

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015178.D
 Acq On : 17 Aug 2023 17:40
 Operator : SY/MD
 Sample : 04054-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Aug 18 00:55:47 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)

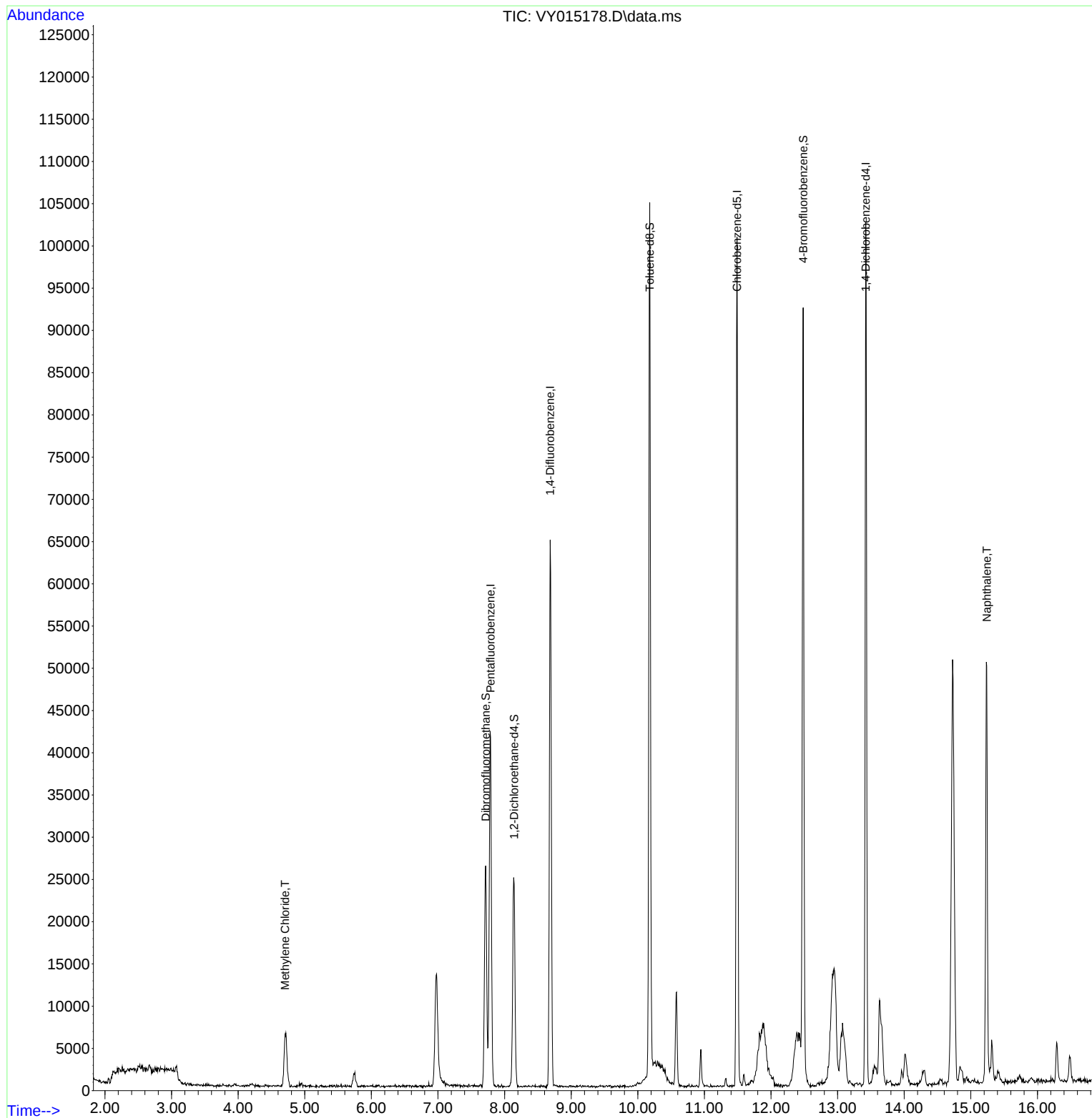
Internal Standards						
1) Pentafluorobenzene	7.789	168	32653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	56754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	54686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	20337	51.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.716	113	18316	50.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.320%	
50) Toluene-d8	10.179	98	67354	49.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.483	95	24661	49.676	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.360%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	5004	13.111	ug/l #	80
95) Naphthalene	15.239	128	42925	35.037	ug/l	99

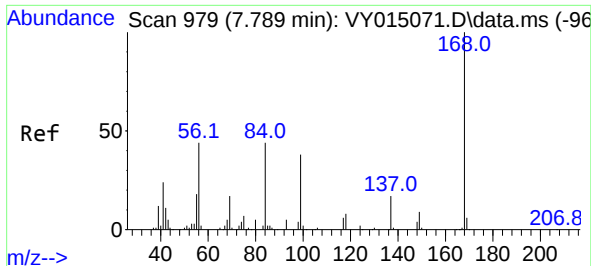
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
Data File : VY015178.D
Acq On : 17 Aug 2023 17:40
Operator : SY/MD
Sample : 04054-02
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Aug 18 00:55:47 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

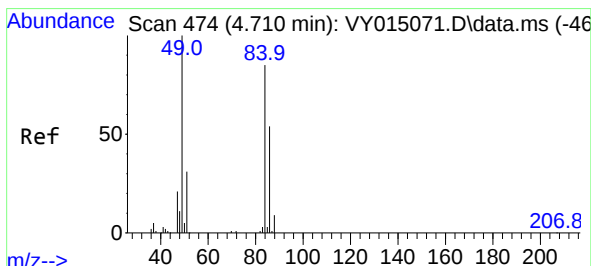
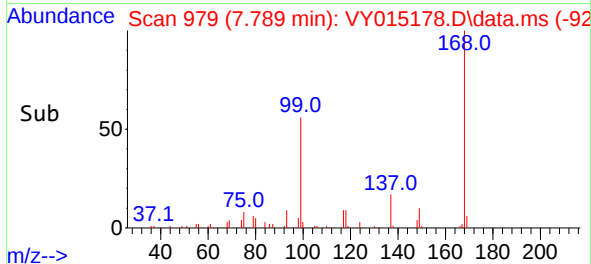
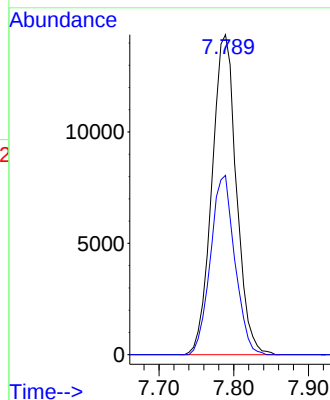
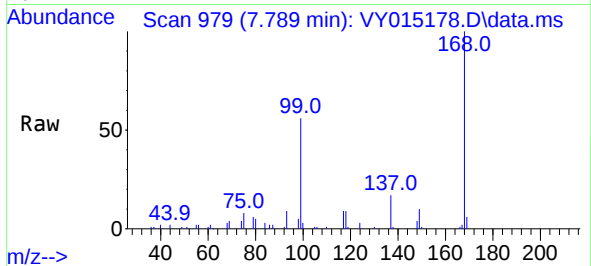




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

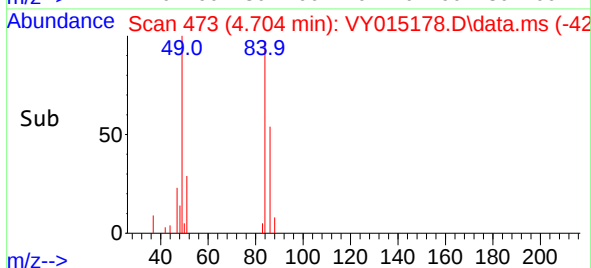
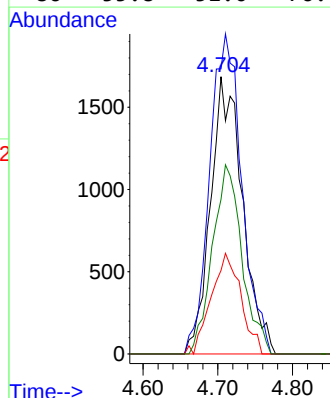
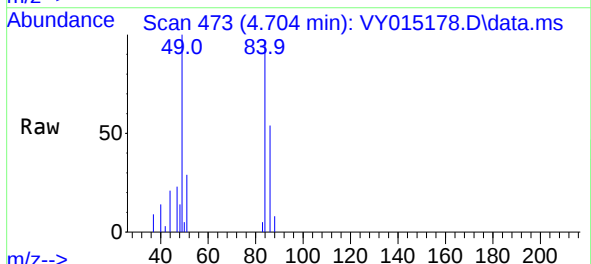
Instrument :
MSVOA_Y
ClientSampleId :
VOC

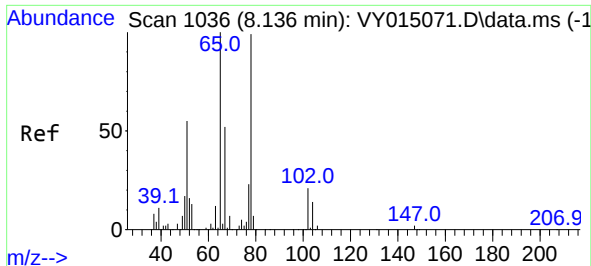
Tgt Ion:168 Resp: 32653
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#20
Methylene Chloride
Concen: 13.111 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

Tgt Ion: 84 Resp: 5004
Ion Ratio Lower Upper
84 100
49 102.8 106.9 160.3#
51 30.1 33.2 49.8#
86 55.8 51.0 76.6

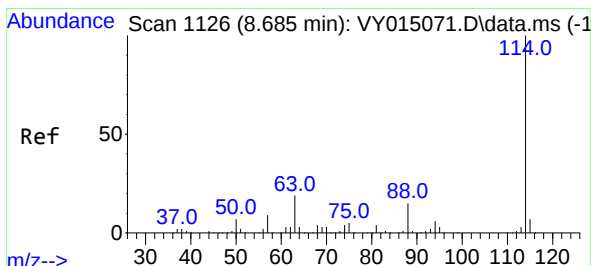
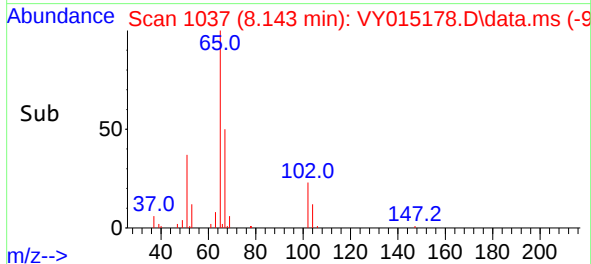
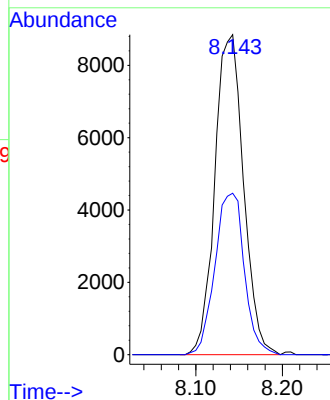
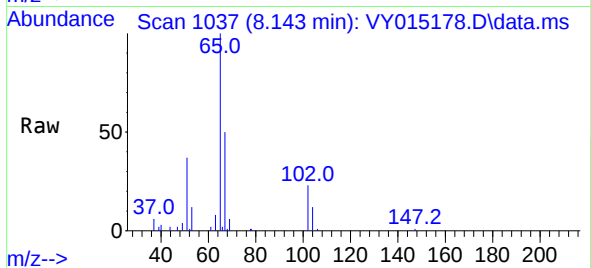




#33
1,2-Dichloroethane-d4
Concen: 51.884 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

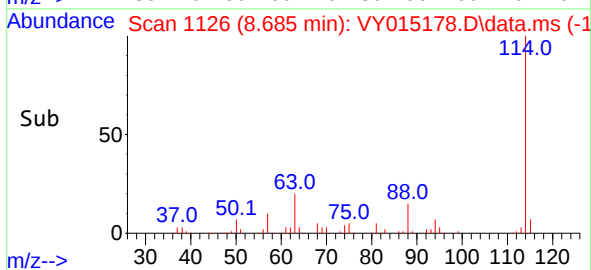
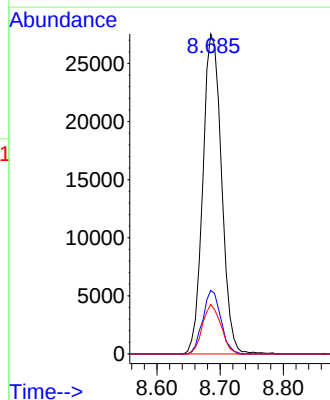
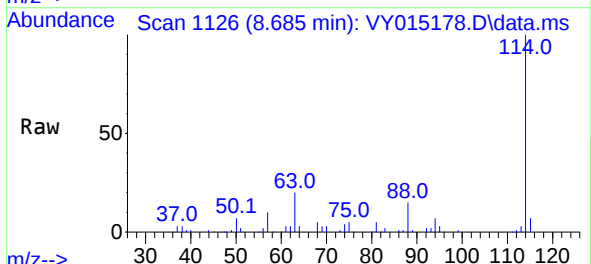
Instrument :
MSVOA_Y
ClientSampleId :
VOC

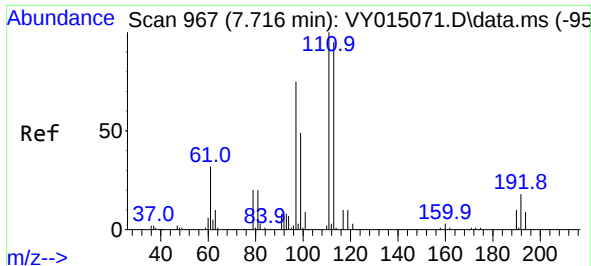
Tgt Ion: 65 Resp: 20337
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

Tgt Ion: 114 Resp: 56754
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.5 0.0 30.6

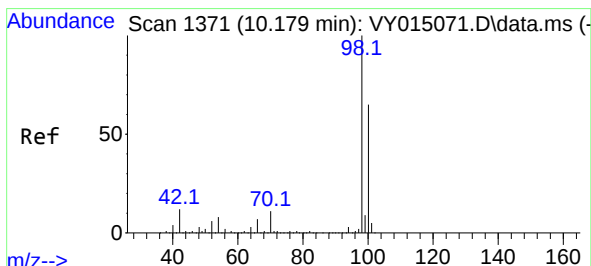
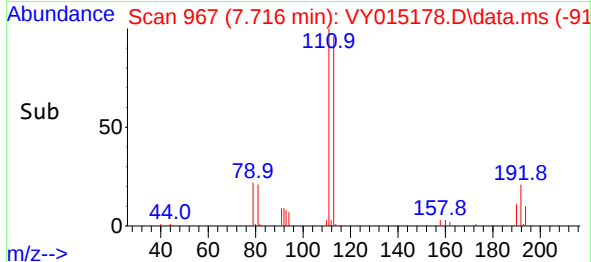
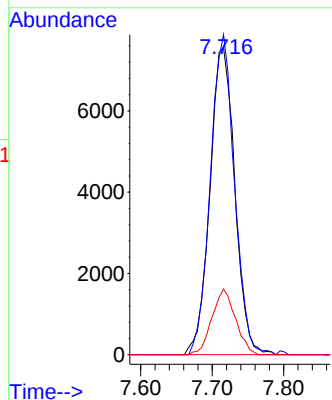
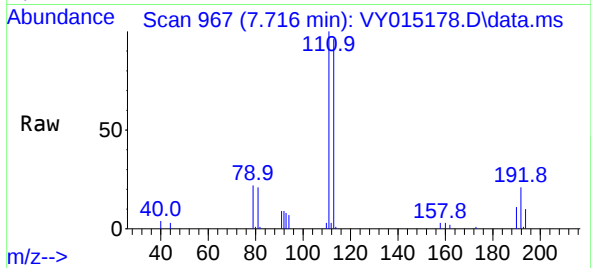




#35
Dibromofluoromethane
Concen: 50.165 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

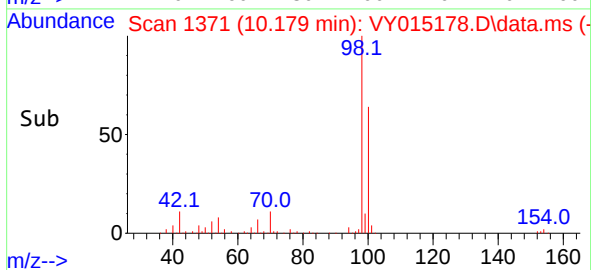
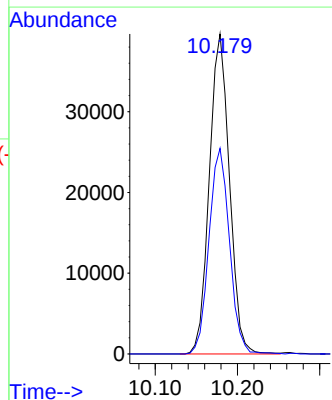
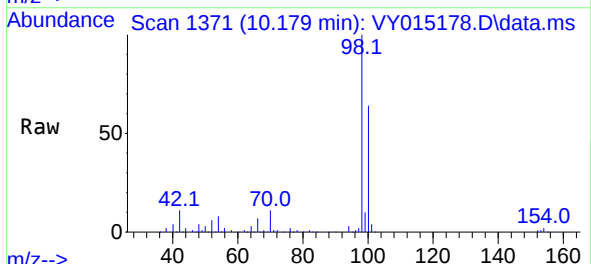
Instrument :
MSVOA_Y
ClientSampleId :
VOC

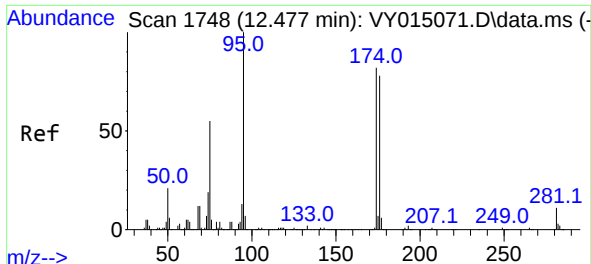
Tgt Ion:113 Resp: 18316
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 49.555 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

Tgt Ion: 98 Resp: 67354
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

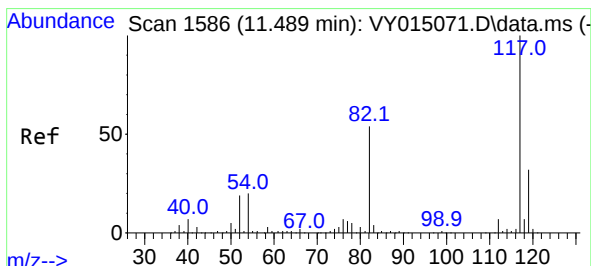
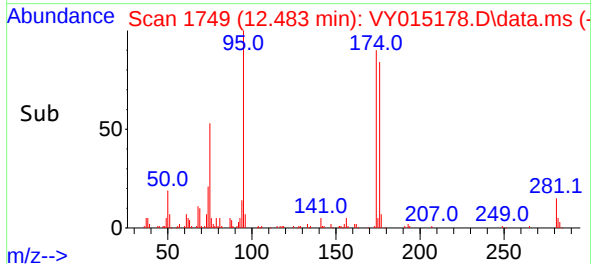
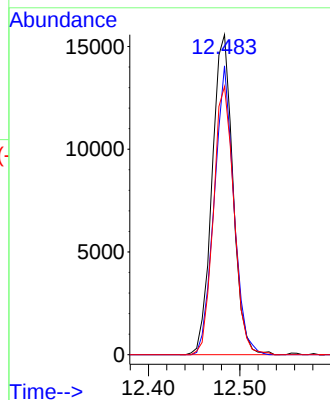
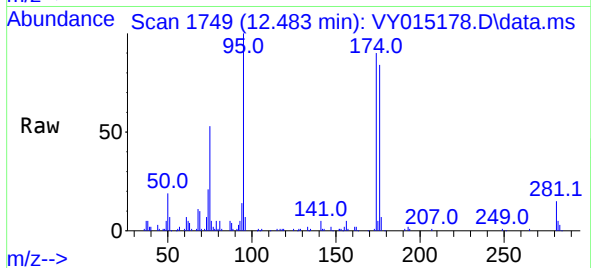




#62
4-Bromofluorobenzene
Concen: 49.676 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

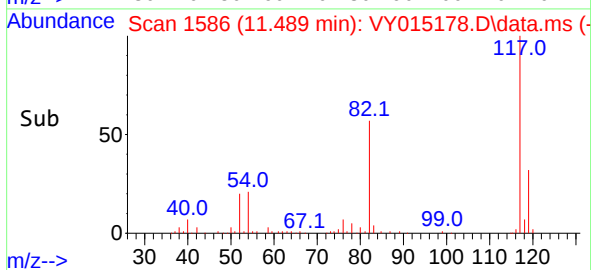
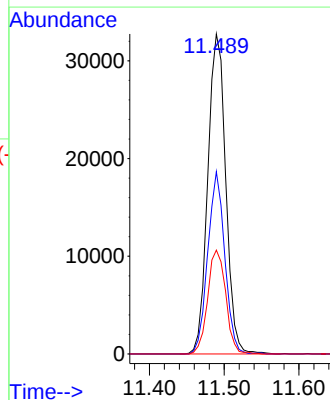
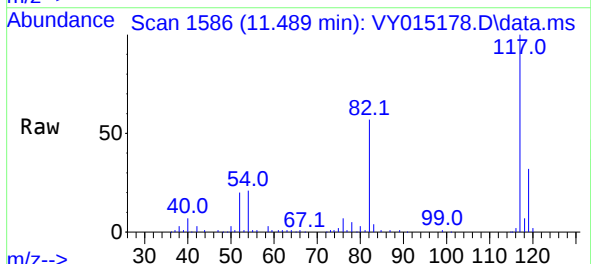
Instrument :
MSVOA_Y
ClientSampleId :
VOC

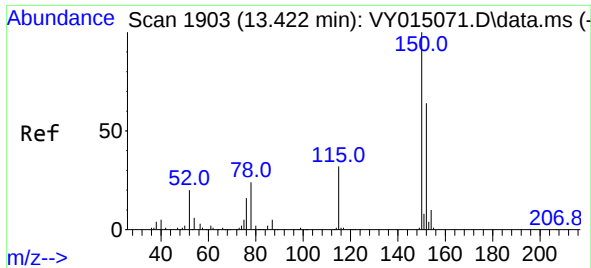
Tgt Ion: 95 Resp: 24661
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

Tgt Ion: 117 Resp: 54686
Ion Ratio Lower Upper
117 100
82 56.9 43.4 65.0
119 32.5 26.3 39.5



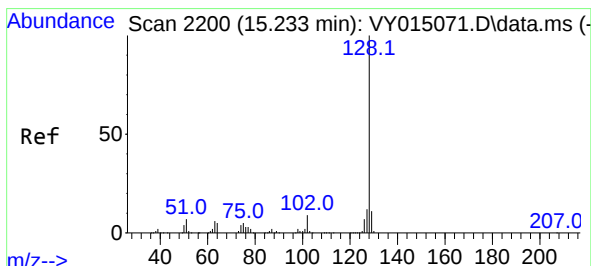
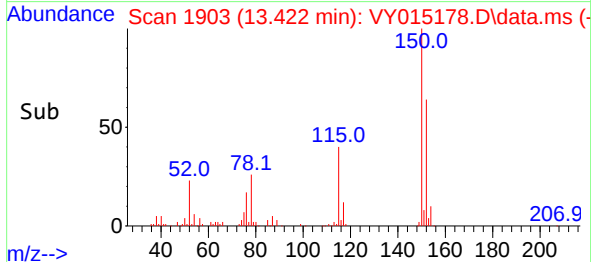
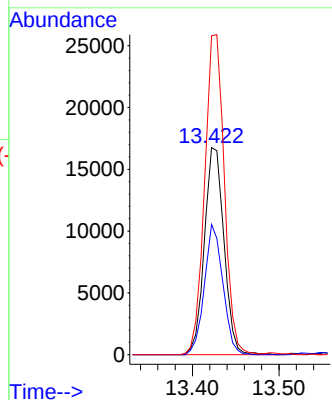
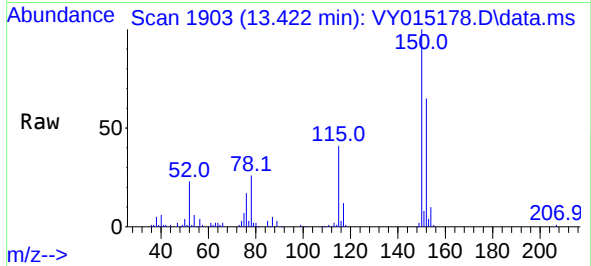


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:152 Resp: 26377

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.8	86.5
150	155.0	0.0	348.8



#95
Naphthalene
Concen: 35.037 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015178.D
Acq: 17 Aug 2023 17:40

Tgt Ion:128 Resp: 42925

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.7	8.6	13.0

