

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015208.D
 Acq On : 18 Aug 2023 20:08
 Operator : SY/MD
 Sample : 04058-01
 Misc : 4.99g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-081723

Quant Time: Aug 18 23:16:57 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)

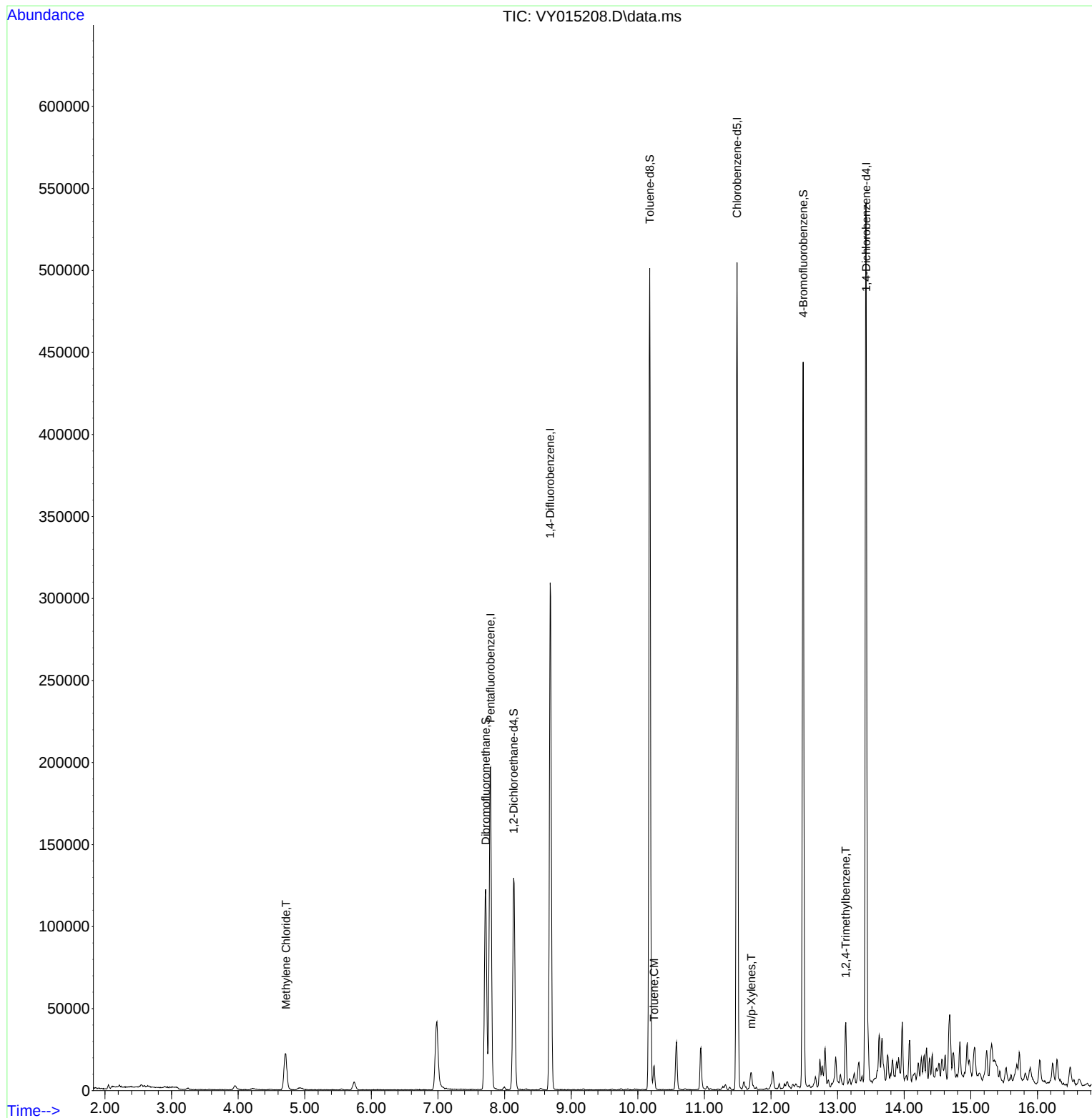
Internal Standards						
1) Pentafluorobenzene	7.789	168	156622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103602	55.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.716	113	85544	48.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.179	98	324061	49.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.483	95	128727	54.186	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.380%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	17497	8.276	ug/l	# 84
52) Toluene	10.246	92	5768	1.497	ug/l	99
68) m/p-Xylenes	11.703	106	3427	1.037	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	20577	2.713	ug/l	99

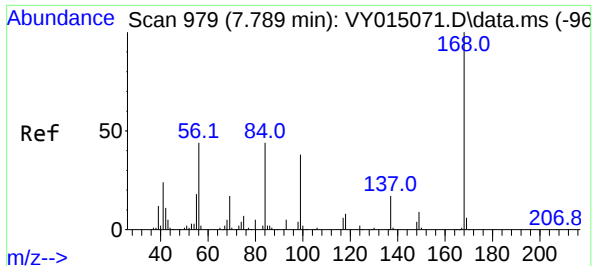
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

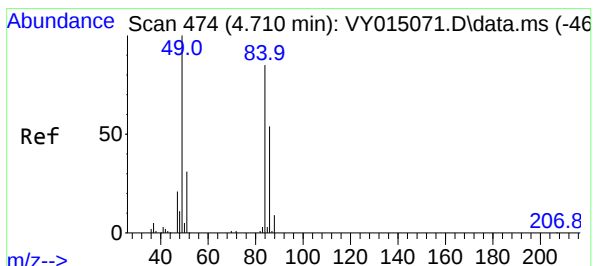
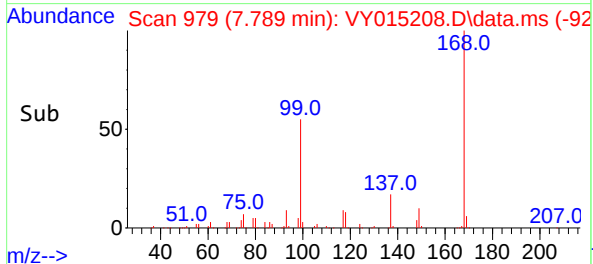
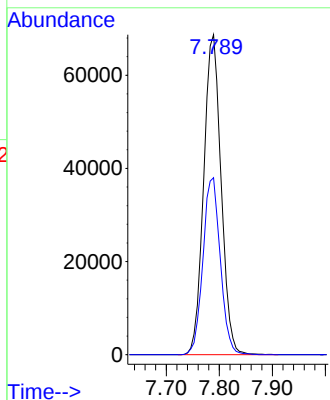
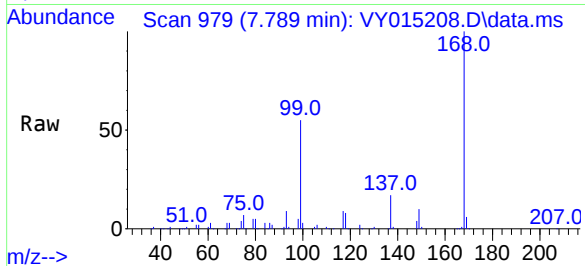




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

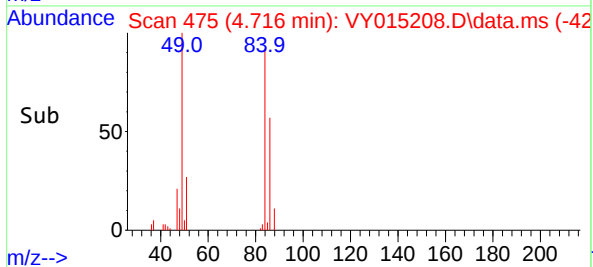
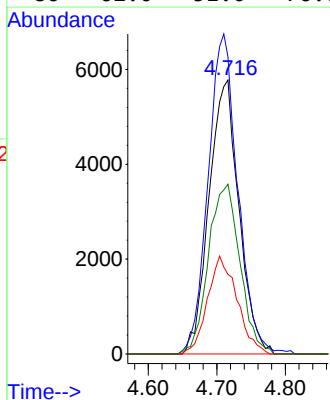
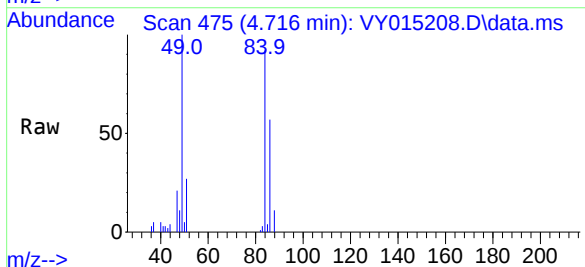
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-081723

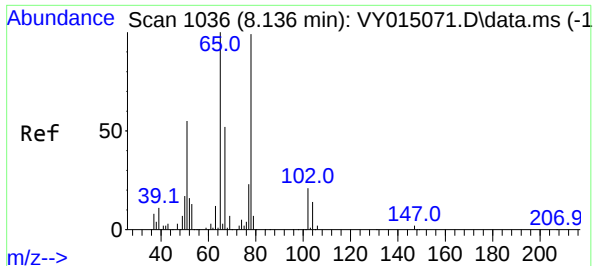
Tgt Ion:168 Resp: 156622
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#20
Methylene Chloride
Concen: 8.276 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

Tgt Ion: 84 Resp: 17497
Ion Ratio Lower Upper
84 100
49 108.5 106.9 160.3
51 29.0 33.2 49.8#
86 62.0 51.0 76.6

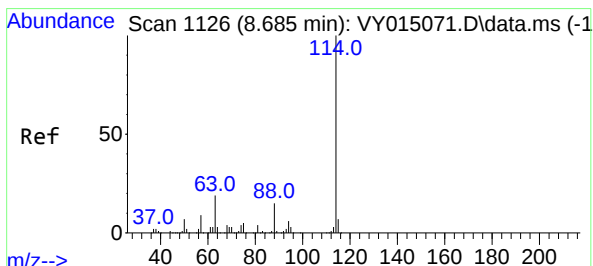
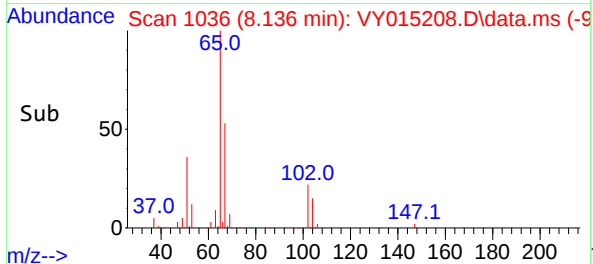
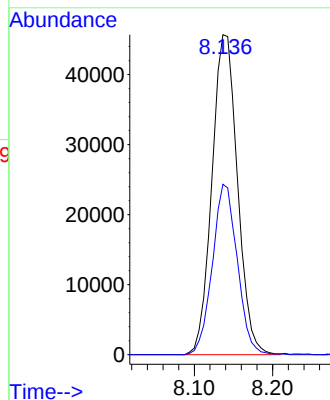
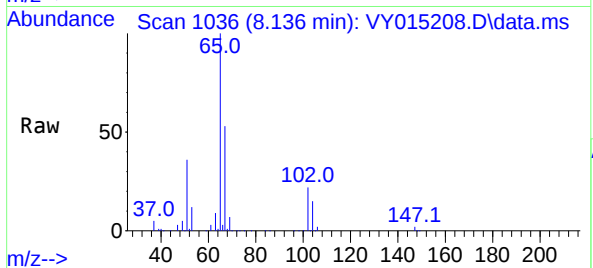




#33
1,2-Dichloroethane-d4
Concen: 55.104 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

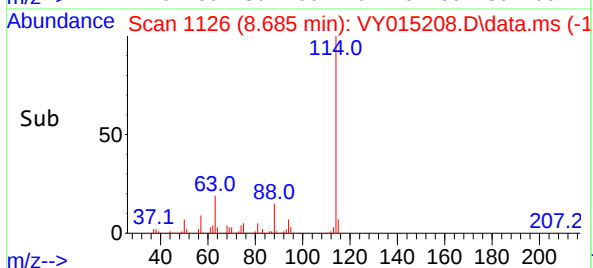
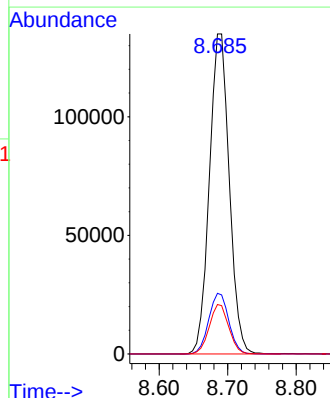
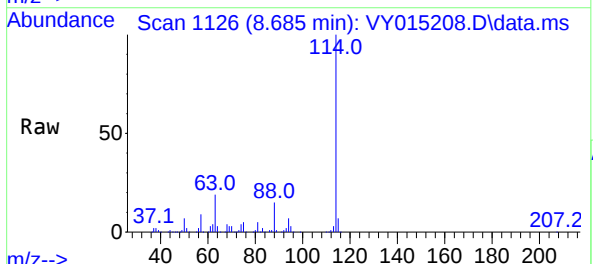
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-081723

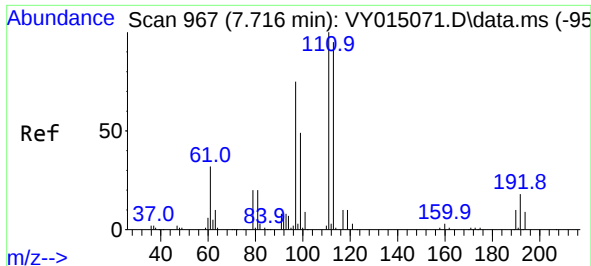
Tgt Ion: 65 Resp: 103602
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

Tgt Ion: 114 Resp: 271593
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.4 0.0 30.6

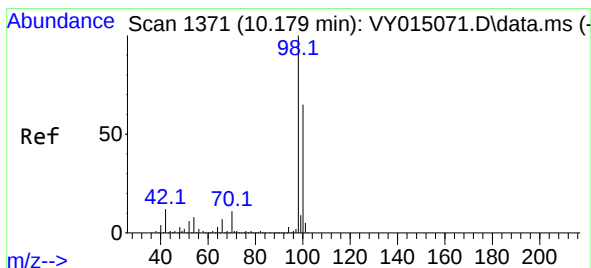
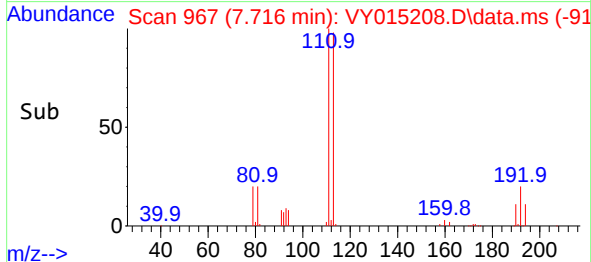
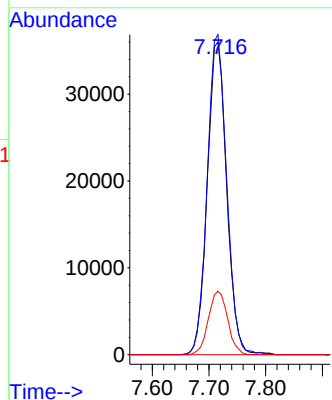
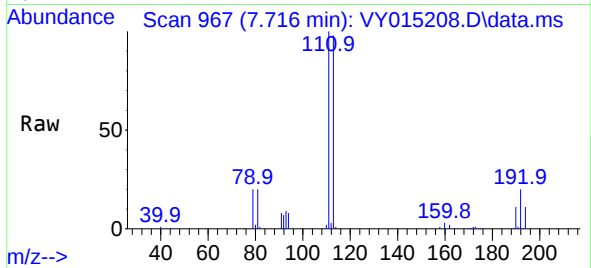




#35
Dibromofluoromethane
Concen: 48.959 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

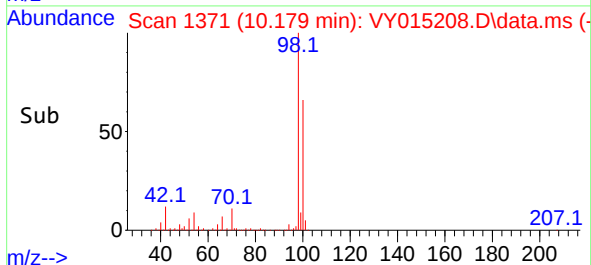
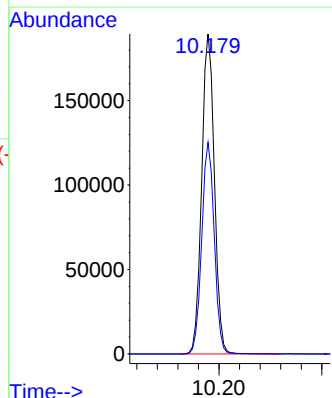
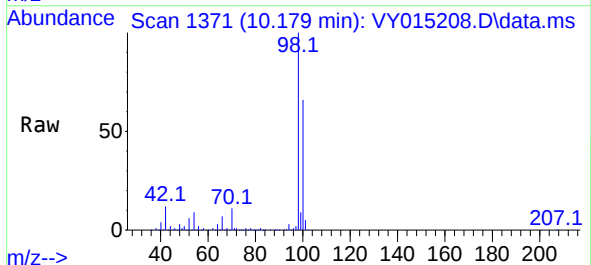
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-081723

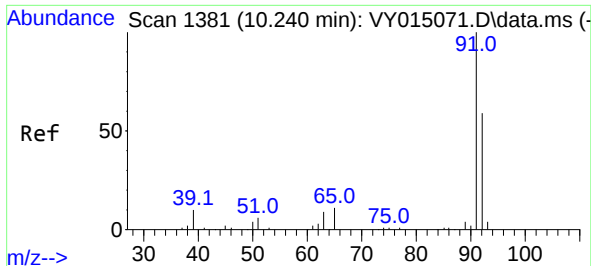
Tgt Ion:113 Resp: 85544
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 49.823 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

Tgt Ion: 98 Resp: 324061
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

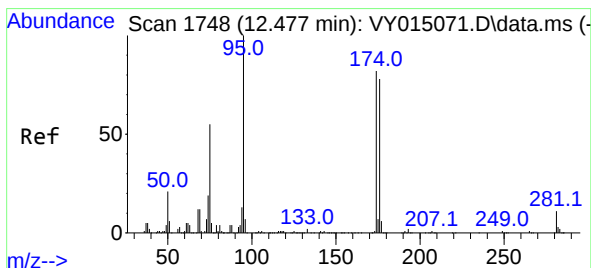
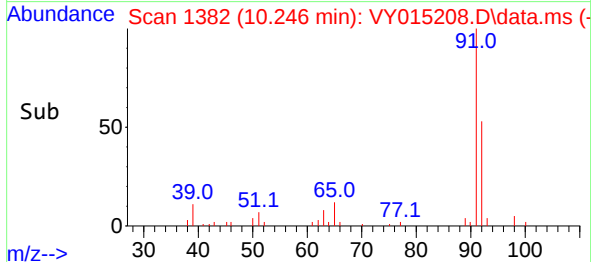
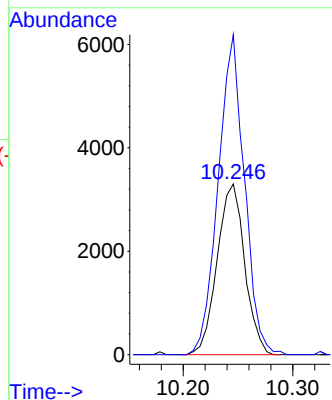
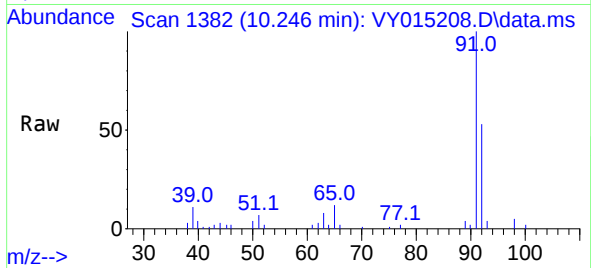




#52
Toluene
Concen: 1.497 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

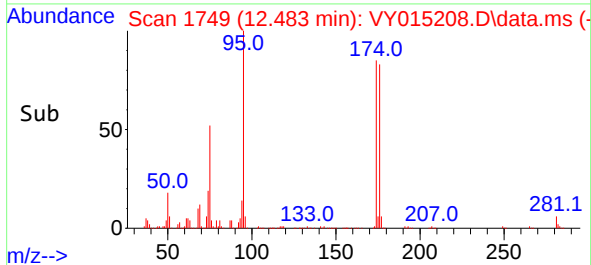
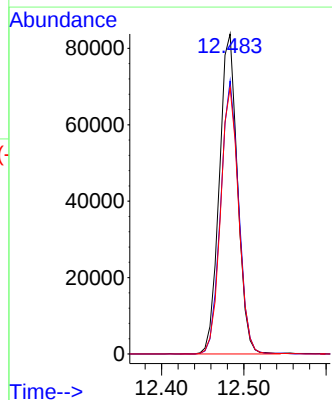
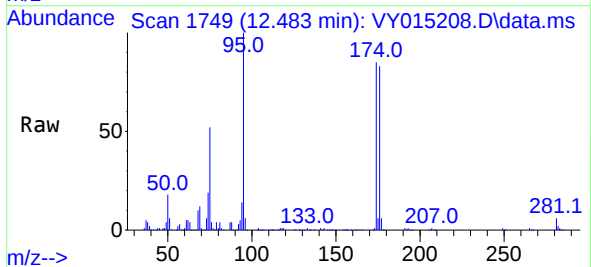
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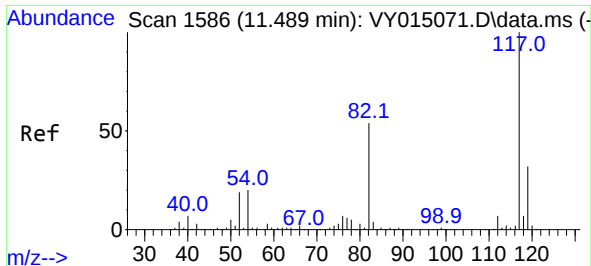
Tgt Ion: 92 Resp: 5768
Ion Ratio Lower Upper
92 100
91 178.7 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 54.186 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

Tgt Ion: 95 Resp: 128727
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 82.6 0.0 173.8

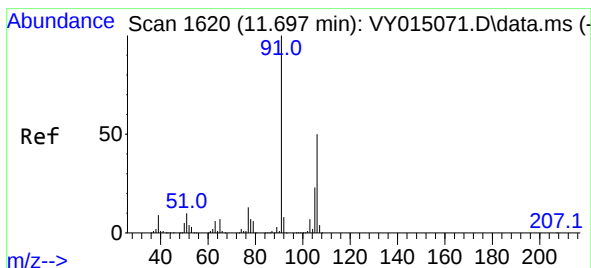
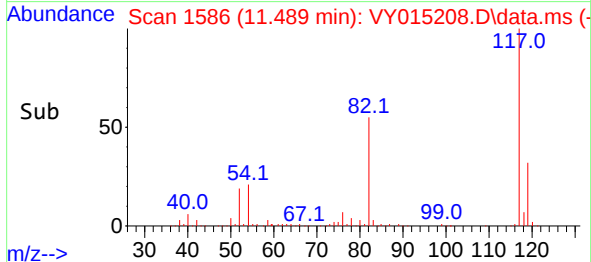
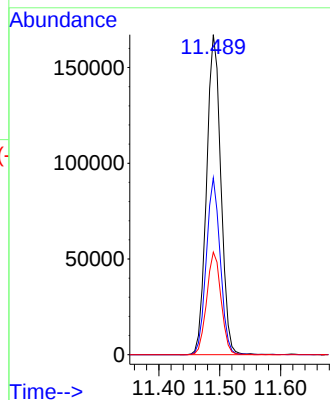
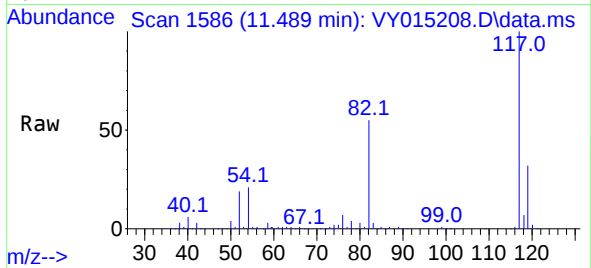




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

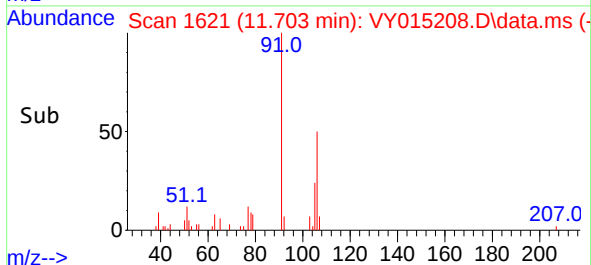
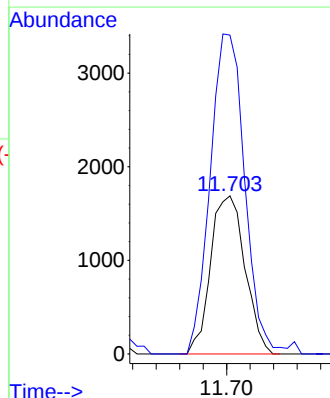
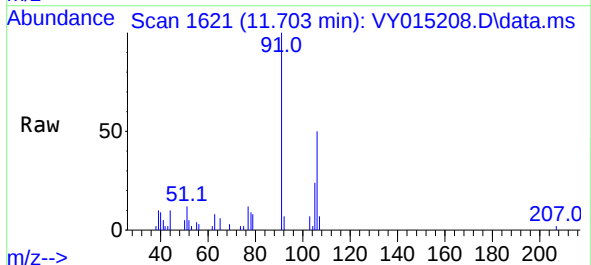
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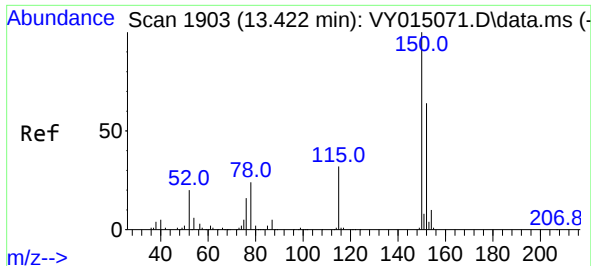
Tgt Ion:117 Resp: 272662
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.1 26.3 39.5



#68
m/p-Xylenes
Concen: 1.037 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

Tgt Ion:106 Resp: 3427
Ion Ratio Lower Upper
106 100
91 203.2 166.1 249.1

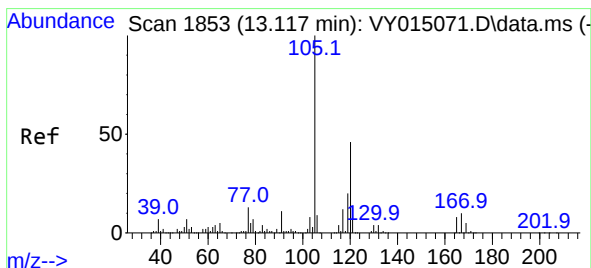
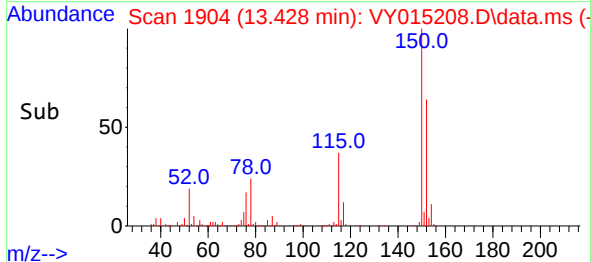
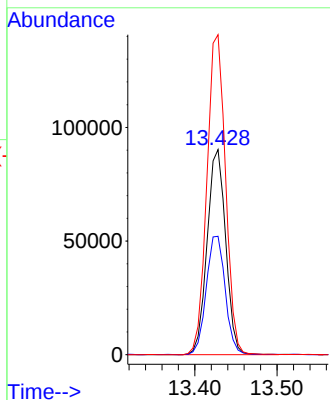
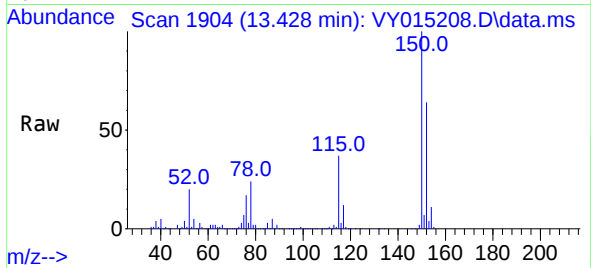




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:152 Resp: 141595
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 156.7 0.0 348.8



#84
1,2,4-Trimethylbenzene
Concen: 2.713 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015208.D
Acq: 18 Aug 2023 20:08

Tgt Ion:105 Resp: 20577
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6

