

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015219.D
 Acq On : 21 Aug 2023 14:44
 Operator : SY/MD
 Sample : 04086-11
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP14A

Quant Time: Aug 22 01:54:59 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)

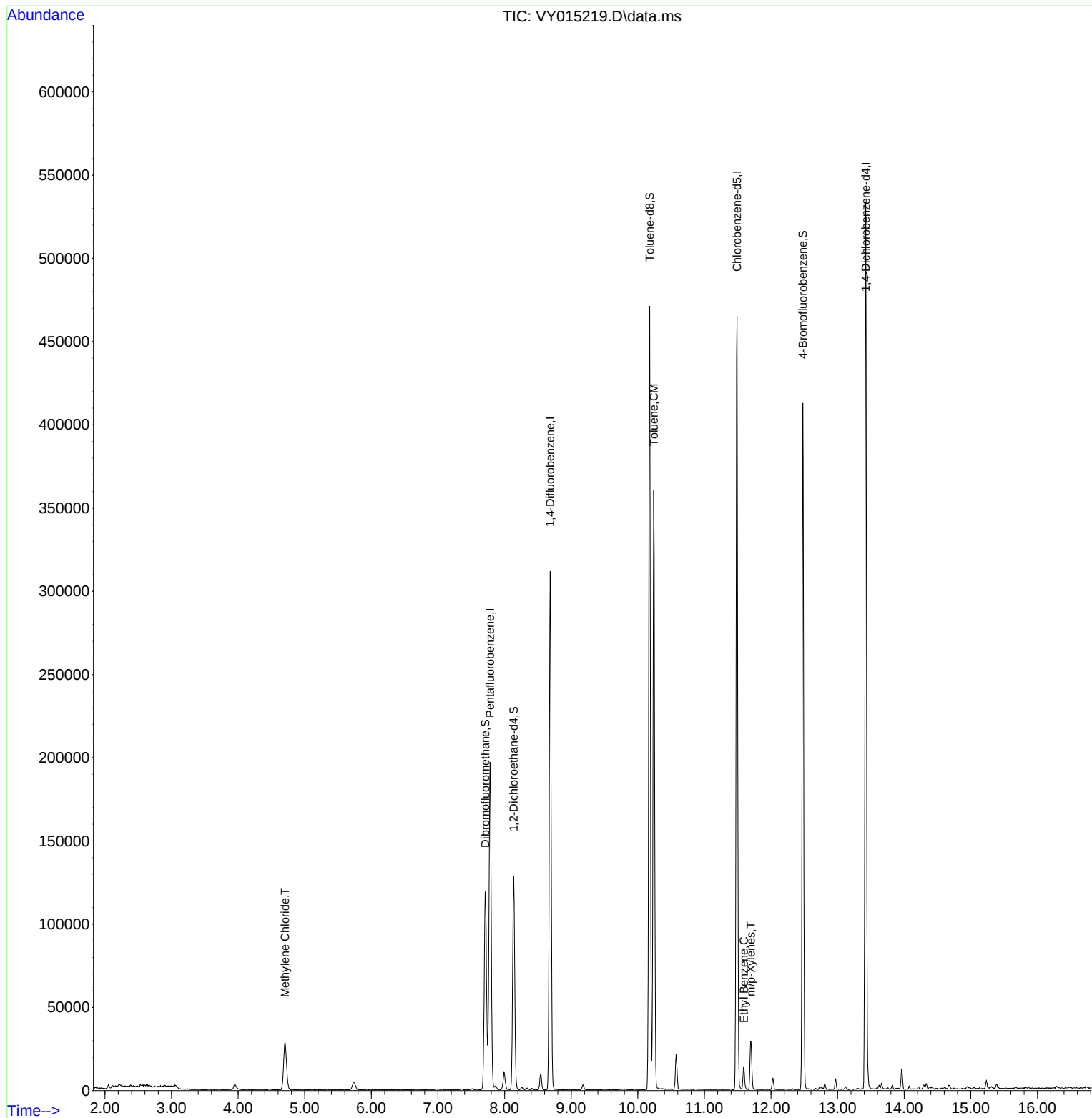
Internal Standards						
1) Pentafluorobenzene	7.783	168	150234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100261	55.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.180%
35) Dibromofluoromethane	7.709	113	84666	49.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.178	98	306796	48.323	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.477	95	123566	53.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.580%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	22273	12.530	ug/l	# 86
52) Toluene	10.239	92	150514	40.031	ug/l	93
67) Ethyl Benzene	11.593	91	9753	1.209	ug/l	96
68) m/p-Xylenes	11.696	106	9135	2.981	ug/l	98

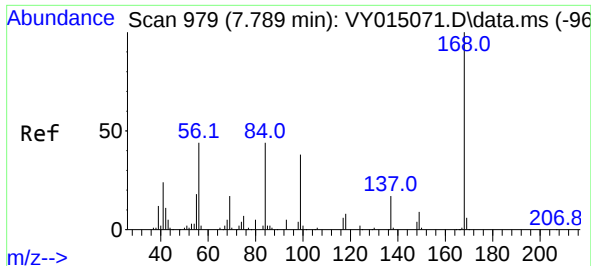
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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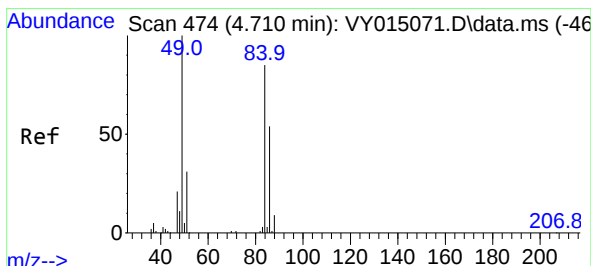
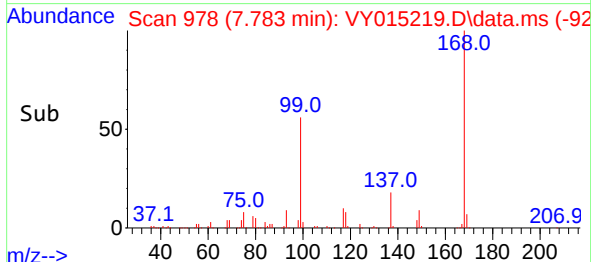
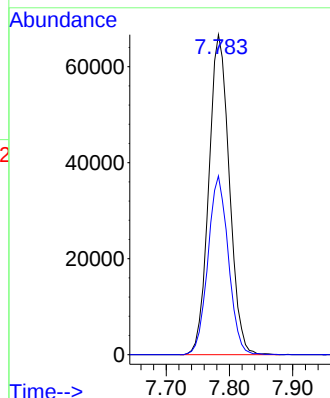
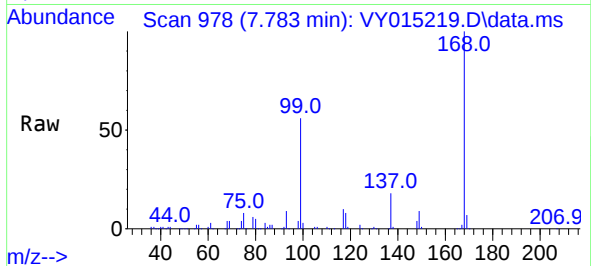




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

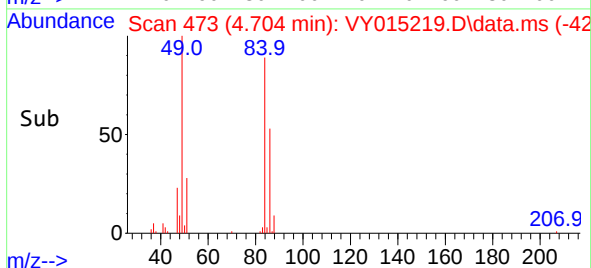
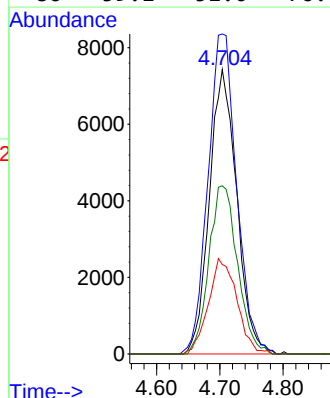
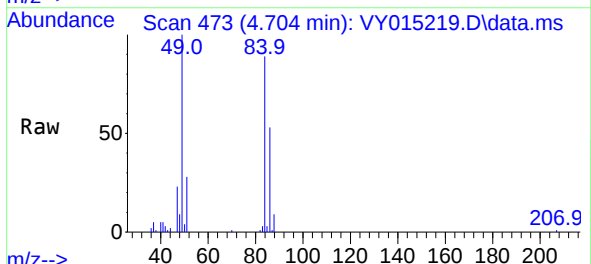
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

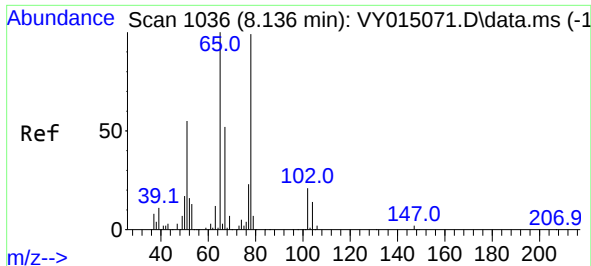
Tgt Ion:168 Resp: 150234
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#20
Methylene Chloride
Concen: 12.530 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

Tgt Ion: 84 Resp: 22273
Ion Ratio Lower Upper
84 100
49 112.5 106.9 160.3
51 31.5 33.2 49.8#
86 59.1 51.0 76.6

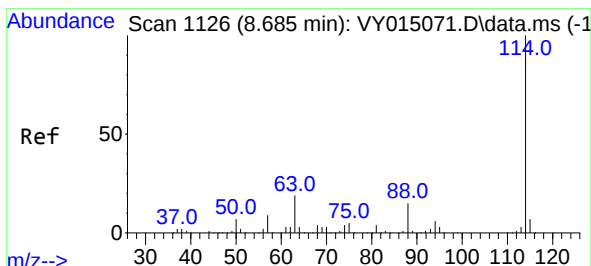
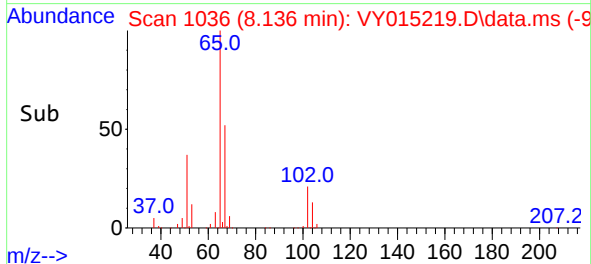
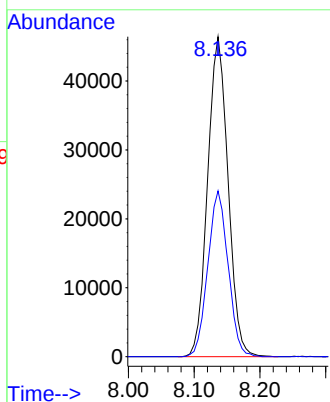
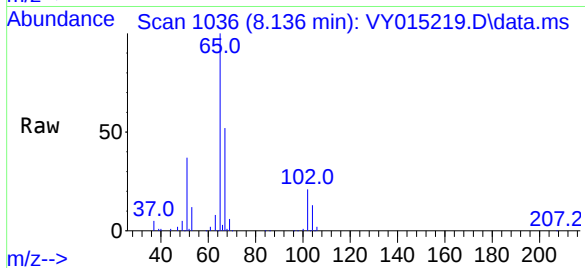




#33
1,2-Dichloroethane-d4
Concen: 55.595 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

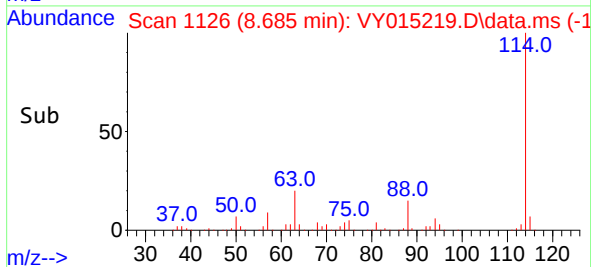
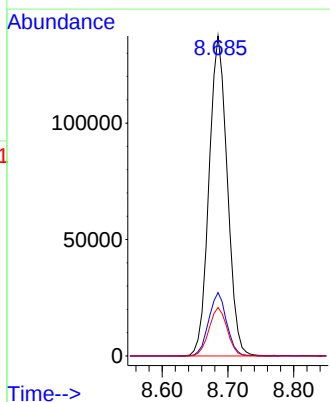
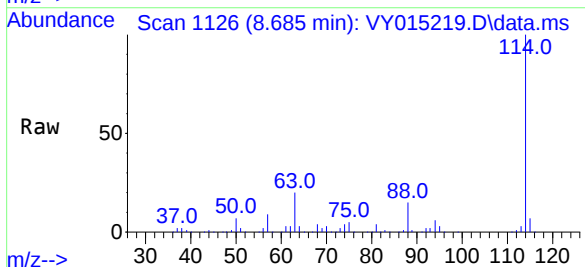
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Tgt Ion: 65 Resp: 100261
Ion Ratio Lower Upper
65 100
67 51.6 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: VY015219.D
Acq: 21 Aug 2023 14:44

Tgt Ion: 114 Resp: 265106
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.1 0.0 30.6

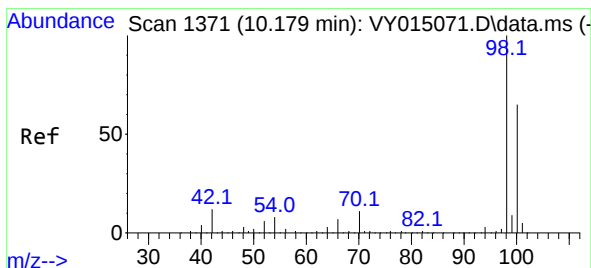
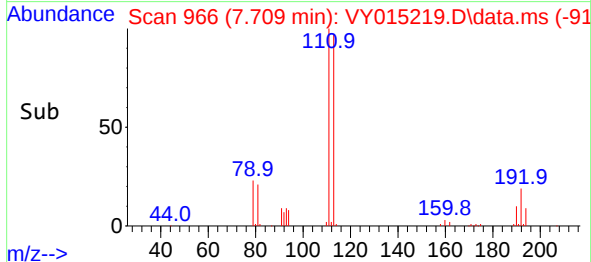
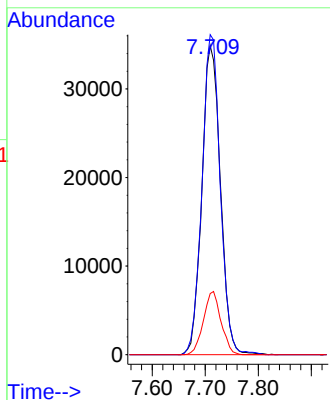
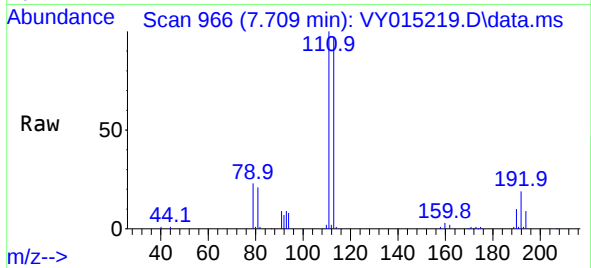




#35
Dibromofluoromethane
Concen: 49.642 ug/l
RT: 7.709 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

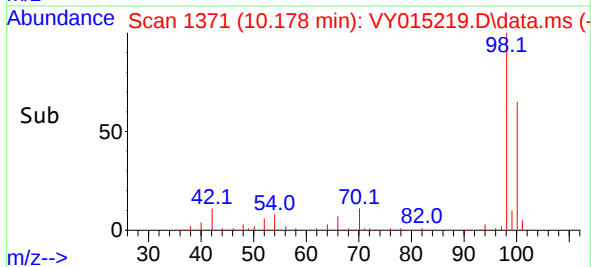
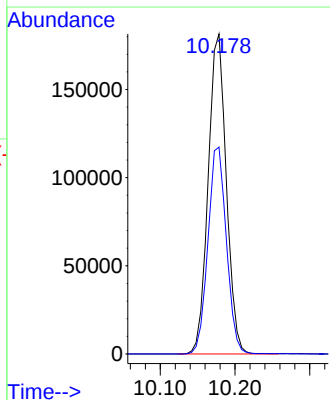
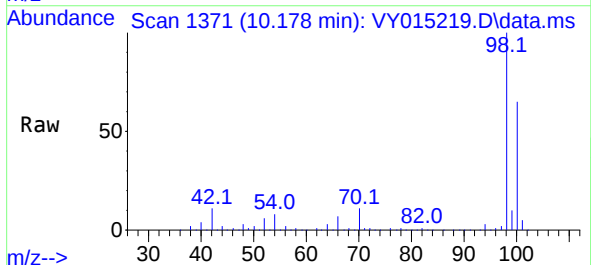
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

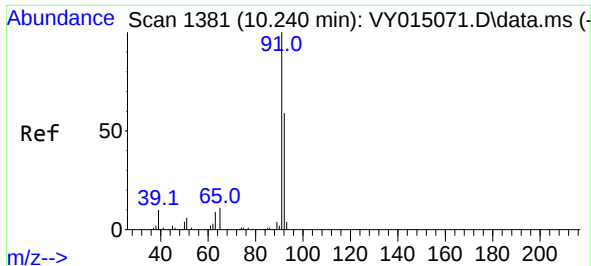
Tgt Ion:113 Resp: 84666
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 48.323 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

Tgt Ion: 98 Resp: 306796
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

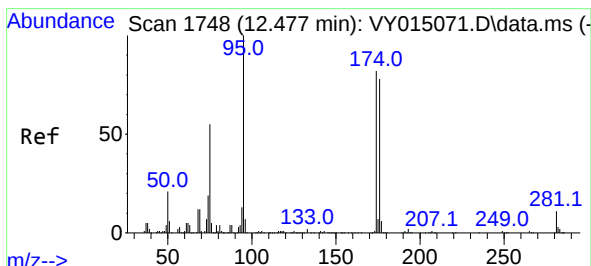
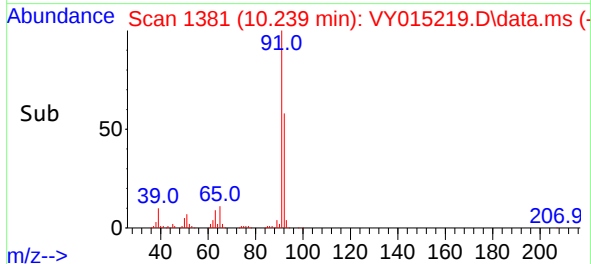
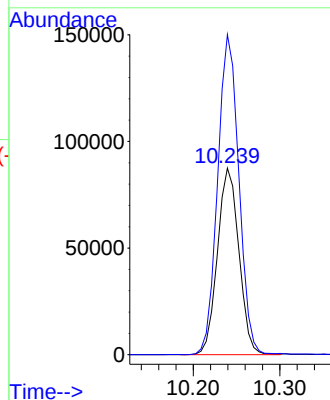
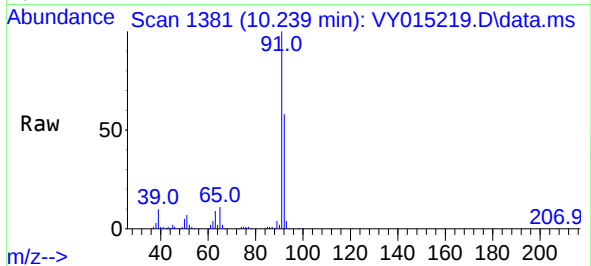




#52
Toluene
Concen: 40.031 ug/l
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

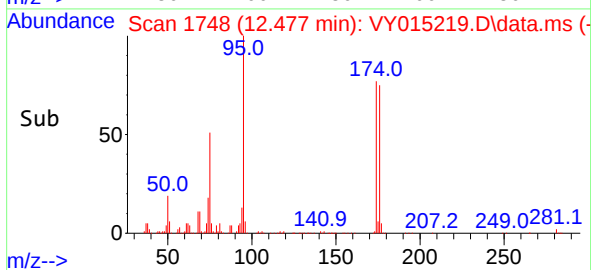
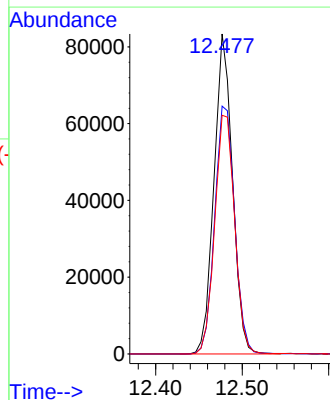
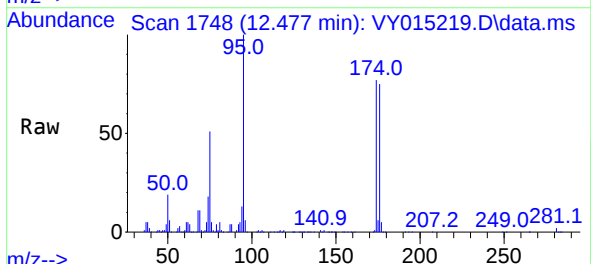
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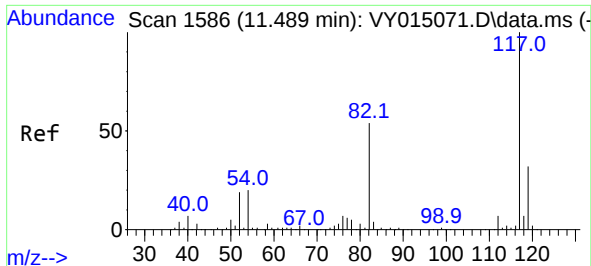
Tgt Ion: 92 Resp: 150514
Ion Ratio Lower Upper
92 100
91 170.0 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 53.286 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

Tgt Ion: 95 Resp: 123566
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 80.4 0.0 173.8

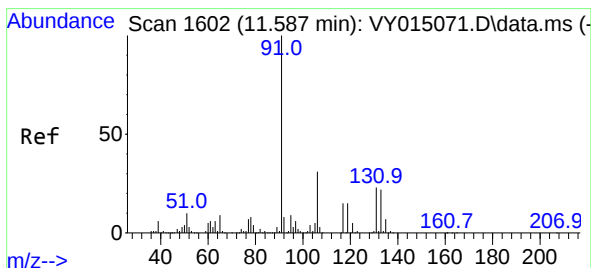
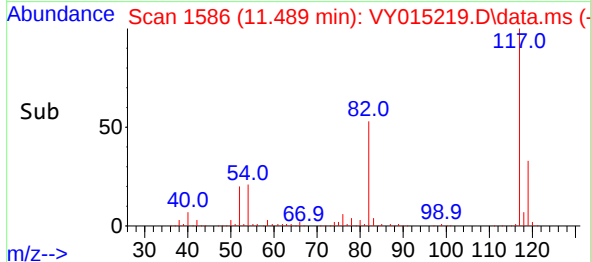
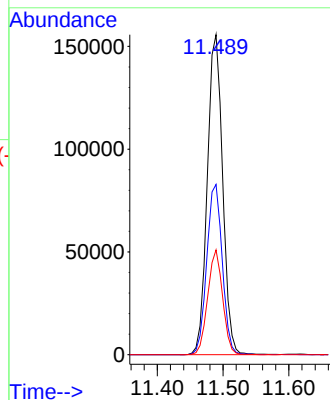
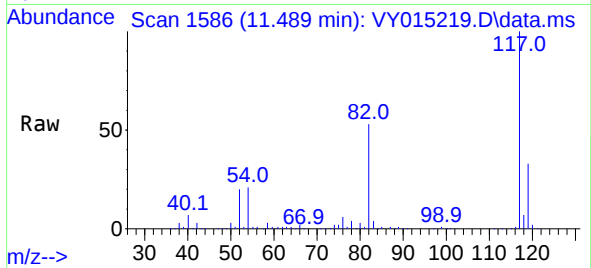




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

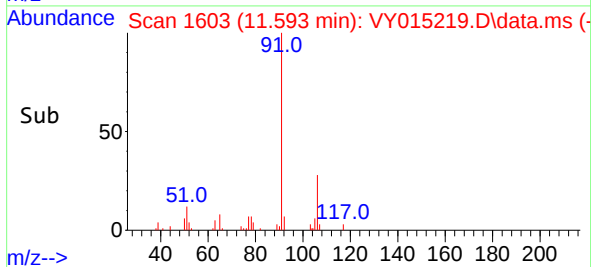
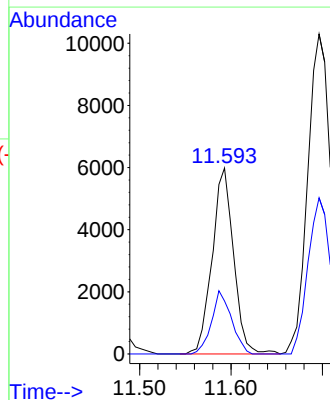
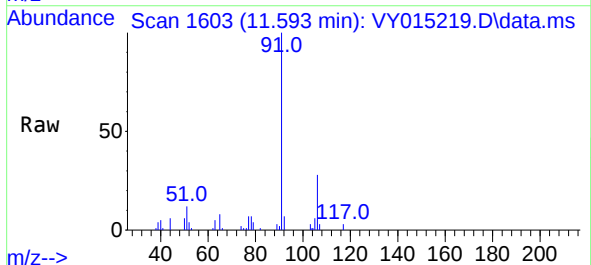
Instrument :
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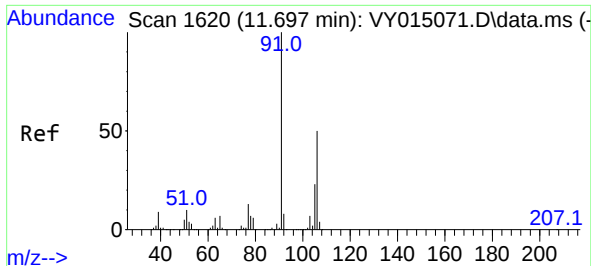
Tgt Ion:117 Resp: 252725
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.7 26.3 39.5



#67
Ethyl Benzene
Concen: 1.209 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

Tgt Ion: 91 Resp: 9753
Ion Ratio Lower Upper
91 100
106 28.4 24.6 36.8

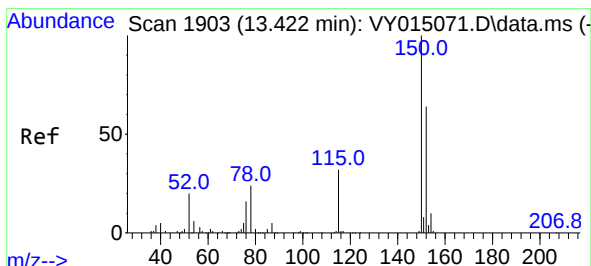
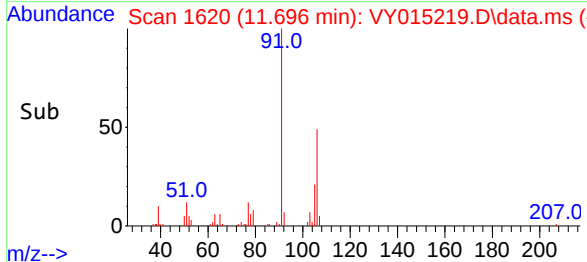
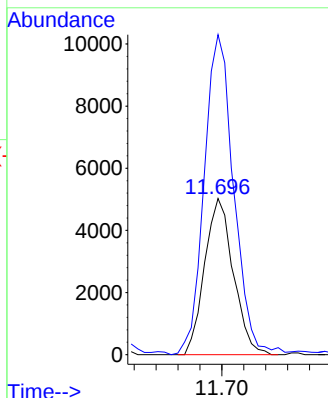
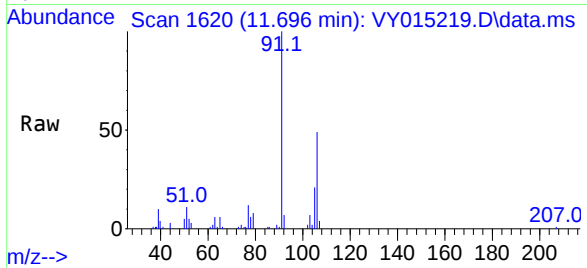




#68
m/p-Xylenes
Concen: 2.981 ug/l
RT: 11.696 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Tgt Ion:106 Resp: 9135
Ion Ratio Lower Upper
106 100
91 211.3 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015219.D
Acq: 21 Aug 2023 14:44

Tgt Ion:152 Resp: 134707
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 156.2 0.0 348.8

