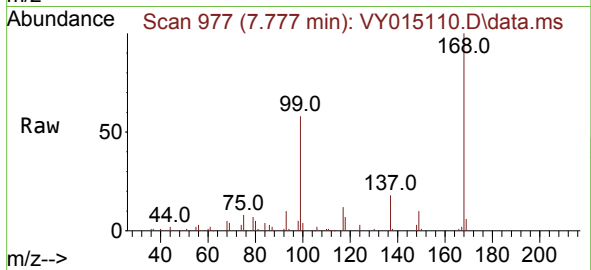
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
61 75.0 10.1 15.1#
70 0.0 7.1 10.7#



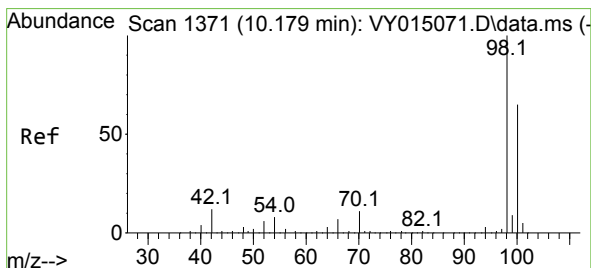
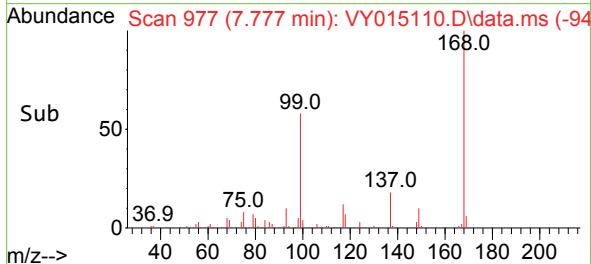
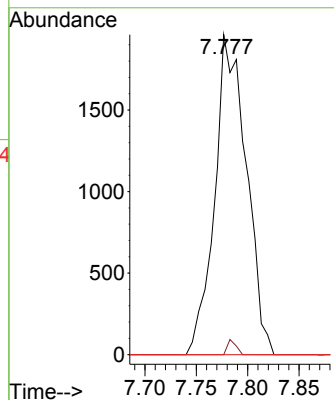


#38
Carbon Tetrachloride
Concen: 7.340 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Instrument :
MSVOA_Y
ClientSampleId :

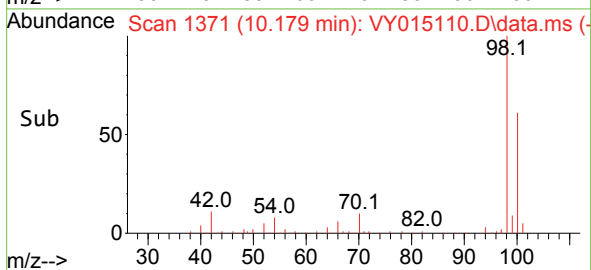
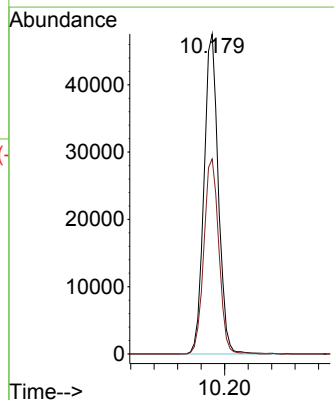
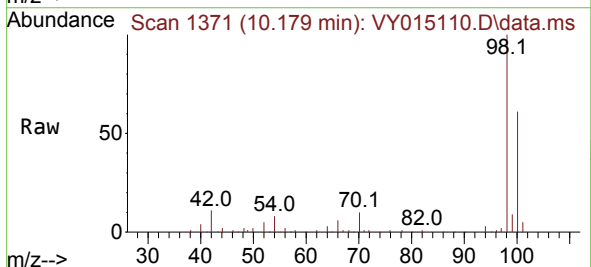


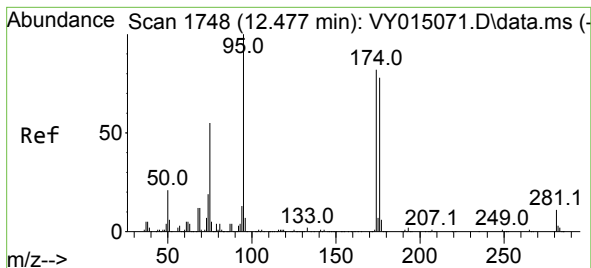
Tgt Ion:117 Resp: 4195
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.428 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion: 98 Resp: 80312
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

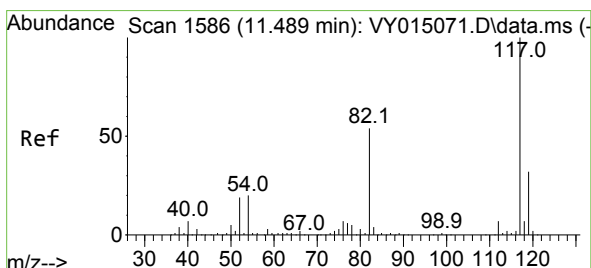
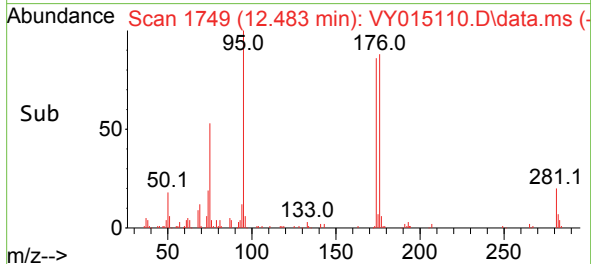
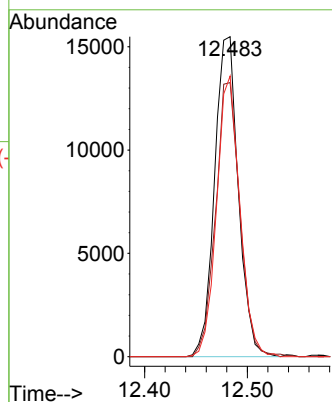
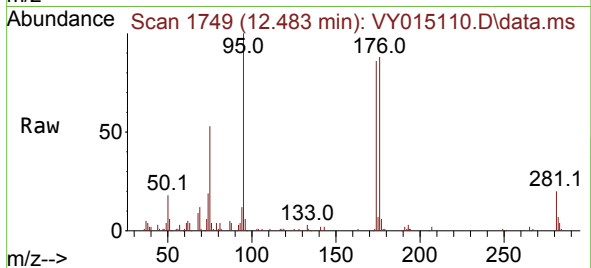




#62
4-Bromofluorobenzene
Concen: 41.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

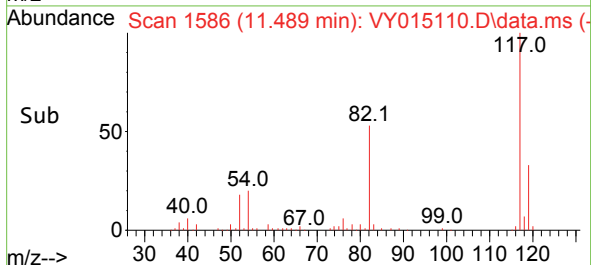
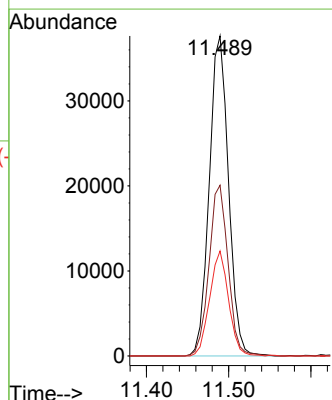
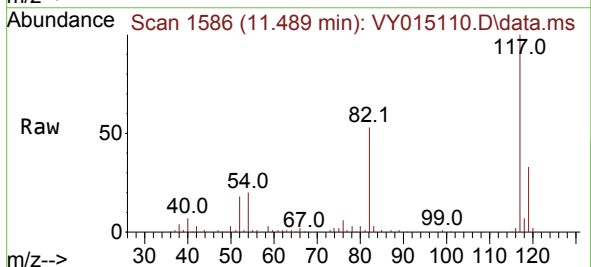
Instrument :
MSVOA_Y
ClientSampleId :

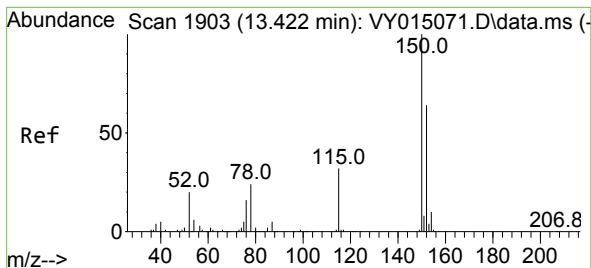
Tgt Ion: 95 Resp: 24865
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.2
176 85.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion: 117 Resp: 61141
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.8 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

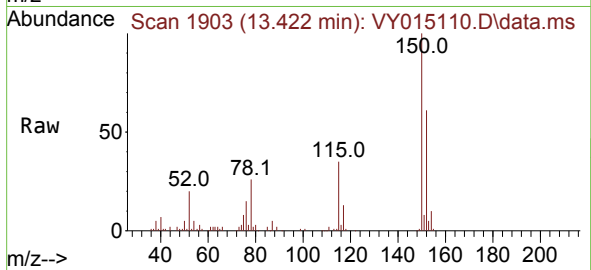
Lab File: VY015110.D

Acq: 15 Aug 2023 17:53

Instrument :

MSVOA_Y

ClientSampleId :



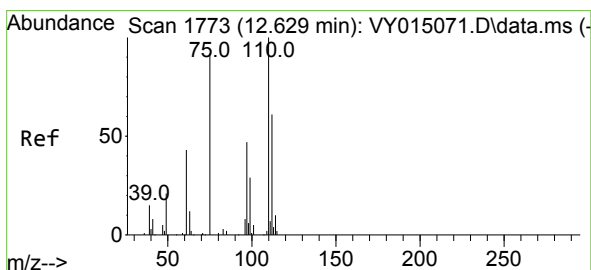
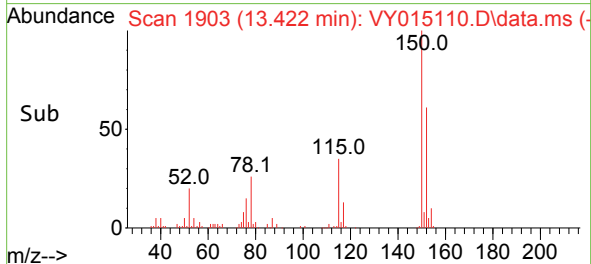
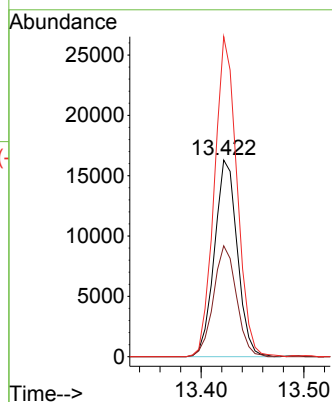
Tgt Ion:152 Resp: 25069

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 161.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 45.471 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015110.D

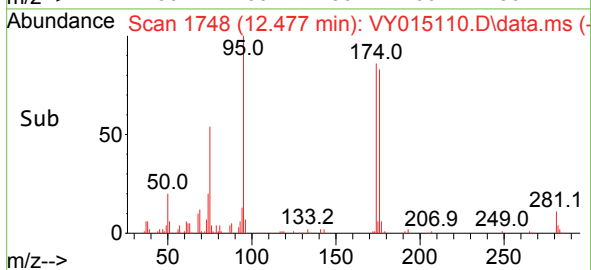
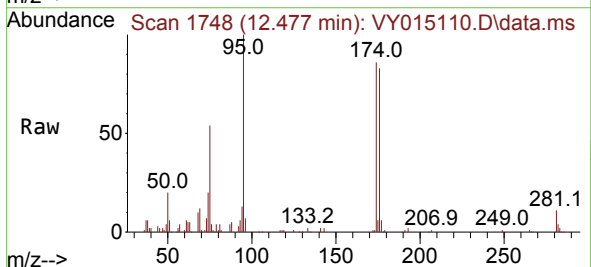
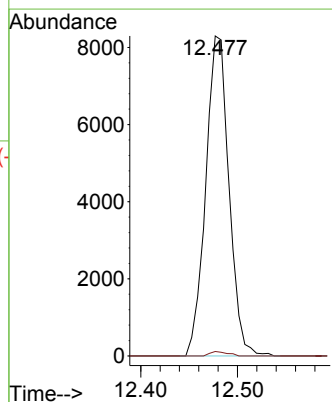
Acq: 15 Aug 2023 17:53

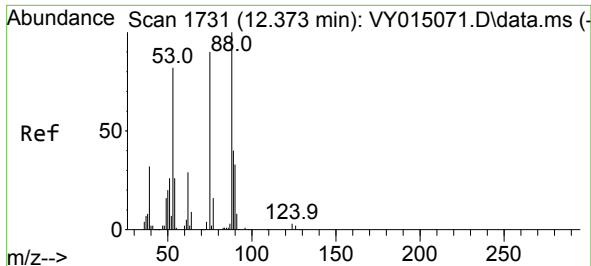
Tgt Ion: 75 Resp: 13849

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

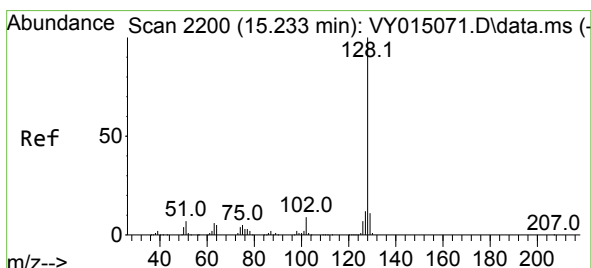
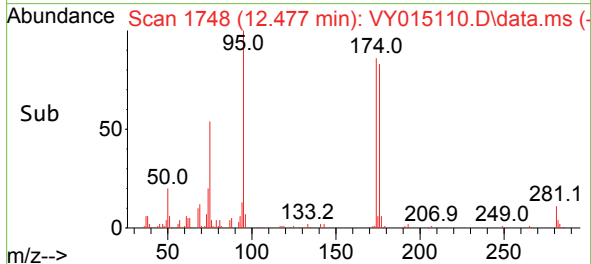
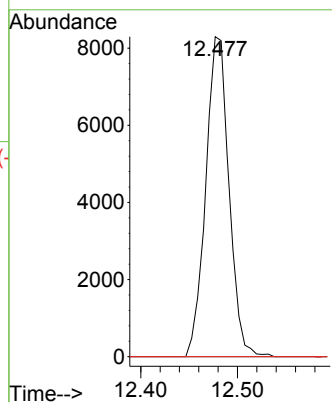
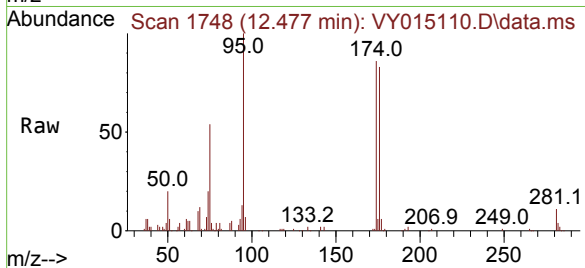




#81
trans-1,4-Dichloro-2-butene
Concen: 99.876 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 13849
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.026 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015110.D
Acq: 15 Aug 2023 17:53

Tgt Ion: 128 Resp: 1195
Ion Ratio Lower Upper
128 100
127 2.3 10.8 16.2#
129 0.0 8.6 13.0#

