

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015380.D
 Acq On : 30 Aug 2023 16:13
 Operator : SY/MD
 Sample : 04219-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:01:55 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)

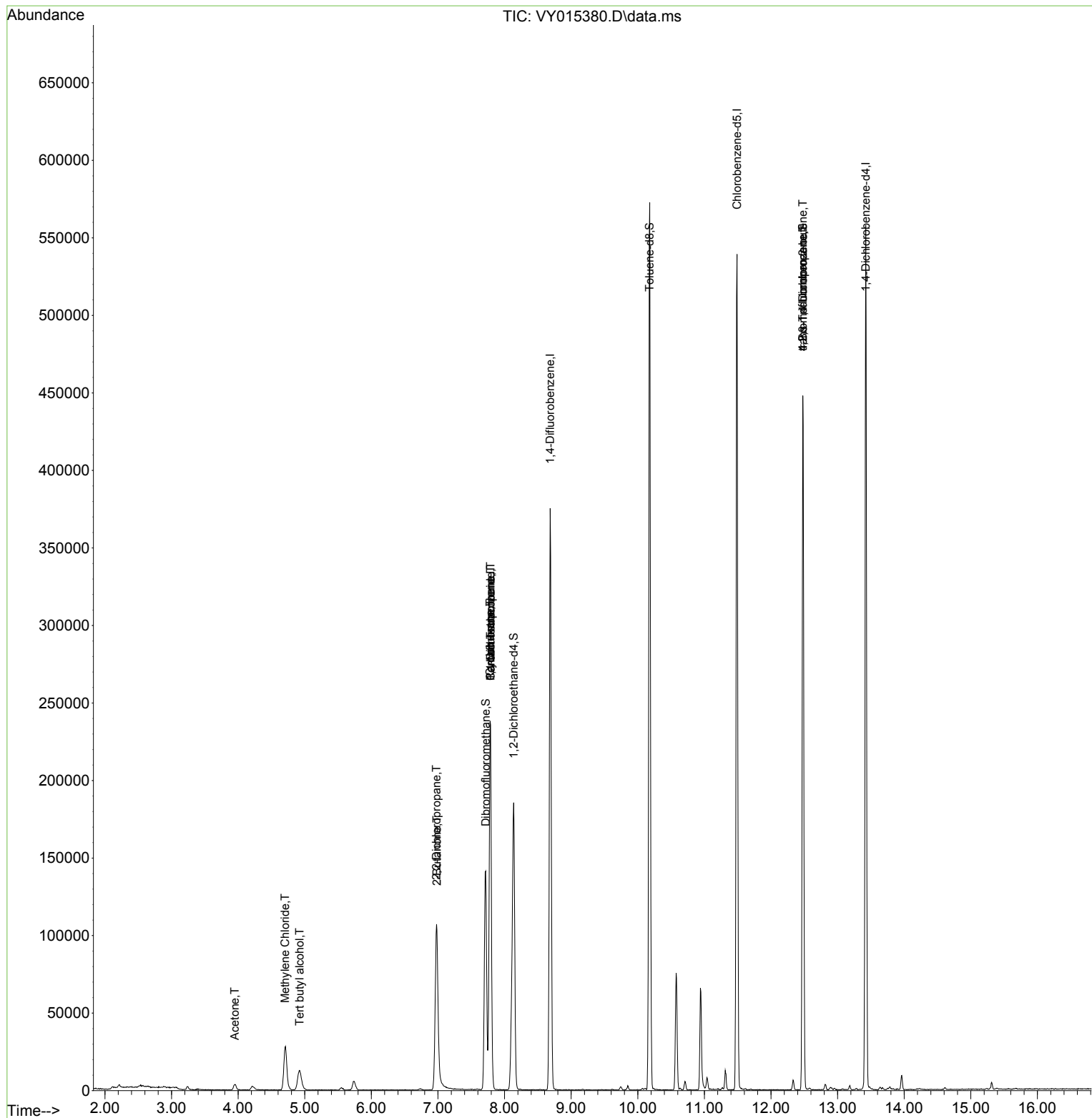
Internal Standards						
1) Pentafluorobenzene	7.789	168	187601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125897	62.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.200%	
35) Dibromofluoromethane	7.716	113	100495	54.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.540%	
50) Toluene-d8	10.179	98	373890	56.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.520%	
62) 4-Bromofluorobenzene	12.477	95	128430	52.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	14618	31.348	ug/l #	91
16) Acetone	3.948	43	6870	8.184	ug/l #	84
20) Methylene Chloride	4.704	84	21338	2.075	ug/l	90
25) 2-Butanone	6.984	43	5751	4.831	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	8319	2.609	ug/l #	54
31) Cyclohexane	7.783	56	3909	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14909	4.627	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19078	5.733	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	69991	37.878	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69991	83.212	ug/l #	10

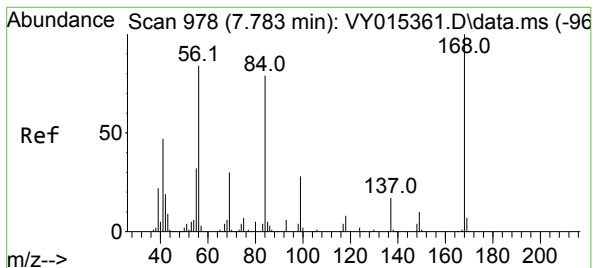
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
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MSVOA_Y
ClientSampleId :

Quant Time: Aug 31 01:01:55 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: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015380.D

Acq: 30 Aug 2023 16:13

Instrument :

MSVOA_Y

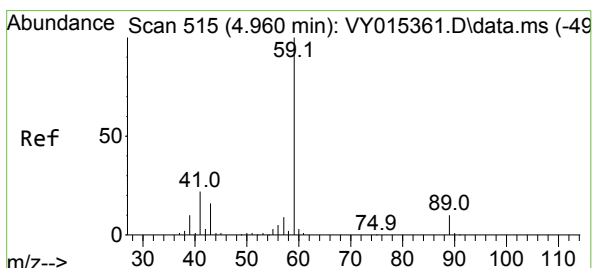
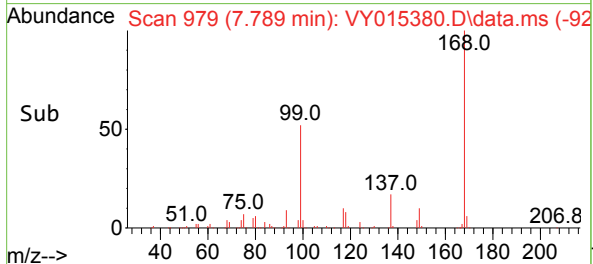
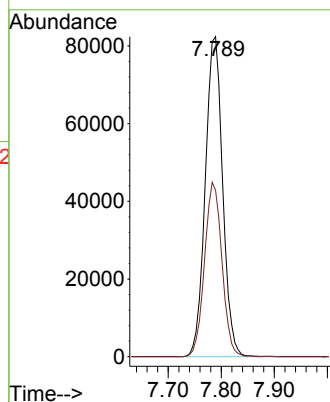
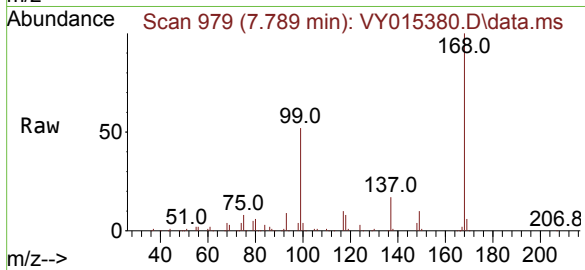
ClientSampleId :

Tgt Ion:168 Resp: 187601

Ion Ratio Lower Upper

168 100

99 52.0 43.4 65.0



#11

Tert butyl alcohol

Concen: 31.348 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

Lab File: VY015380.D

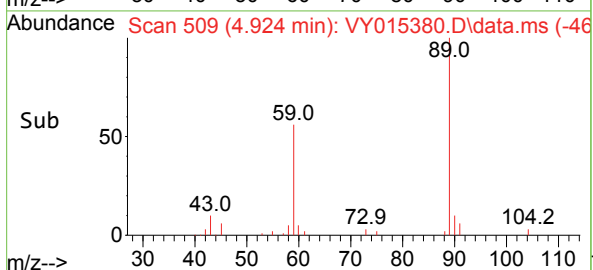
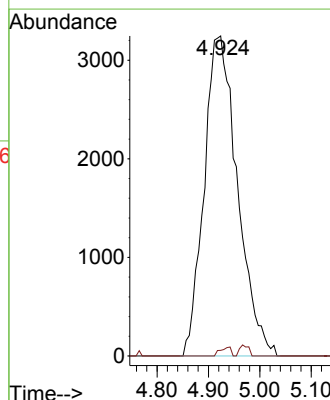
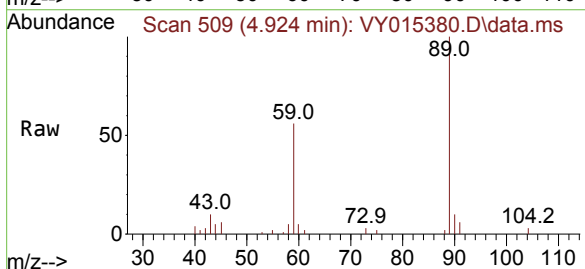
Acq: 30 Aug 2023 16:13

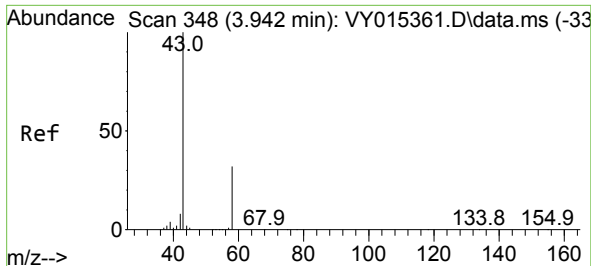
Tgt Ion: 59 Resp: 14618

Ion Ratio Lower Upper

59 100

57 0.9 3.0 4.4#

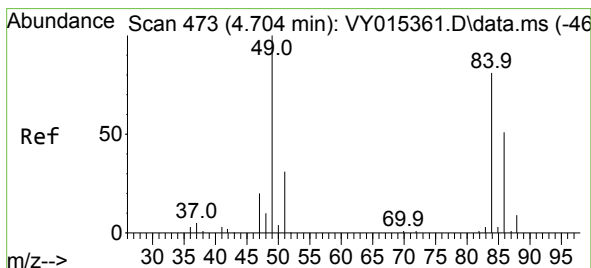
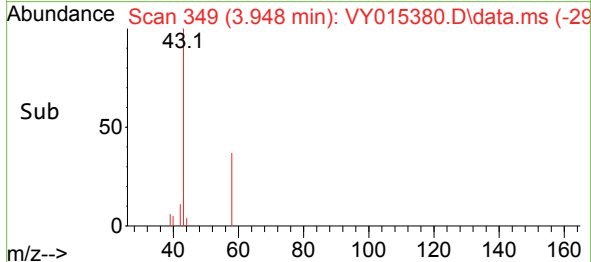
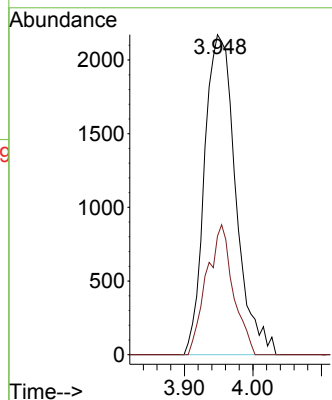
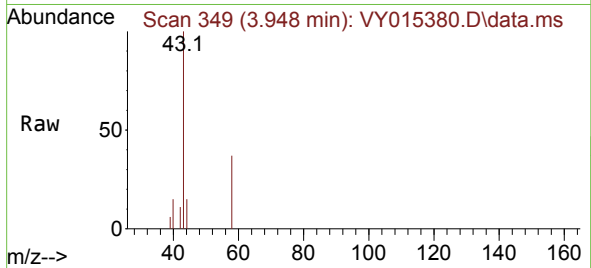




#16
Acetone
Concen: 8.184 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

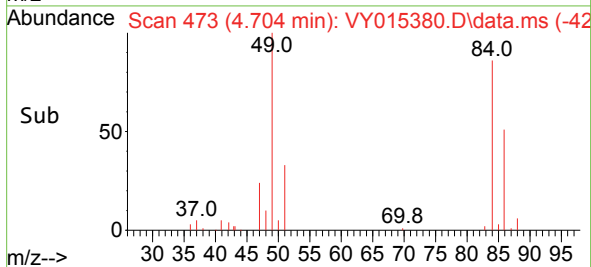
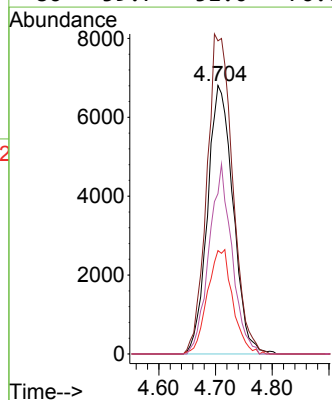
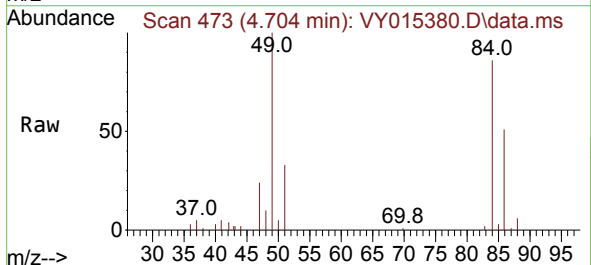
Instrument :
MSVOA_Y
ClientSampleId :

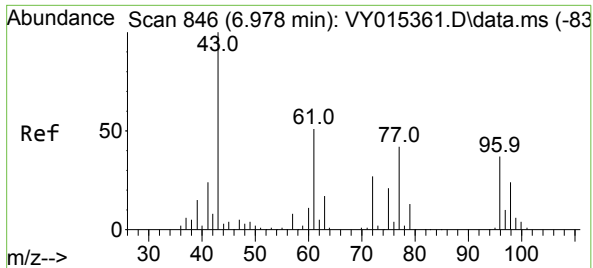
Tgt Ion: 43 Resp: 6870
Ion Ratio Lower Upper
43 100
58 37.1 22.7 34.1#



#20
Methylene Chloride
Concen: 2.075 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Tgt Ion: 84 Resp: 21338
Ion Ratio Lower Upper
84 100
49 116.6 106.9 160.3
51 38.5 33.2 49.8
86 59.7 51.0 76.6

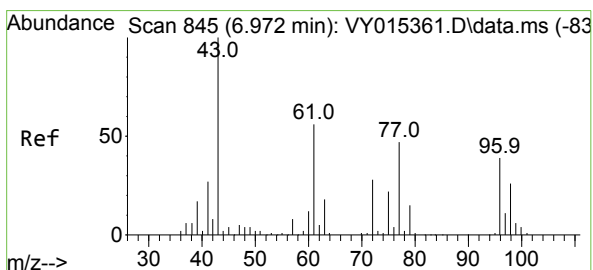
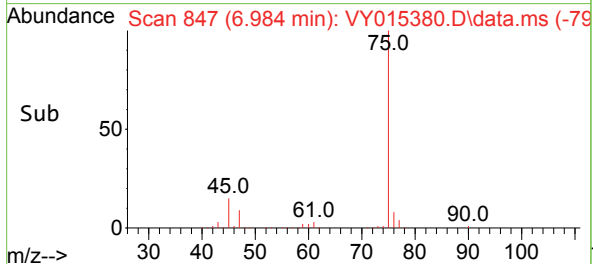
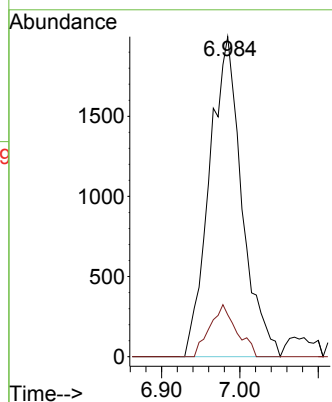
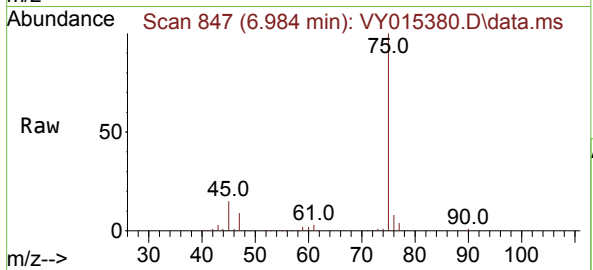




#25
2-Butanone
Concen: 4.831 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

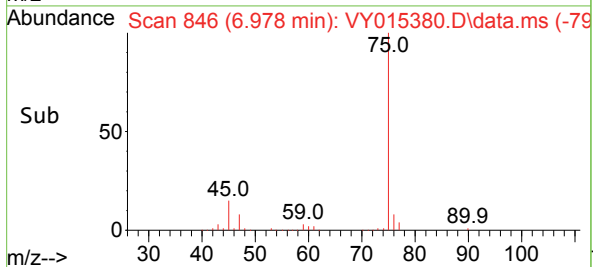
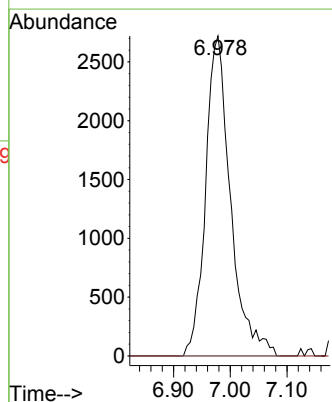
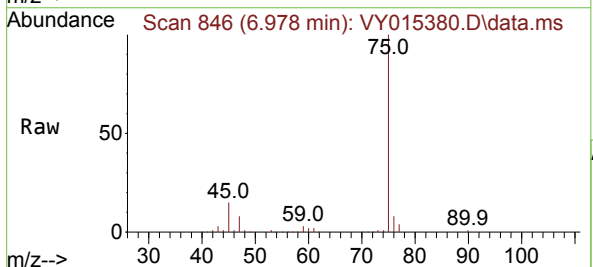
Instrument :
MSVOA_Y
ClientSampleId :

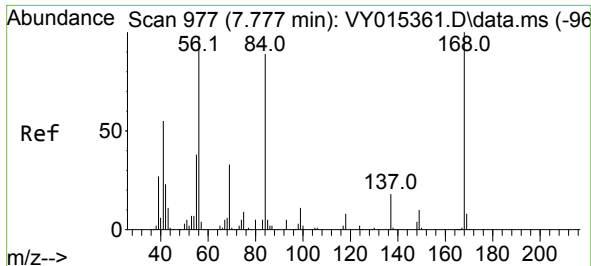
Tgt Ion: 43 Resp: 5751
Ion Ratio Lower Upper
43 100
72 13.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.609 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

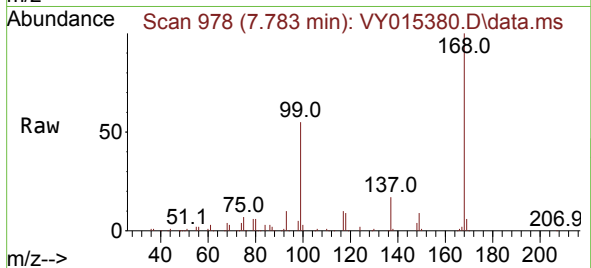
Tgt Ion: 77 Resp: 8319
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



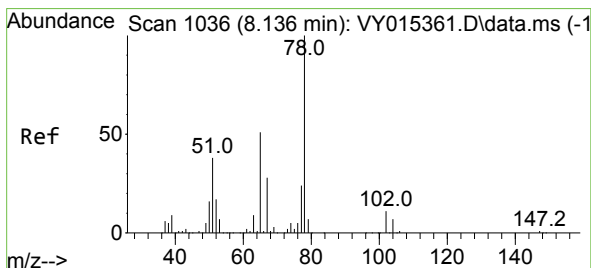
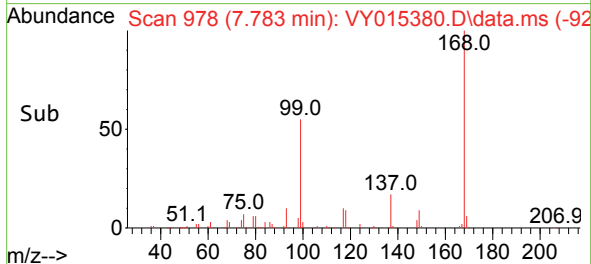
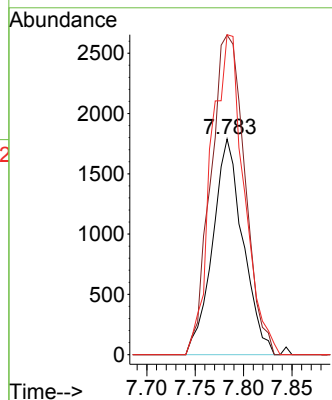


#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :

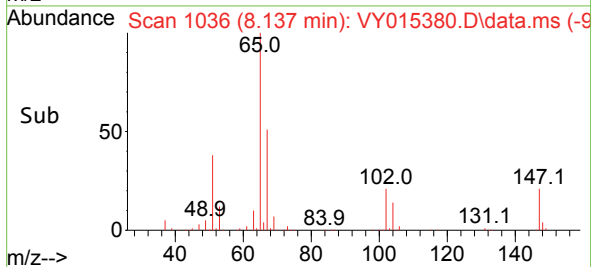
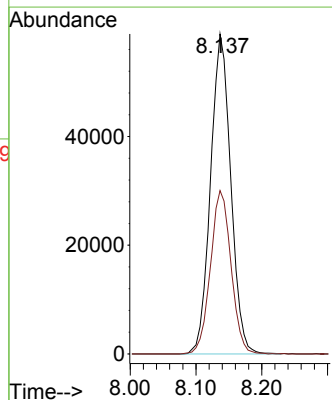
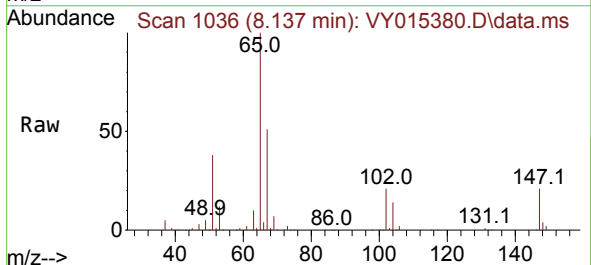


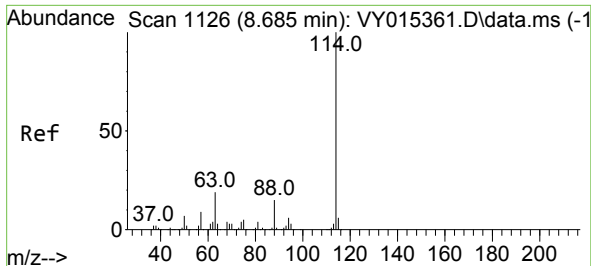
Tgt Ion	Ratio	Lower	Upper
56	100		
69	148.2	27.8	41.6#
84	148.4	66.4	99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.602 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.8

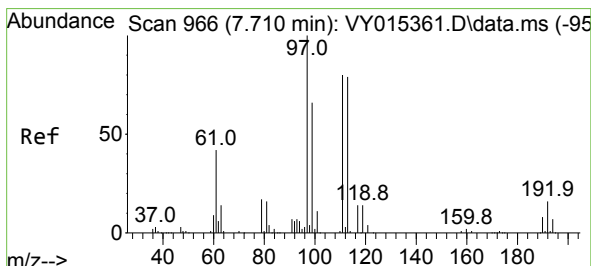
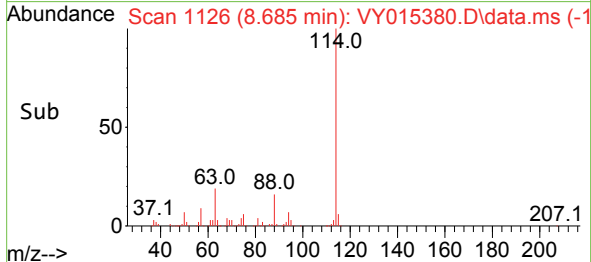
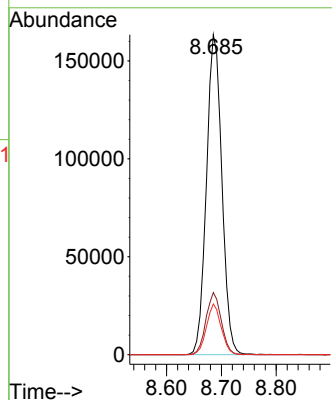
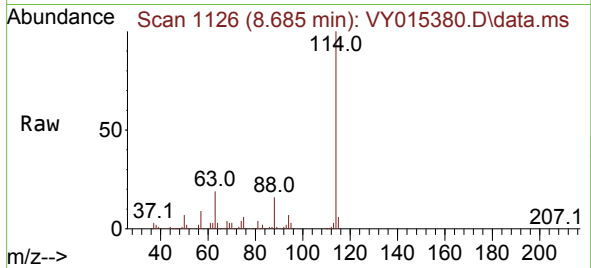




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

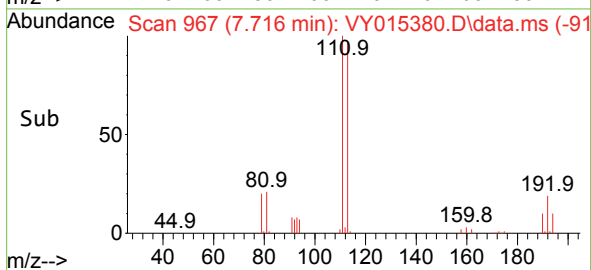
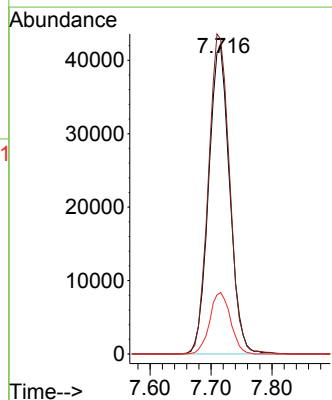
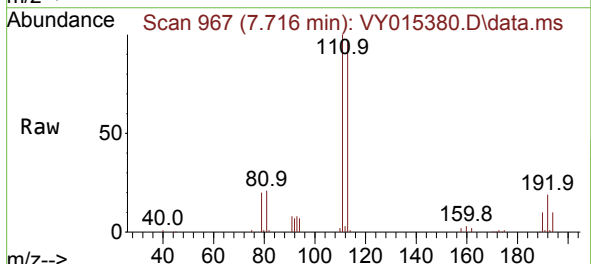
Instrument :
MSVOA_Y
ClientSampleId :

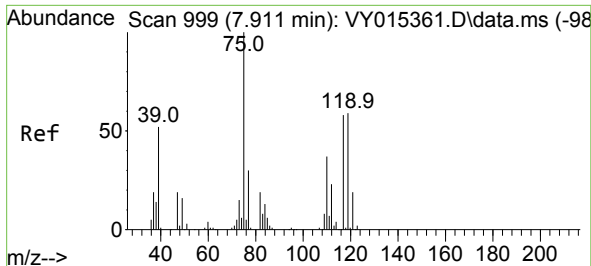
Tgt Ion:114 Resp: 318590
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.765 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

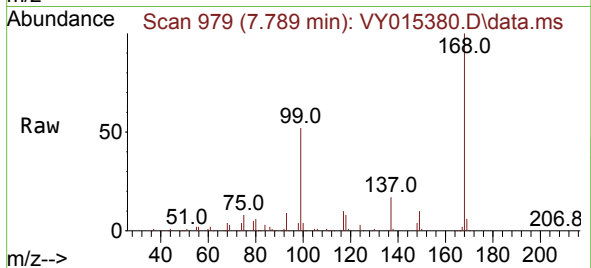
Tgt Ion:113 Resp: 100495
Ion Ratio Lower Upper
113 100
111 104.8 81.3 121.9
192 19.7 16.9 25.3



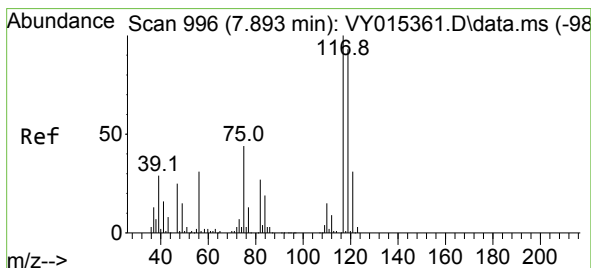
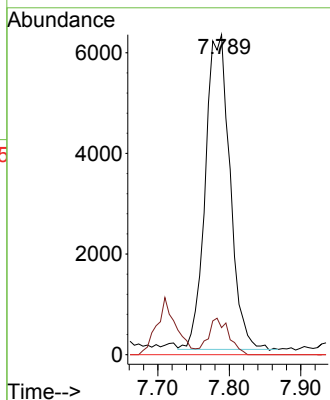
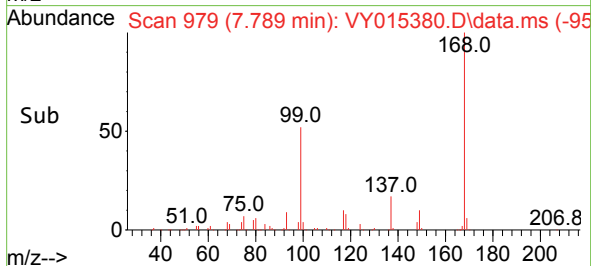


#36
1,1-Dichloropropene
Concen: 4.627 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.122 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

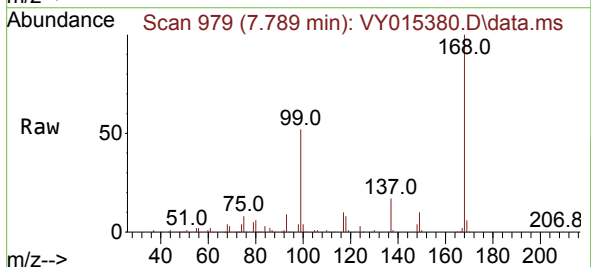
Instrument :
MSVOA_Y
ClientSampleId :



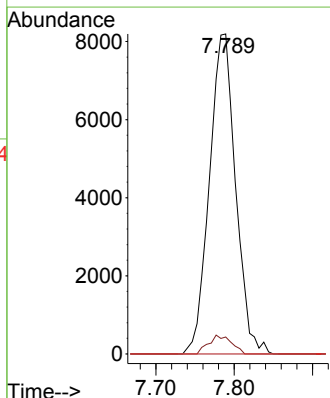
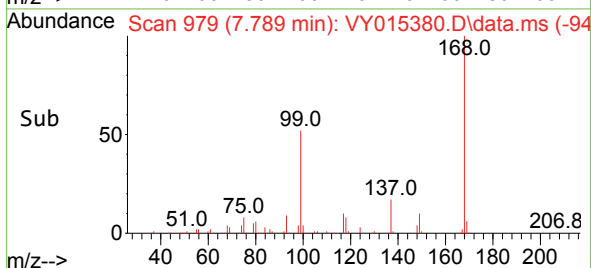
Tgt Ion: 75 Resp: 14909
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#

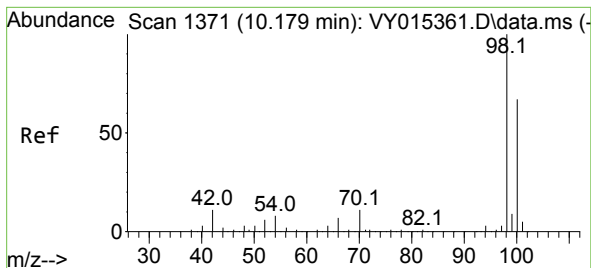


#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13



Tgt Ion: 117 Resp: 19078
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#

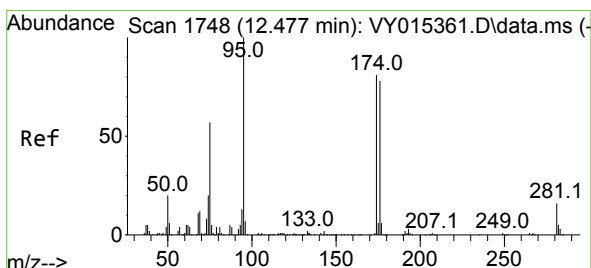
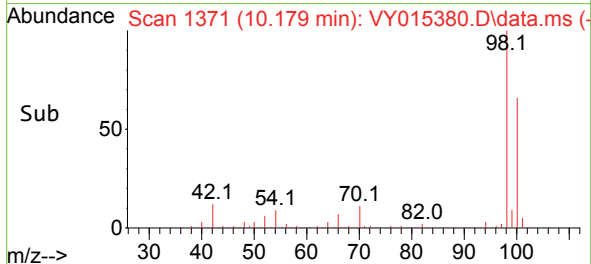
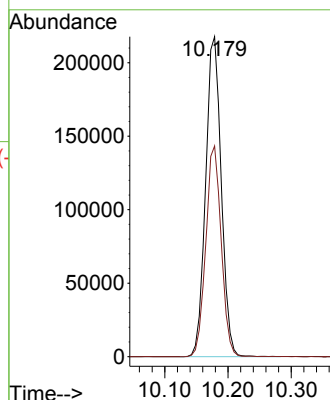
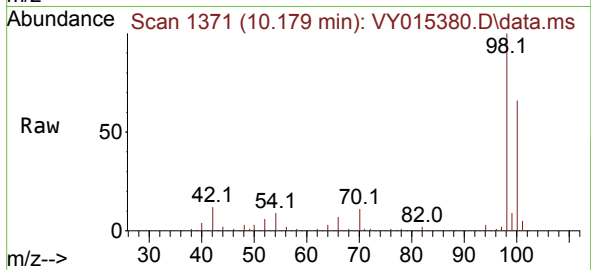




#50
Toluene-d8
Concen: 56.264 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

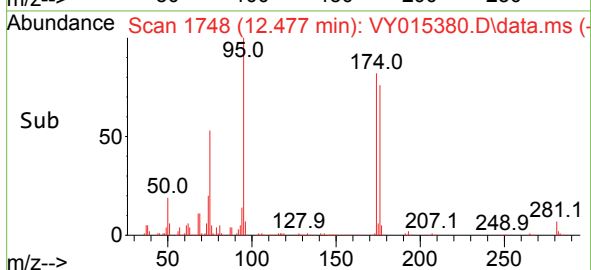
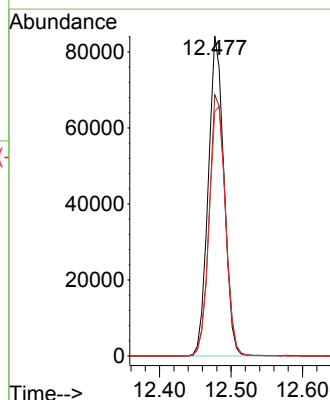
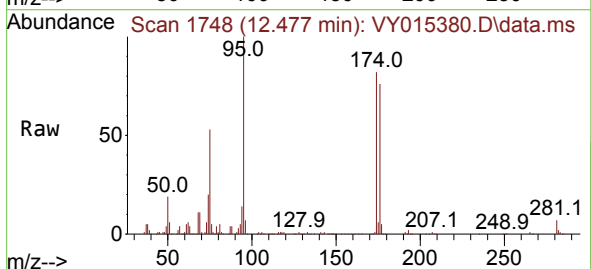
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 373890
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

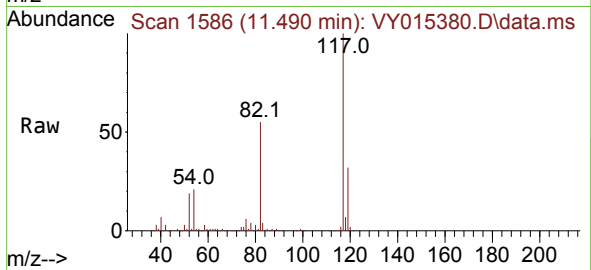
Tgt Ion: 95 Resp: 128430
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.5 0.0 173.8



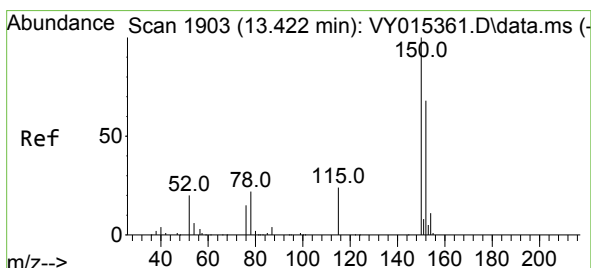
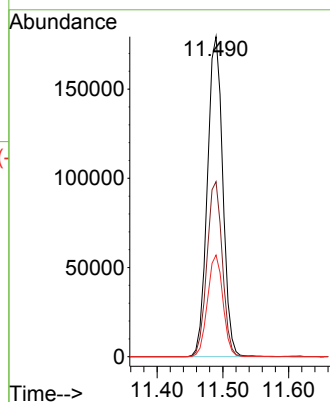
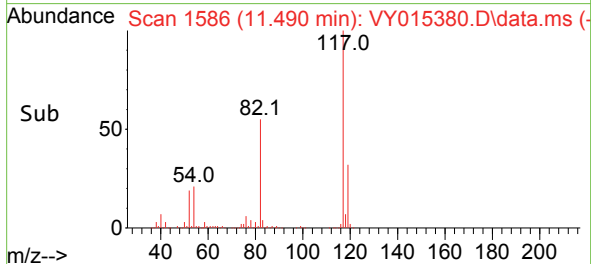


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :

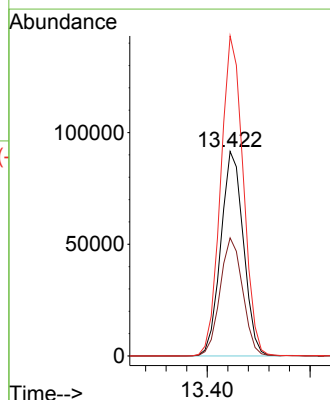
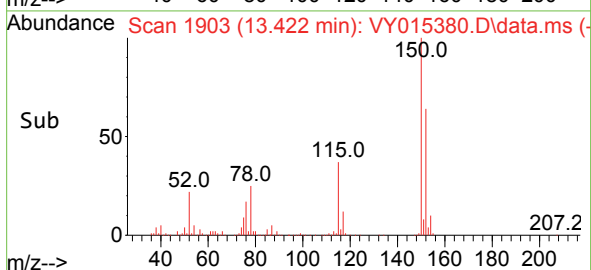
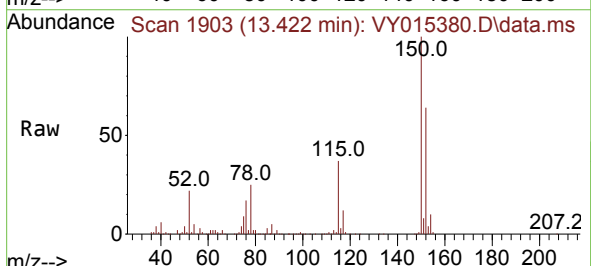


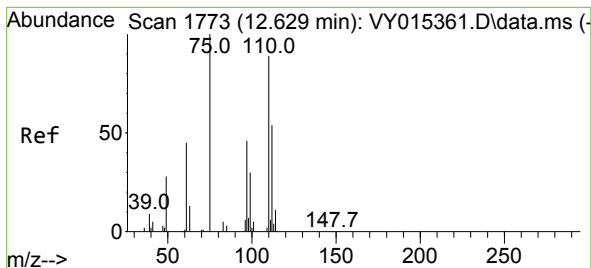
Tgt Ion:117 Resp: 292113
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Tgt Ion:152 Resp: 139915
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 156.0 0.0 348.8

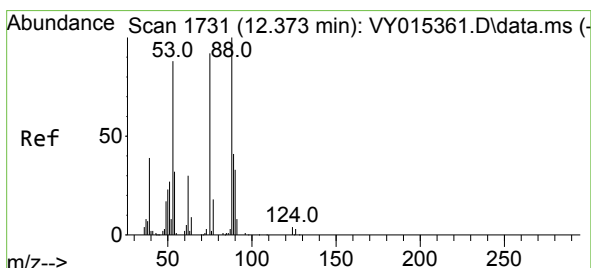
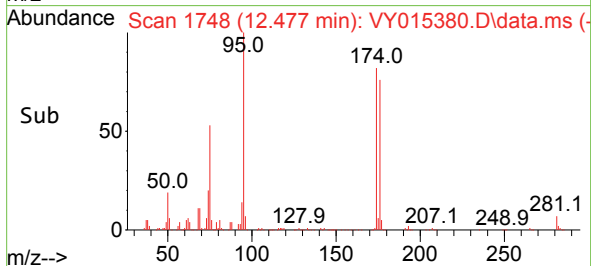
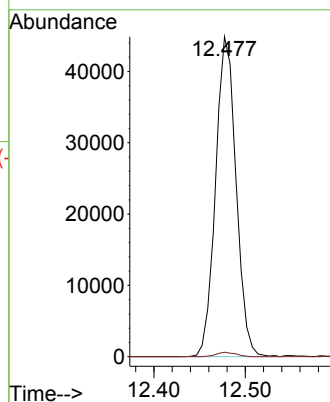
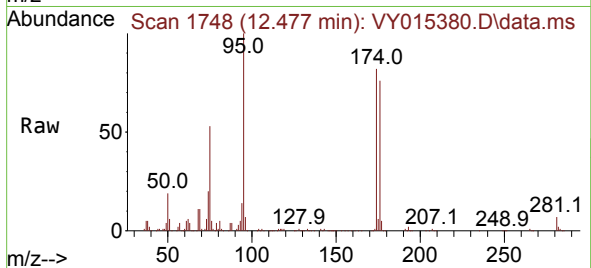




#76
1,2,3-Trichloropropane
Concen: 37.878 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69991
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.212 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015380.D
Acq: 30 Aug 2023 16:13

Tgt Ion: 75 Resp: 69991
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

