

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015378.D
 Acq On : 30 Aug 2023 15:27
 Operator : SY/MD
 Sample : 04224-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:01:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

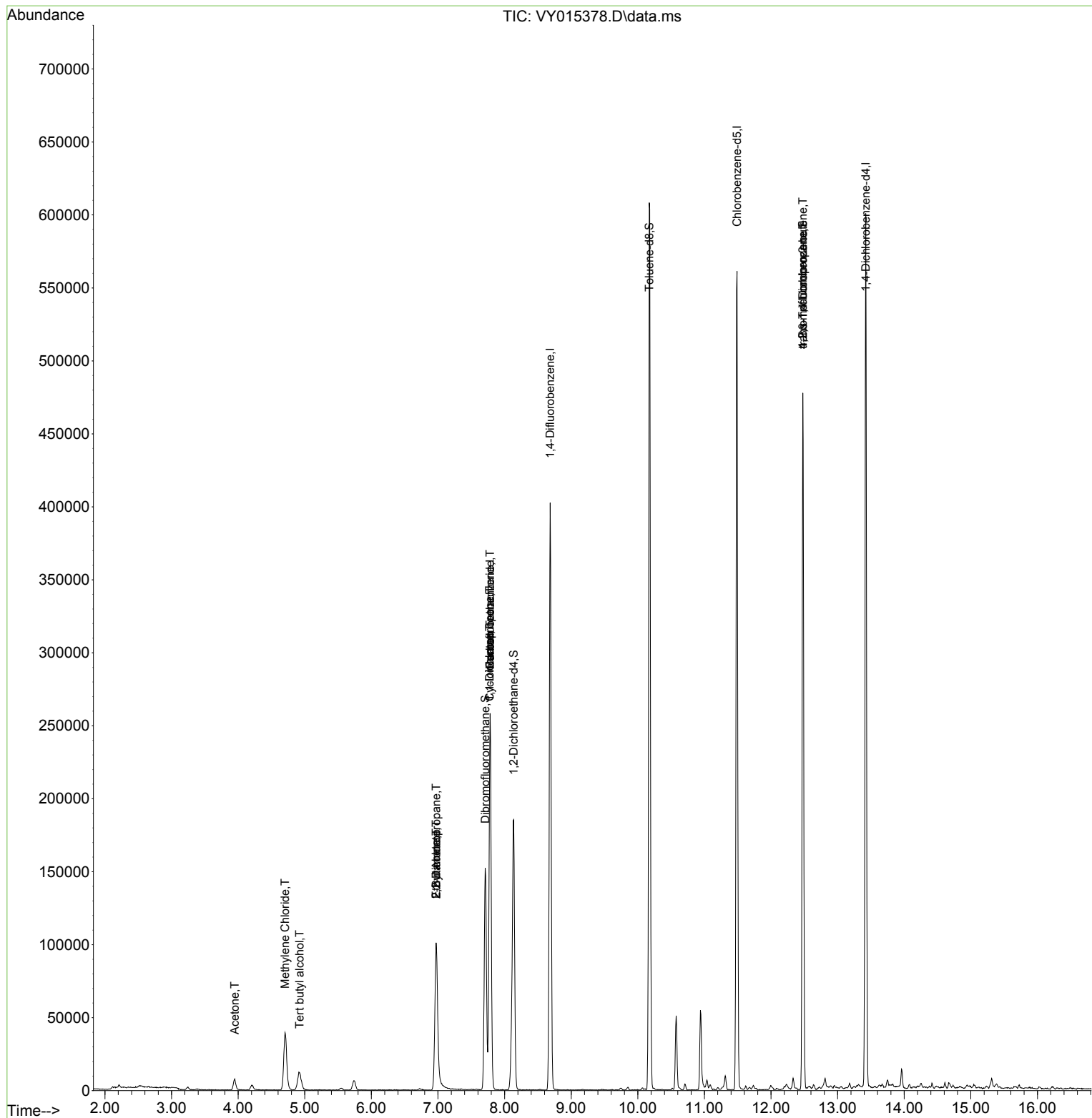
Internal Standards						
1) Pentafluorobenzene	7.783	168	198635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	306457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131506	61.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.520%	
35) Dibromofluoromethane	7.710	113	106338	54.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.173	98	398185	56.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.700%	
62) 4-Bromofluorobenzene	12.477	95	134935	51.440	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	13496	27.334	ug/l #	91
16) Acetone	3.948	43	12492	14.055	ug/l #	86
20) Methylene Chloride	4.704	84	29810	4.822	ug/l	96
25) 2-Butanone	6.972	43	5743	4.556	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	7676	2.274	ug/l #	54
31) Cyclohexane	7.777	56	4125	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	15680	4.577	ug/l #	50
37) Ethyl Acetate	6.972	43	5743	2.173	ug/l #	1
38) Carbon Tetrachloride	7.783	117	20026	5.659	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	73737	37.596	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73737	82.593	ug/l #	11

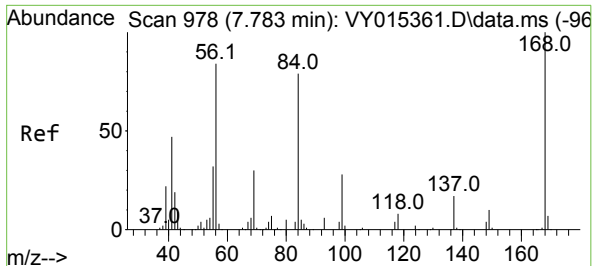
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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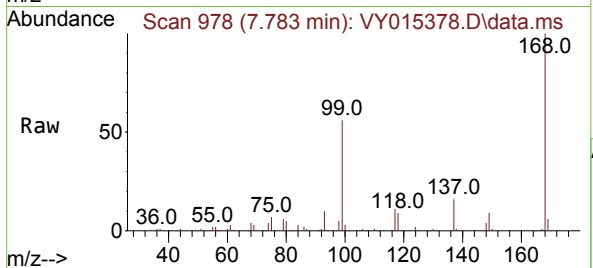
Quant Time: Aug 31 01:01:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
Response via : Initial Calibration



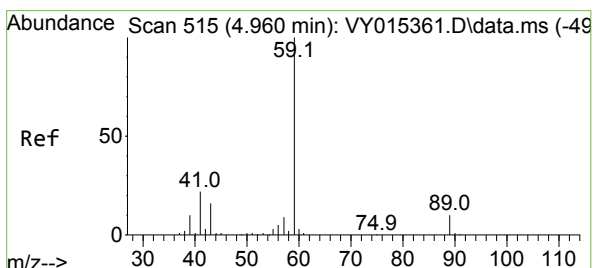
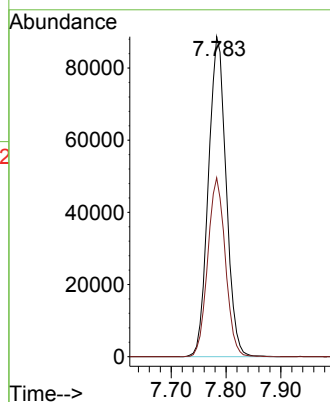
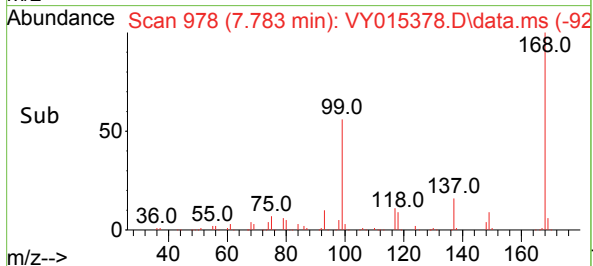


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

Instrument :
MSVOA_Y
ClientSampleId :

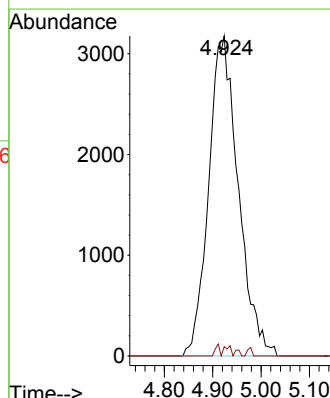
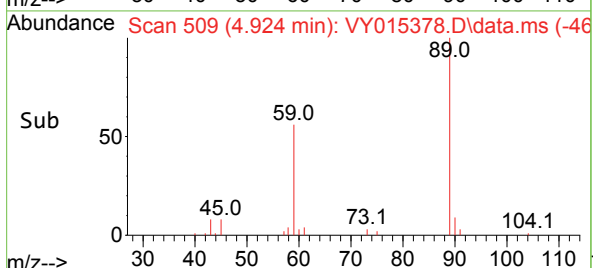
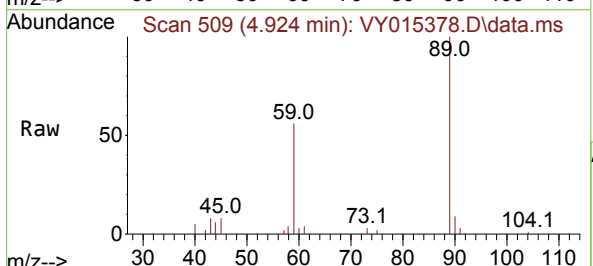


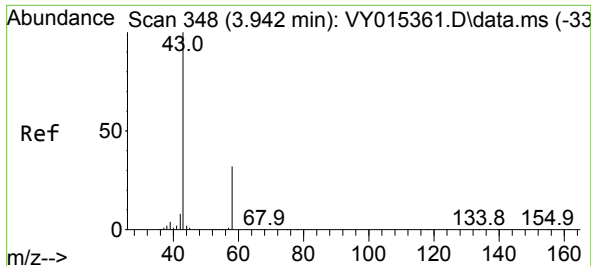
Tgt Ion:168 Resp: 198635
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 27.334 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

Tgt Ion: 59 Resp: 13496
Ion Ratio Lower Upper
59 100
57 0.7 3.0 4.4#

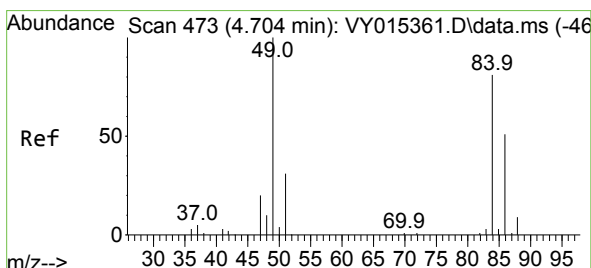
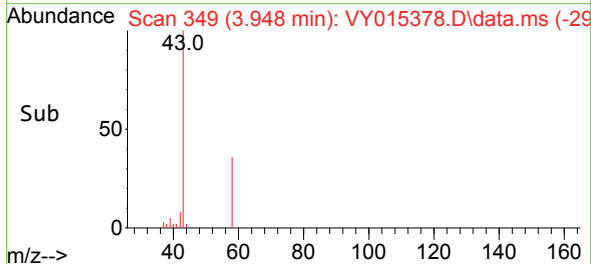
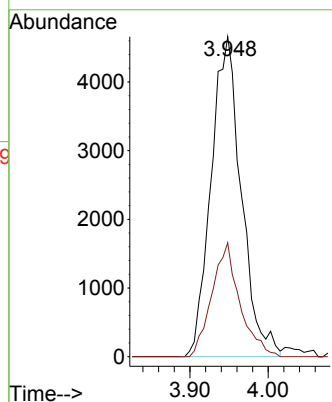
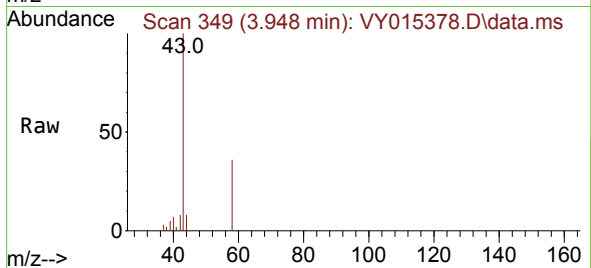




#16
Acetone
Concen: 14.055 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

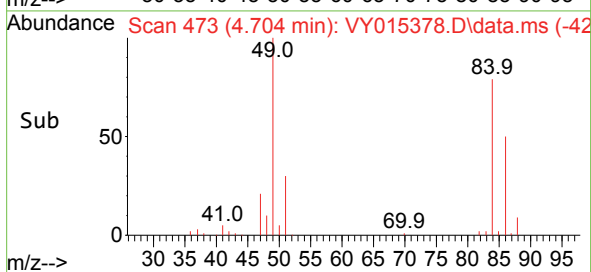
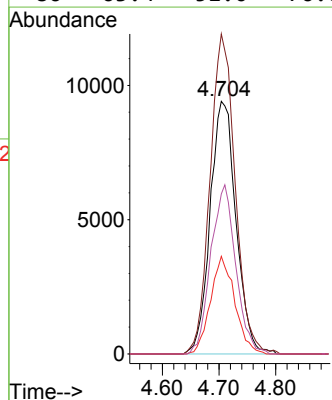
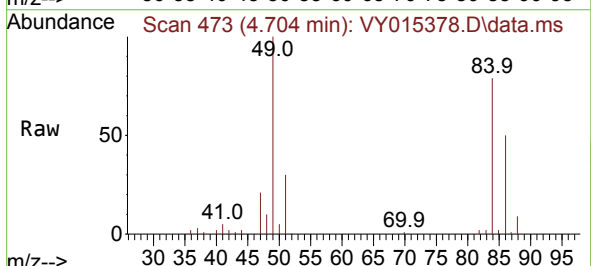
Instrument :
MSVOA_Y
ClientSampleId :

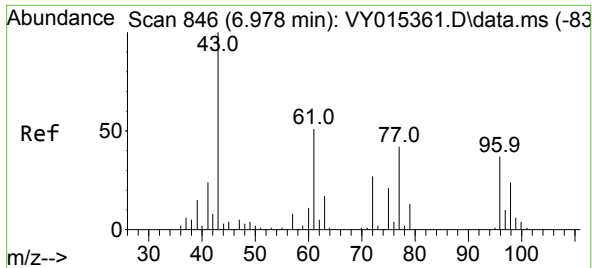
Tgt Ion: 43 Resp: 12492
Ion Ratio Lower Upper
43 100
58 35.6 22.7 34.1#



#20
Methylene Chloride
Concen: 4.822 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

Tgt Ion: 84 Resp: 29810
Ion Ratio Lower Upper
84 100
49 126.7 106.9 160.3
51 38.6 33.2 49.8
86 63.4 51.0 76.6





#25

2-Butanone

Concen: 4.556 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY015378.D

Acq: 30 Aug 2023 15:27

Instrument :

MSVOA_Y

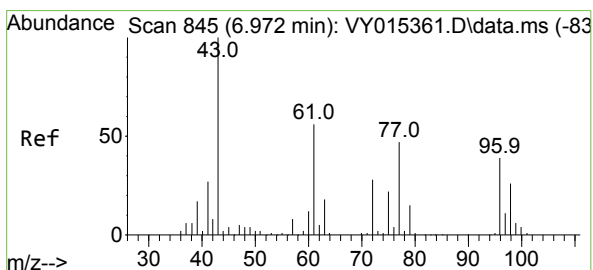
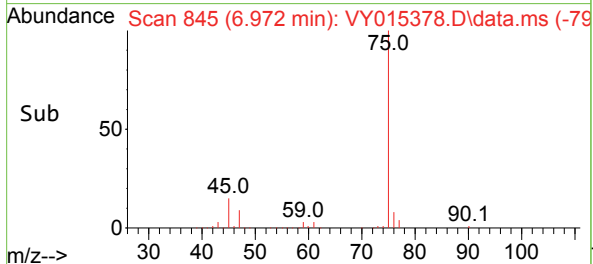
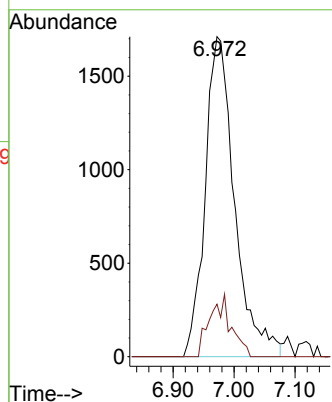
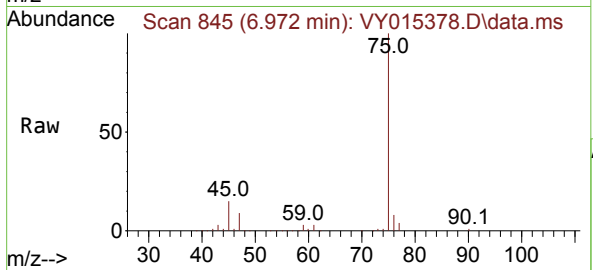
ClientSampleId :

Tgt Ion: 43 Resp: 5743

Ion Ratio Lower Upper

43 100

72 16.4 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 2.274 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015378.D

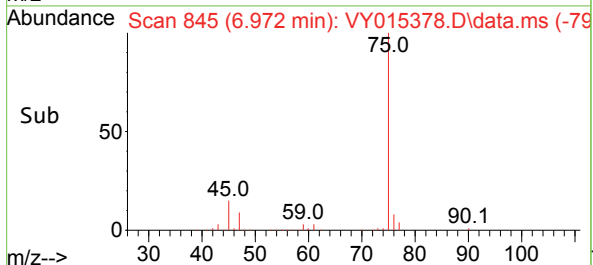
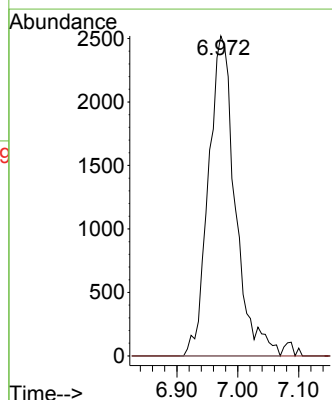
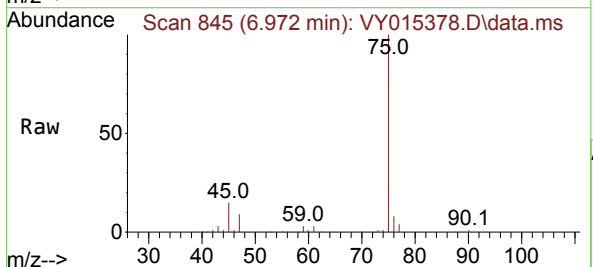
Acq: 30 Aug 2023 15:27

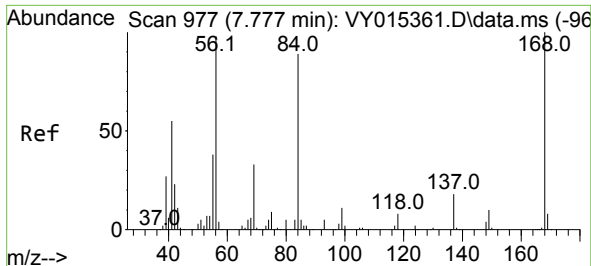
Tgt Ion: 77 Resp: 7676

Ion Ratio Lower Upper

77 100

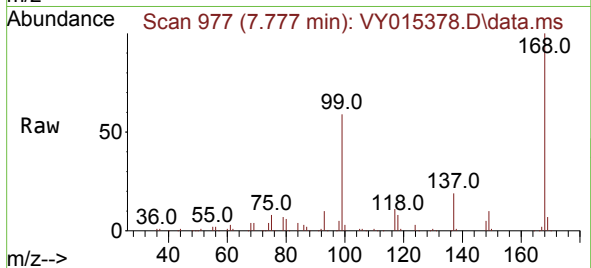
97 0.0 10.9 32.9#



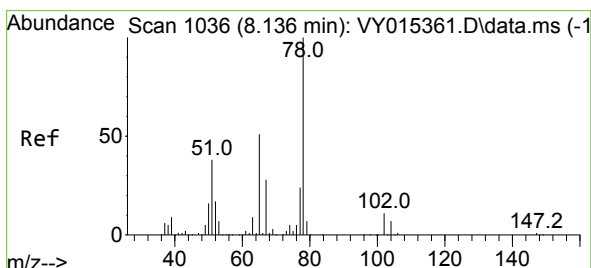
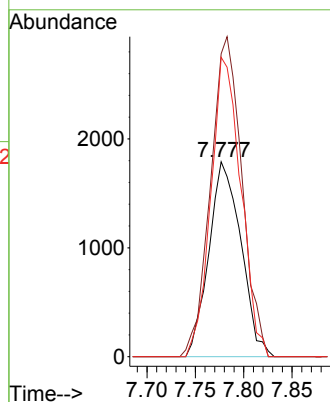
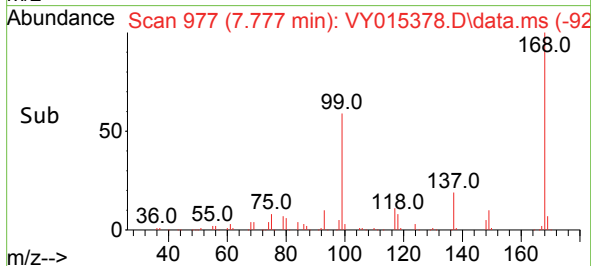


#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

Instrument :
MSVOA_Y
ClientSampleId :

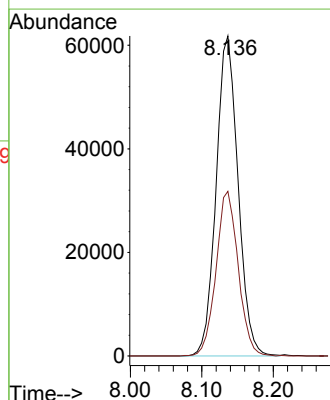
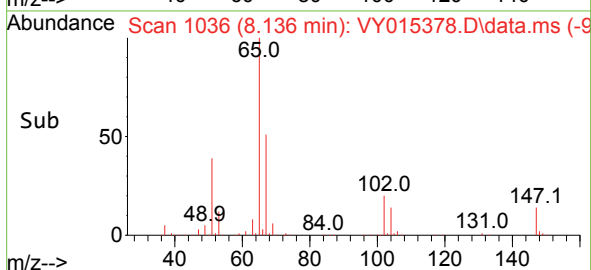
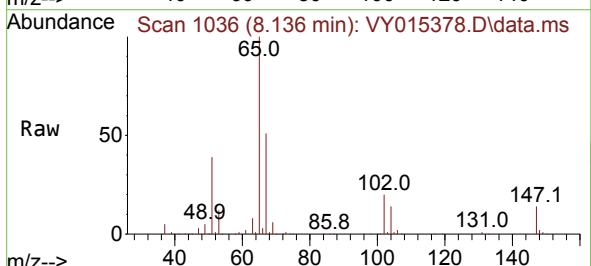


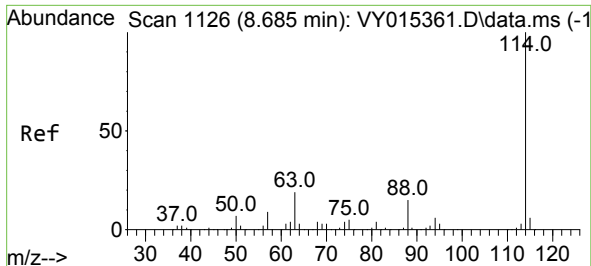
Tgt Ion: 56 Resp: 4125
Ion Ratio Lower Upper
56 100
69 155.4 27.8 41.6#
84 153.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 61.759 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

Tgt Ion: 65 Resp: 131506
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8

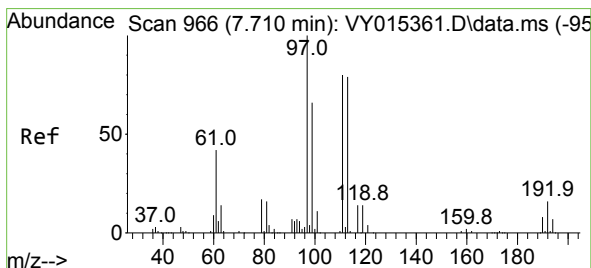
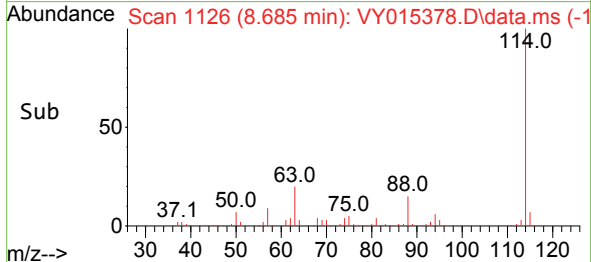
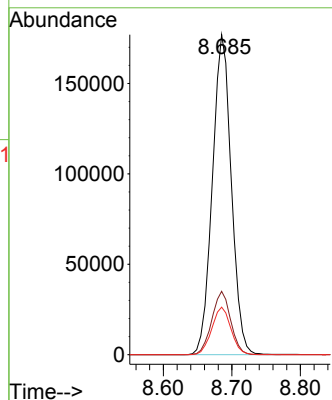
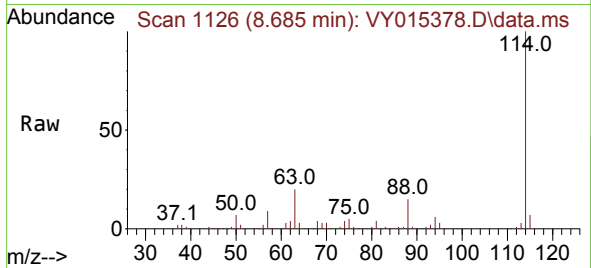




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

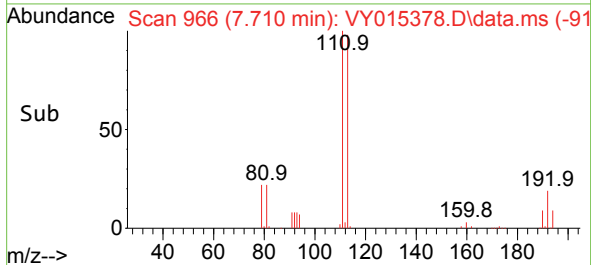
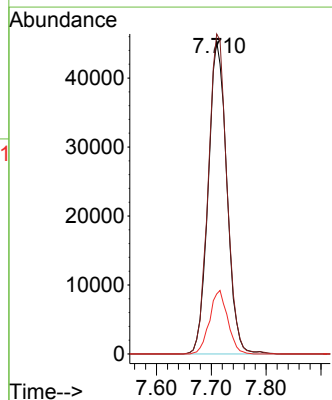
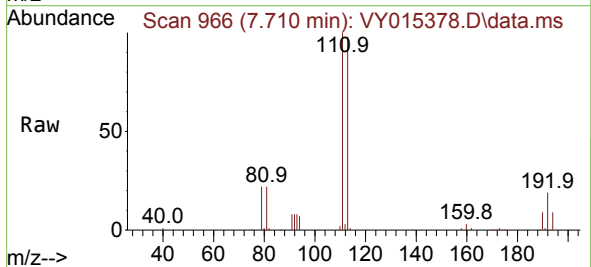
Instrument :
MSVOA_Y
ClientSampleId :

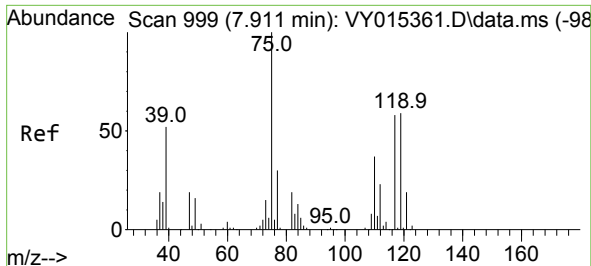
Tgt Ion:114 Resp: 338763
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.499 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

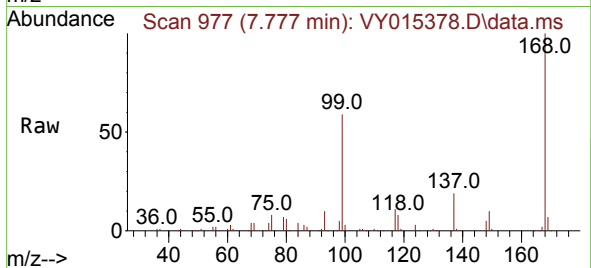
Tgt Ion:113 Resp: 106338
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.9 16.9 25.3



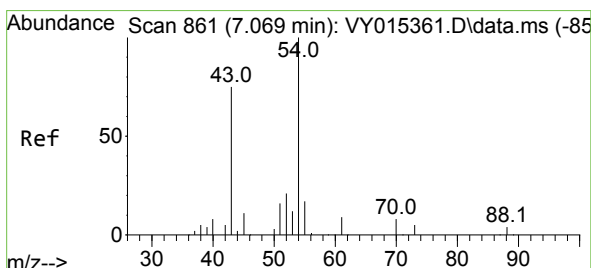
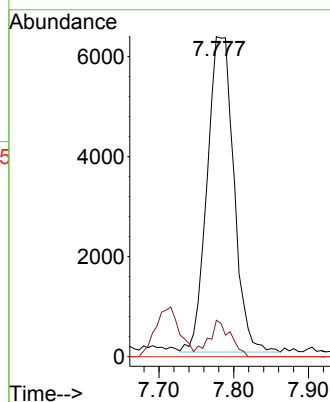
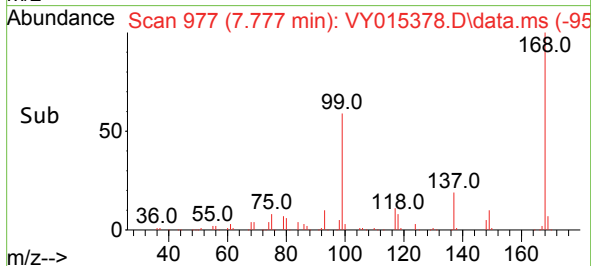


#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

Instrument :
MSVOA_Y
ClientSampleId :

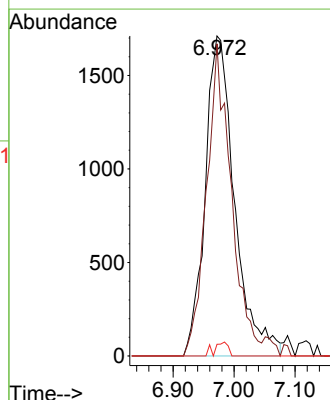
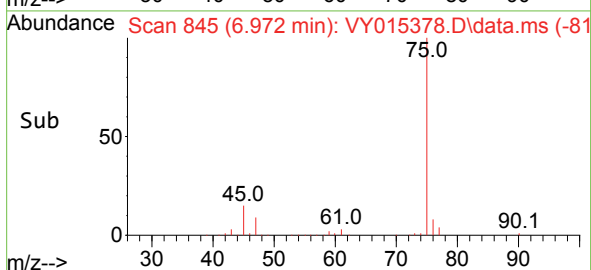
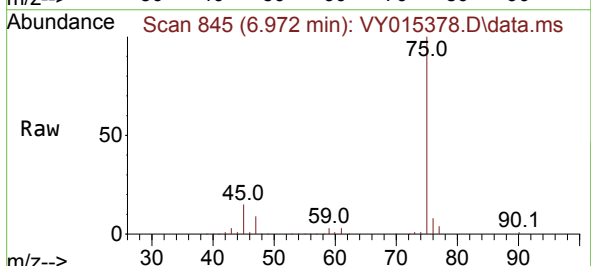


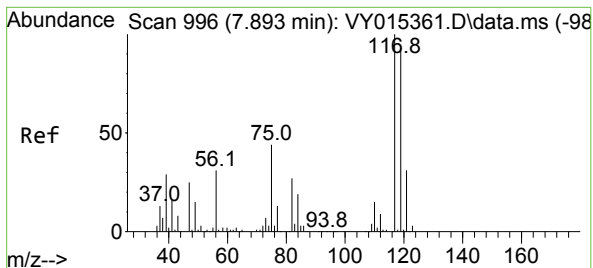
Tgt Ion: 75 Resp: 15680
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.173 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.091 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

Tgt Ion: 43 Resp: 5743
Ion Ratio Lower Upper
43 100
61 82.0 10.1 15.1#
70 2.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.659 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.110 min

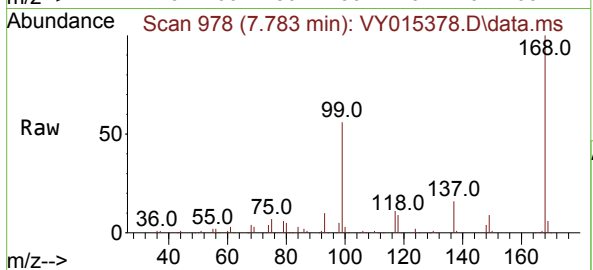
Lab File: VY015378.D

Acq: 30 Aug 2023 15:27

Instrument :

MSVOA_Y

ClientSampleId :



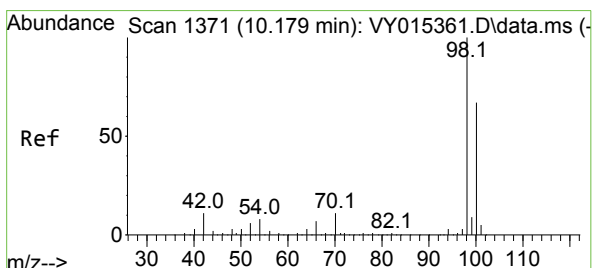
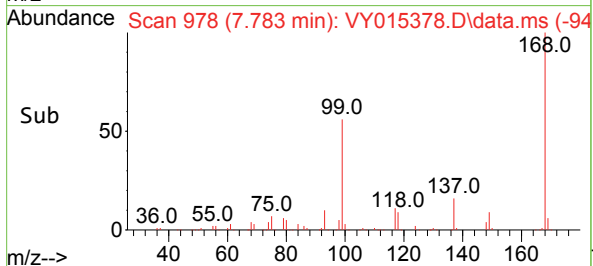
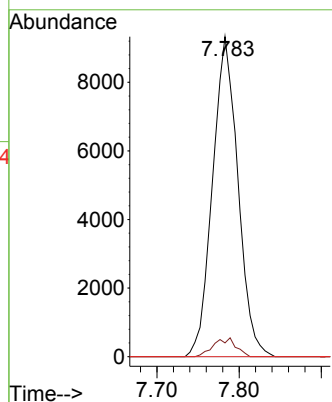
Tgt Ion:117 Resp: 20026

Ion Ratio Lower Upper

117 100

119 4.3 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 56.352 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015378.D

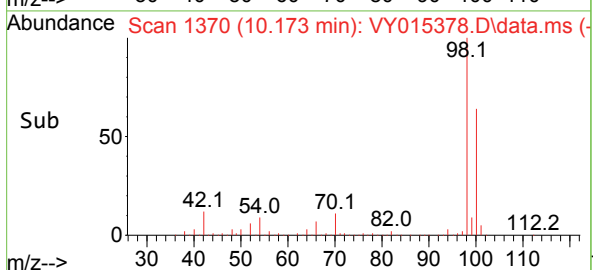
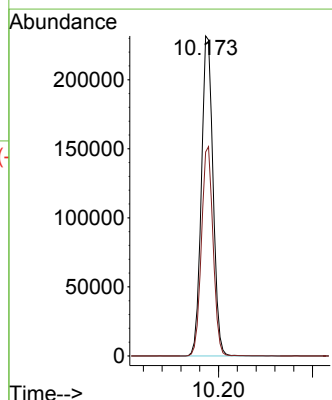
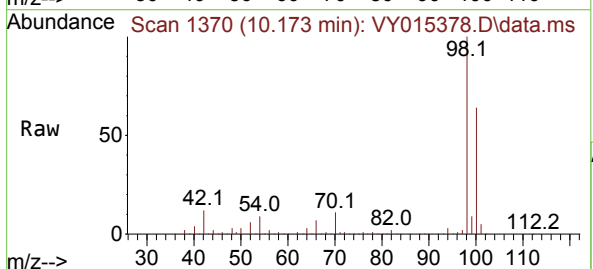
Acq: 30 Aug 2023 15:27

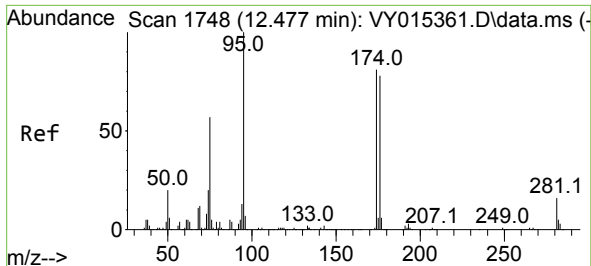
Tgt Ion: 98 Resp: 398185

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

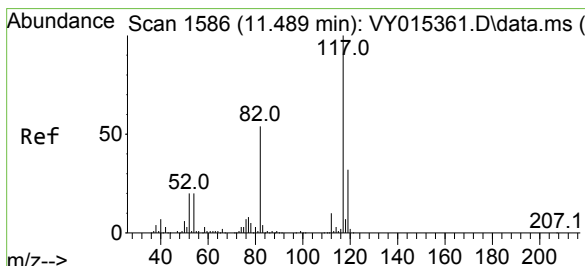
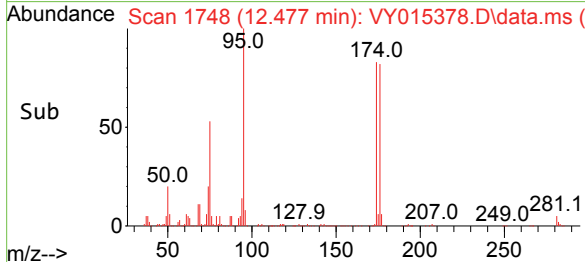
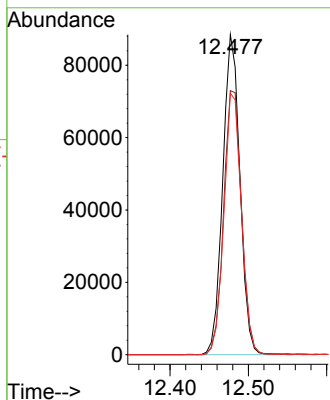
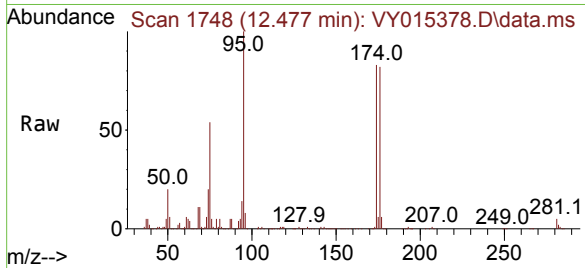




#62
4-Bromofluorobenzene
Concen: 51.440 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

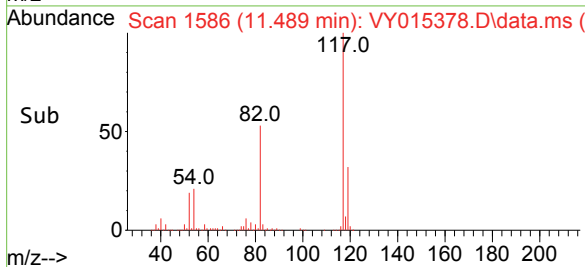
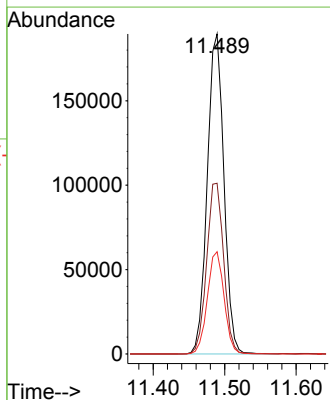
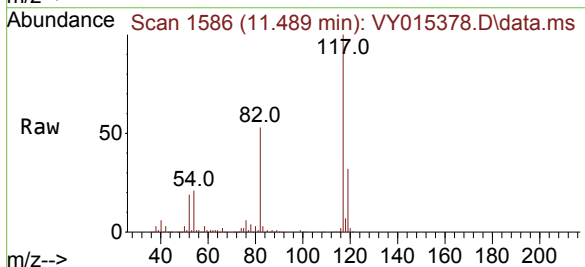
Instrument :
MSVOA_Y
ClientSampleId :

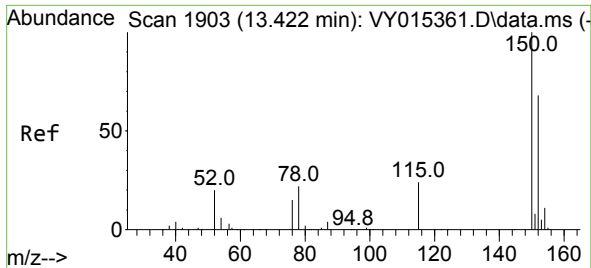
Tgt Ion: 95 Resp: 134935
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015378.D
Acq: 30 Aug 2023 15:27

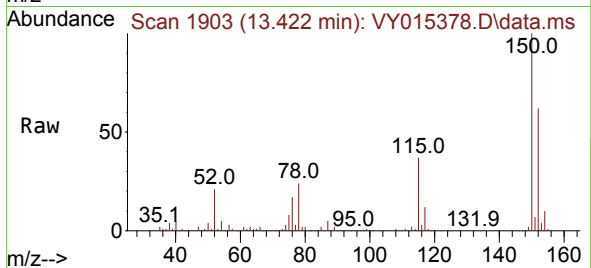
Tgt Ion: 117 Resp: 306457
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.9 26.3 39.5



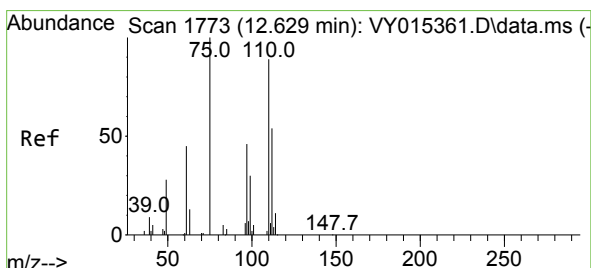
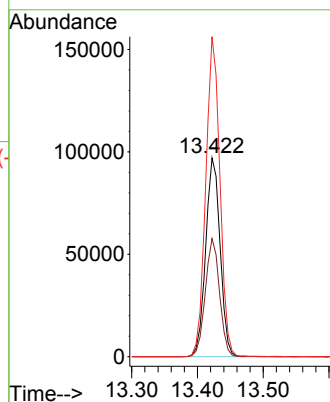
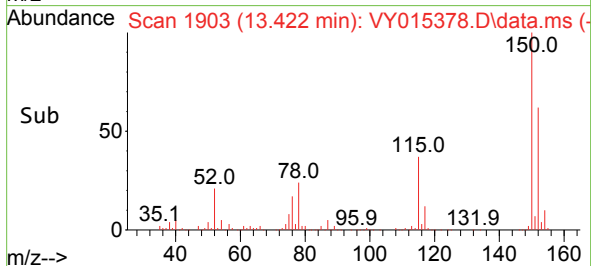


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015378.D
 Acq: 30 Aug 2023 15:27

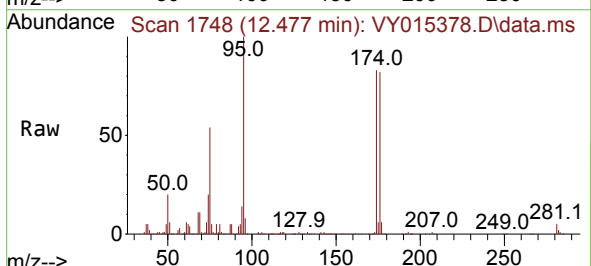
Instrument :
 MSVOA_Y
 ClientSampleId :



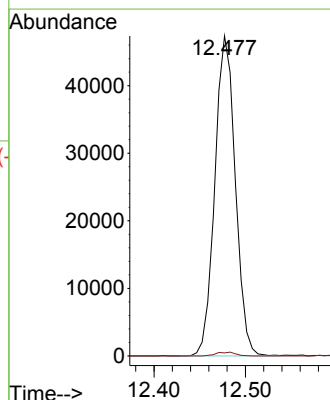
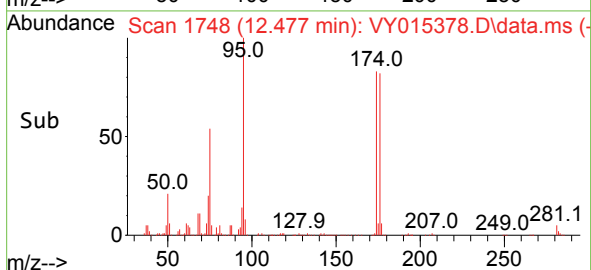
Tgt Ion:152 Resp: 148508
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 157.3 0.0 348.8

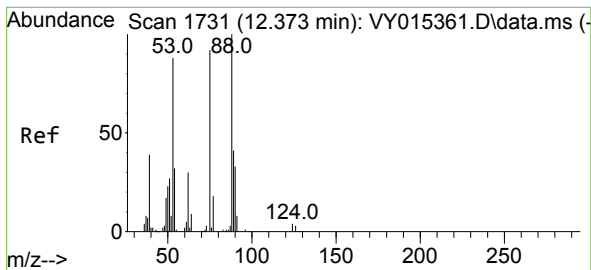


#76
 1,2,3-Trichloropropane
 Concen: 37.596 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015378.D
 Acq: 30 Aug 2023 15:27



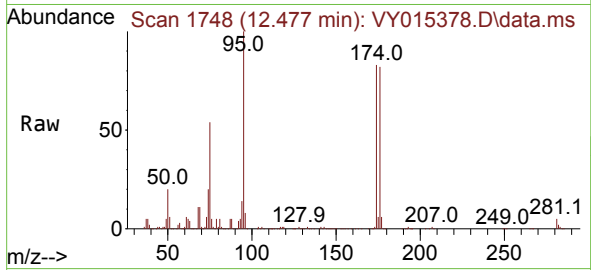
Tgt Ion: 75 Resp: 73737
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.593 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015378.D
 Acq: 30 Aug 2023 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 73737
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

