

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015244.D
 Acq On : 22 Aug 2023 15:04
 Operator : SY/MD
 Sample : 04082-03
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 364

Quant Time: Aug 23 00:49:10 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)

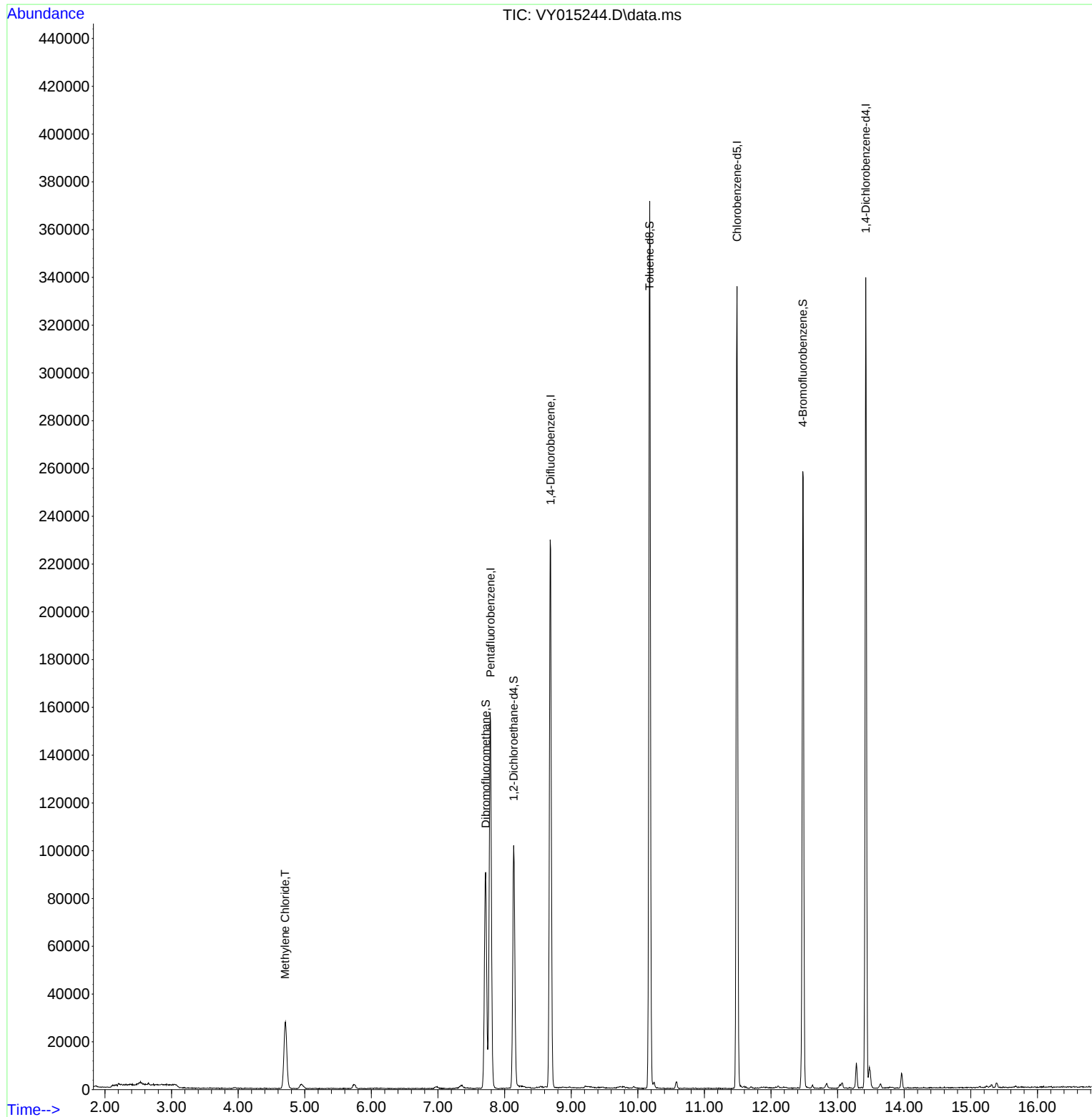
Internal Standards						
1) Pentafluorobenzene	7.789	168	122250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78396	53.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.840%
35) Dibromofluoromethane	7.715	113	63518	49.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.178	98	235121	48.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.477	95	77153	43.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.800%
Target Compounds						
20) Methylene Chloride	4.704	84	21548	15.790	ug/l	Qvalue # 88

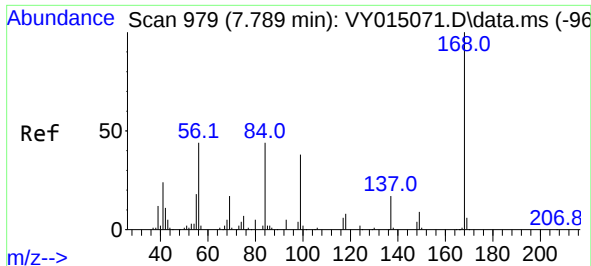
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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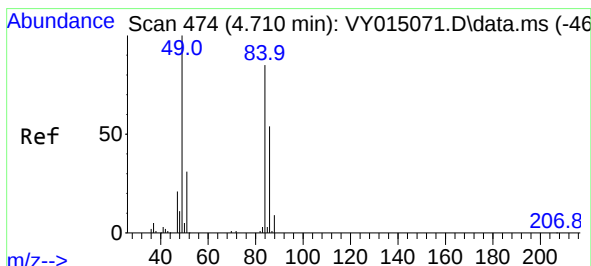
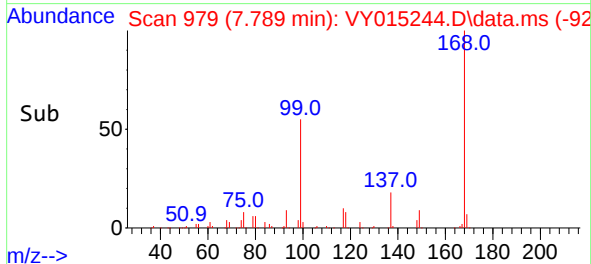
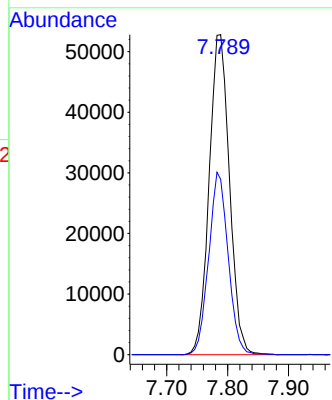
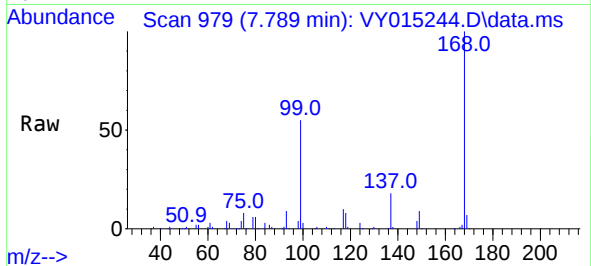




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015244.D
Acq: 22 Aug 2023 15:04

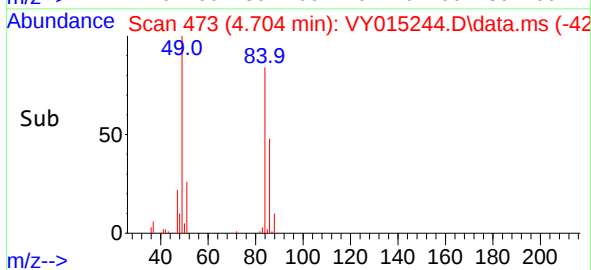
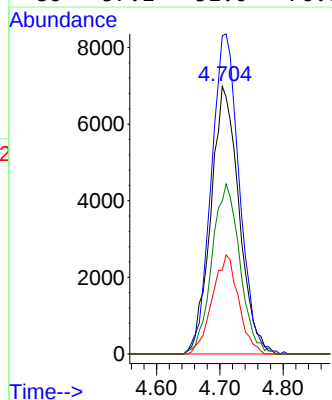
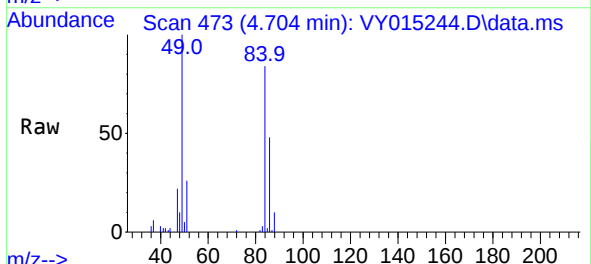
Instrument :
MSVOA_Y
ClientSampleId :
364

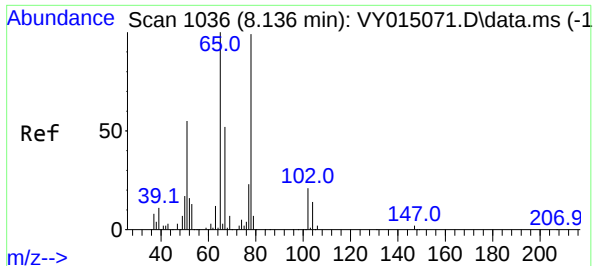
Tgt Ion:168 Resp: 122250
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#20
Methylene Chloride
Concen: 15.790 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015244.D
Acq: 22 Aug 2023 15:04

Tgt Ion: 84 Resp: 21548
Ion Ratio Lower Upper
84 100
49 118.9 106.9 160.3
51 31.3 33.2 49.8#
86 57.1 51.0 76.6

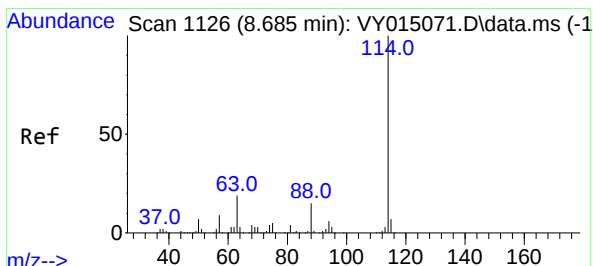
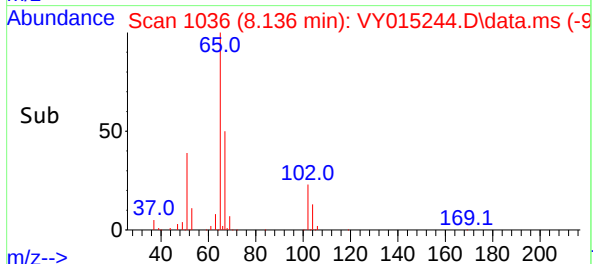
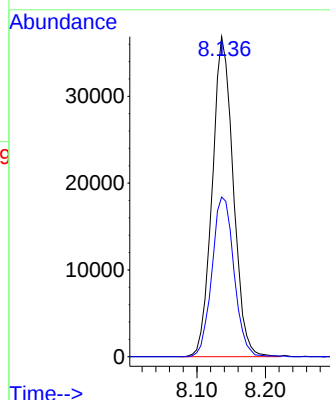
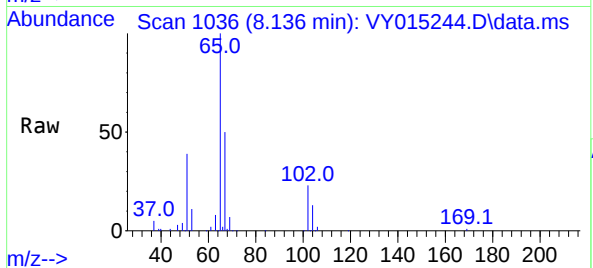




#33
1,2-Dichloroethane-d4
Concen: 53.422 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015244.D
Acq: 22 Aug 2023 15:04

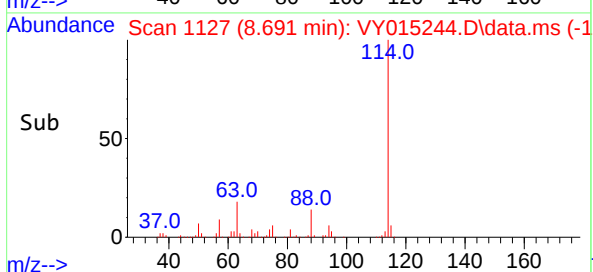
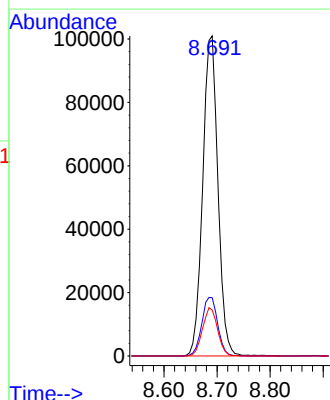
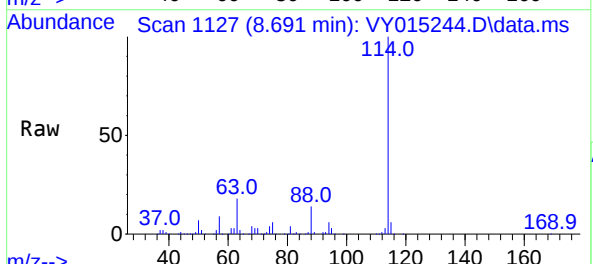
Instrument :
MSVOA_Y
ClientSampleId :
364

Tgt Ion: 65 Resp: 78396
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015244.D
Acq: 22 Aug 2023 15:04

Tgt Ion: 114 Resp: 200929
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 14.3 0.0 30.6

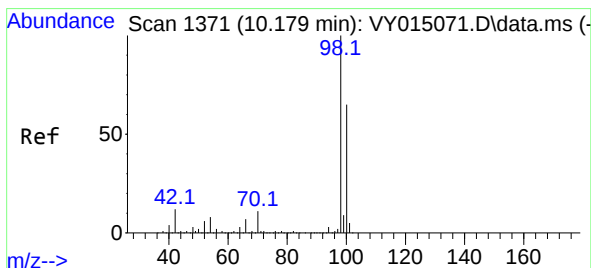
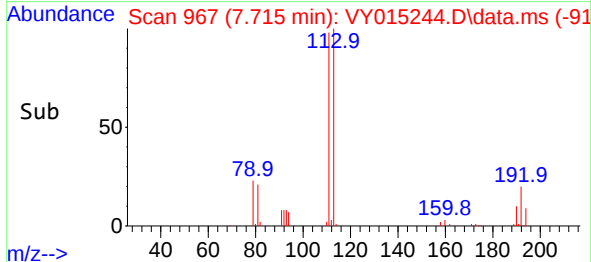
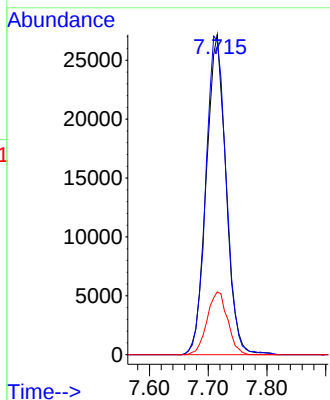
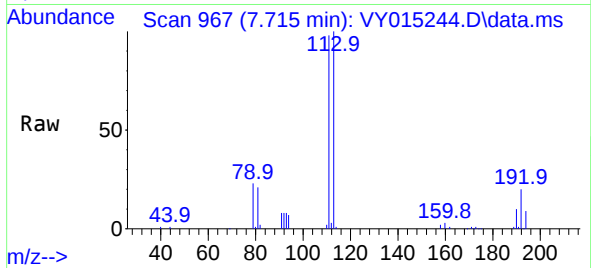




#35
Dibromofluoromethane
Concen: 49.138 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015244.D
Acq: 22 Aug 2023 15:04

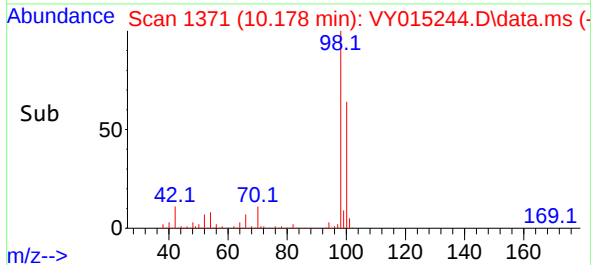
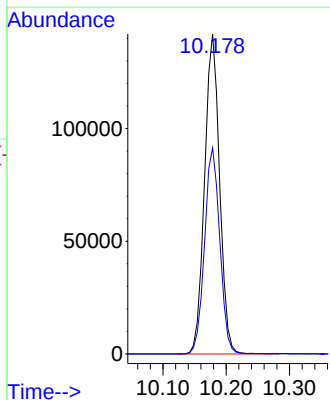
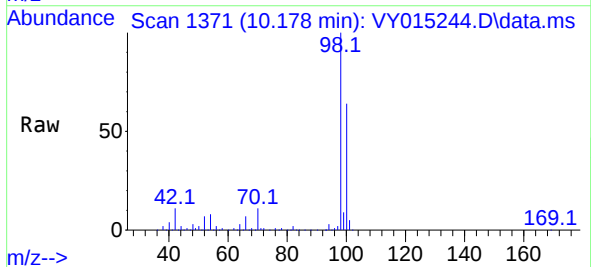
Instrument :
MSVOA_Y
ClientSampleId :
364

Tgt Ion:113 Resp: 63518
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.3 16.9 25.3



#50
Toluene-d8
Concen: 48.862 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015244.D
Acq: 22 Aug 2023 15:04

Tgt Ion: 98 Resp: 235121
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

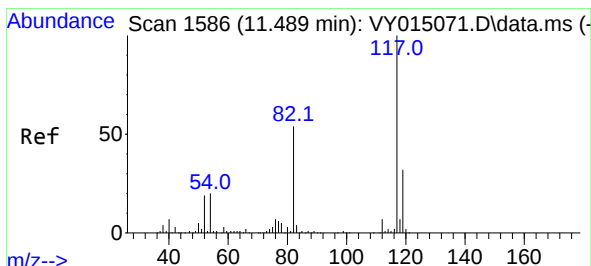
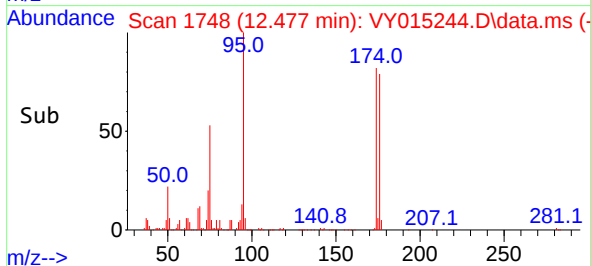
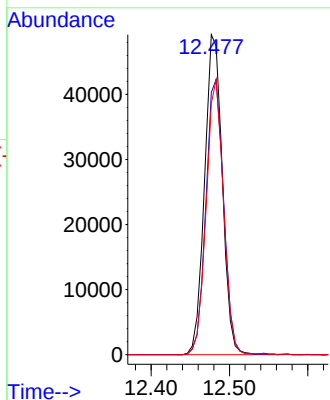
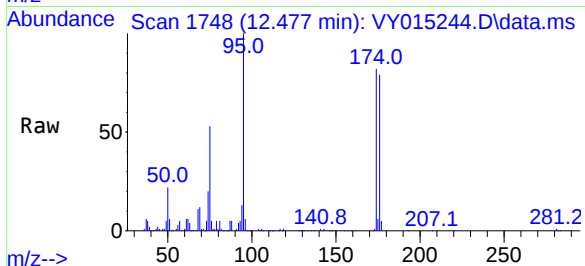




#62
4-Bromofluorobenzene
Concen: 43.898 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015244.D
Acq: 22 Aug 2023 15:04

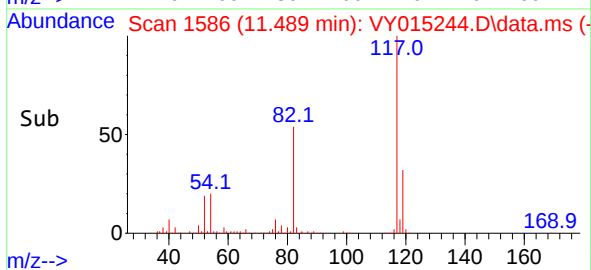
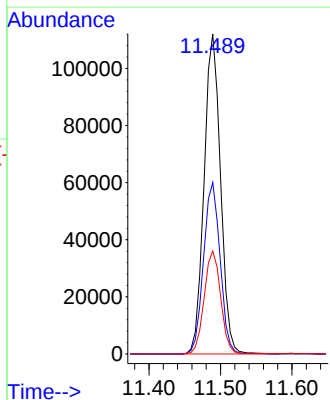
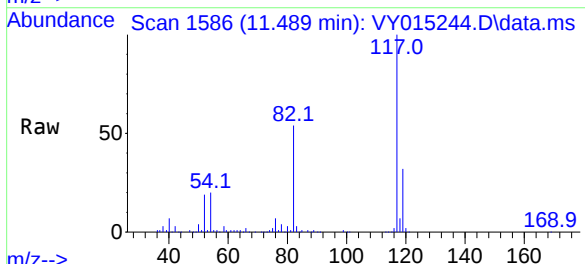
Instrument :
MSVOA_Y
ClientSampleId :
364

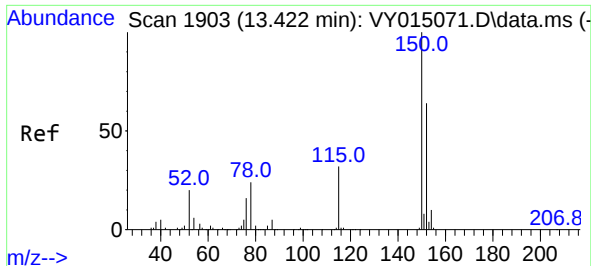
Tgt Ion: 95 Resp: 77153
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015244.D
Acq: 22 Aug 2023 15:04

Tgt Ion: 117 Resp: 178930
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.1 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: VY015244.D

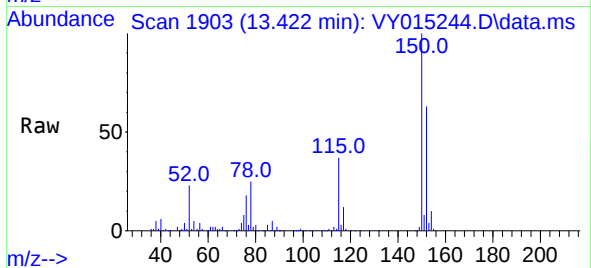
Acq: 22 Aug 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

364



Tgt Ion:152 Resp: 83721

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.9 0.0 348.8

