

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015571.D
 Acq On : 15 Sep 2023 15:51
 Operator : SY/MD
 Sample : 04405-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-091223

Quant Time: Sep 15 16:16:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

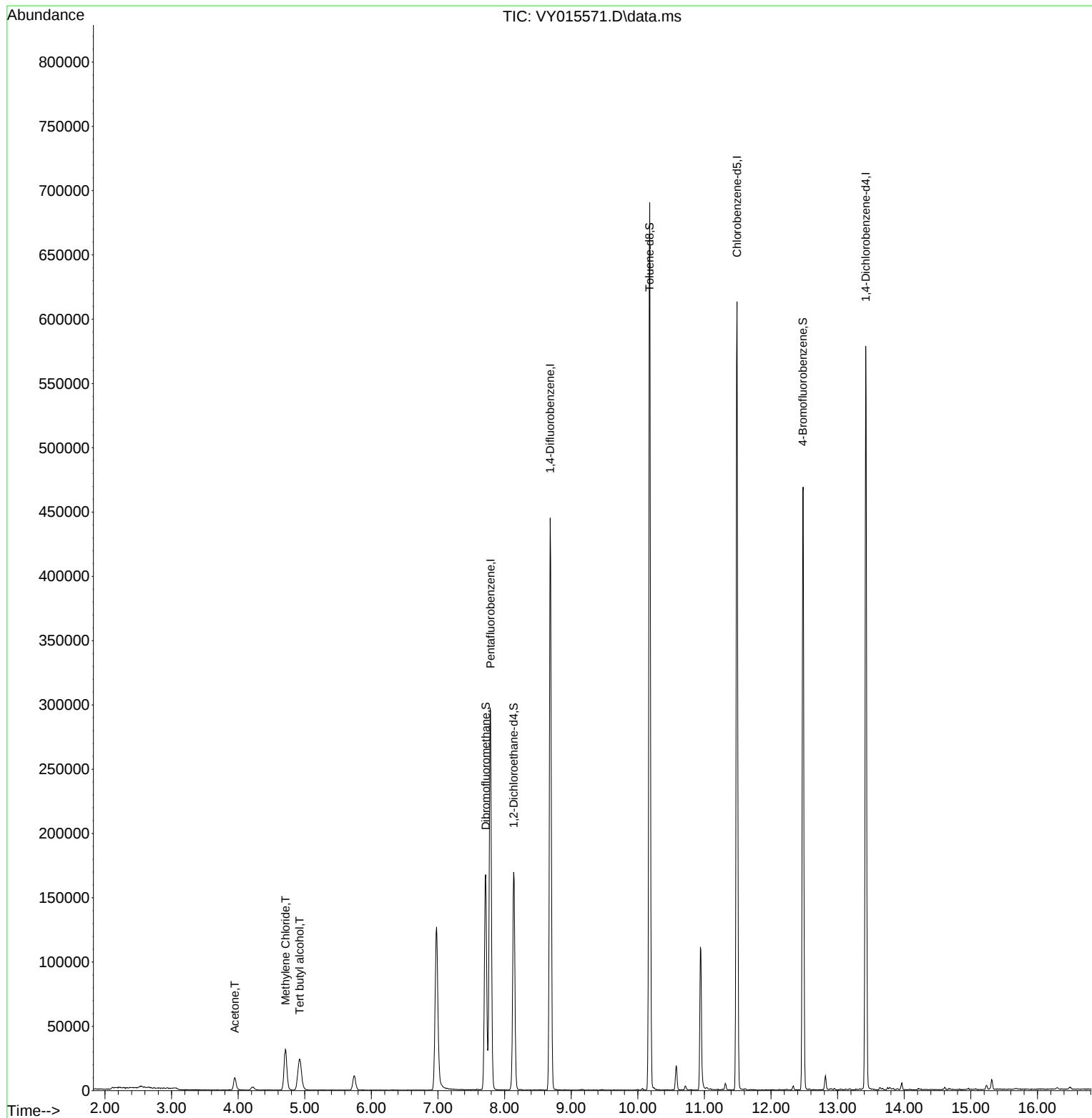
Internal Standards						
1) Pentafluorobenzene	7.789	168	232695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133684	53.592	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 107.180%		
35) Dibromofluoromethane	7.716	113	118923	54.451	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.900%		
50) Toluene-d8	10.179	98	442055	55.891	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 111.780%		
62) 4-Bromofluorobenzene	12.477	95	143054	48.721	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 97.440%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.923	59	25258	29.687	ug/l #	90
16) Acetone	3.948	43	17574	16.879	ug/l	96
20) Methylene Chloride	4.710	84	23858	1.230	ug/l	91

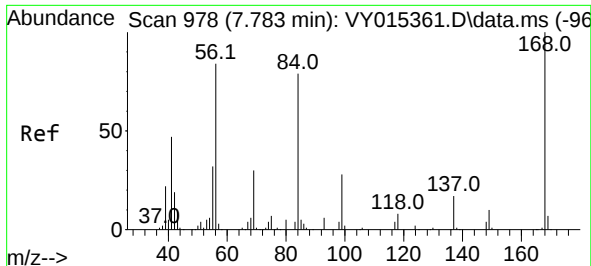
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

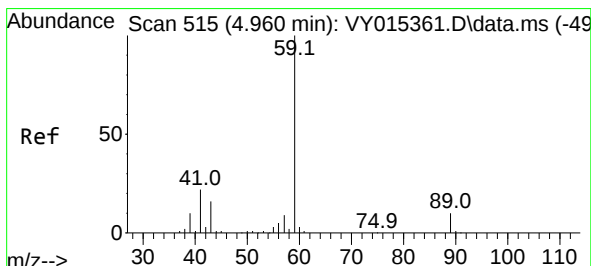
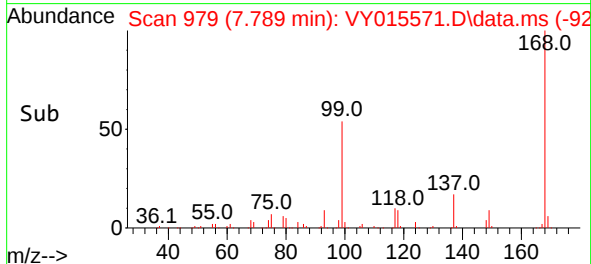
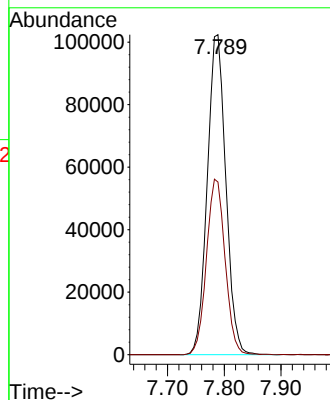
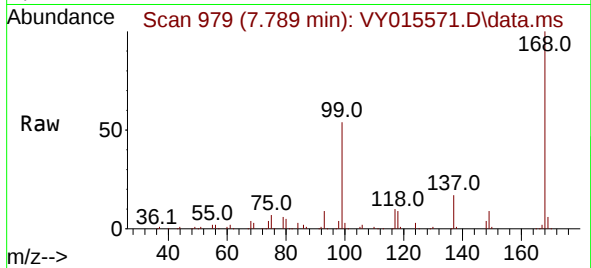




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

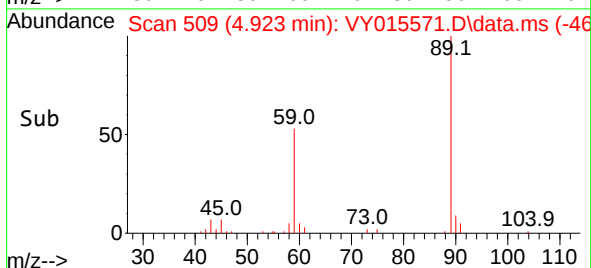
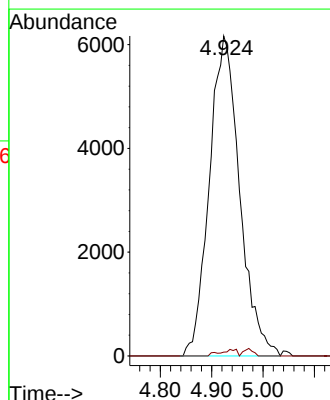
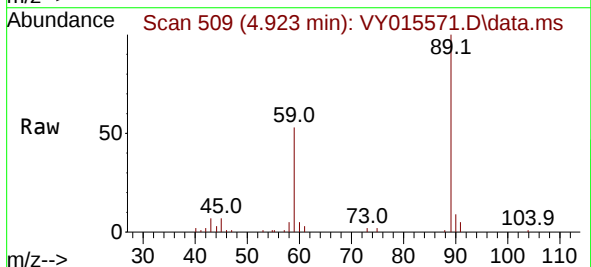
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-091223

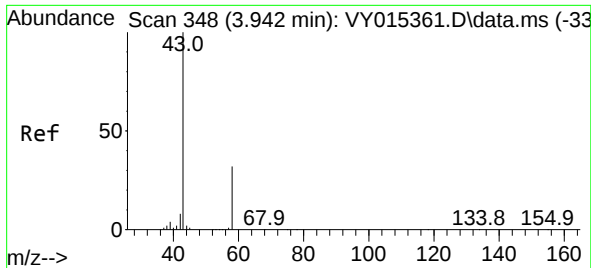
Tgt Ion:168 Resp: 232695
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 29.687 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Tgt Ion: 59 Resp: 25258
Ion Ratio Lower Upper
59 100
57 0.3 3.0 4.4#





#16

Acetone

Concen: 16.879 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY015571.D

Acq: 15 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

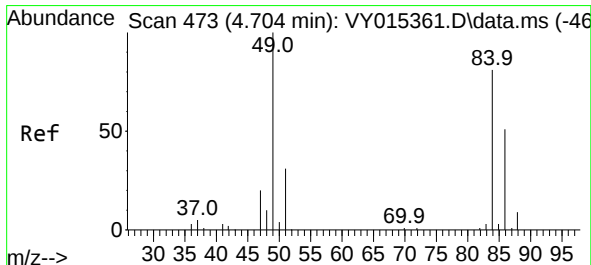
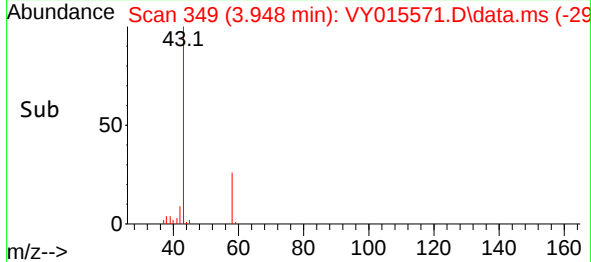
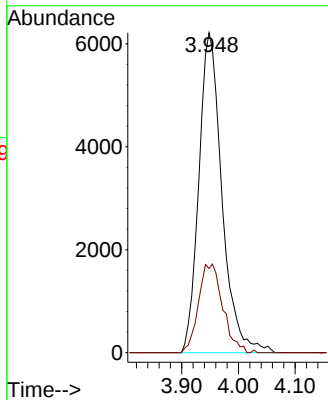
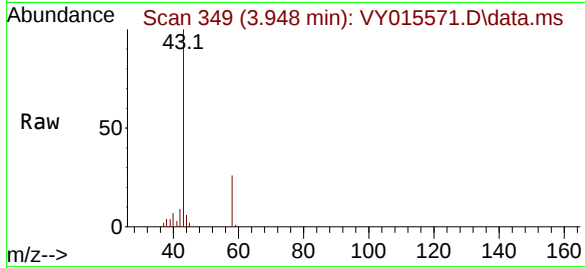
OR-02-091223

Tgt Ion: 43 Resp: 17574

Ion Ratio Lower Upper

43 100

58 26.3 22.7 34.1



#20

Methylene Chloride

Concen: 1.230 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015571.D

Acq: 15 Sep 2023 15:51

Tgt Ion: 84 Resp: 23858

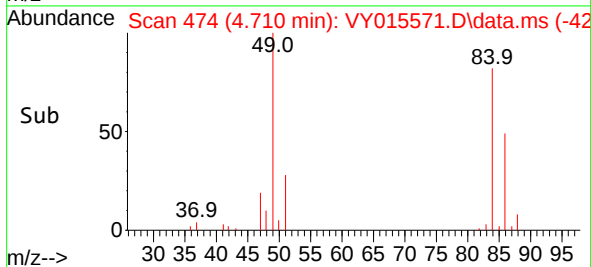
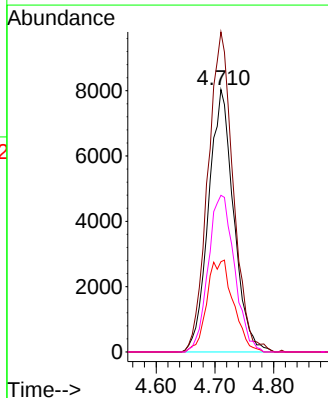
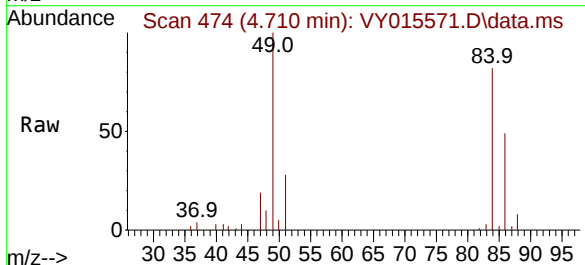
Ion Ratio Lower Upper

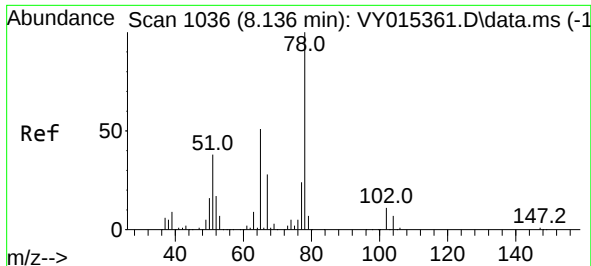
84 100

49 122.0 106.9 160.3

51 34.4 33.2 49.8

86 59.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.592 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015571.D

Acq: 15 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

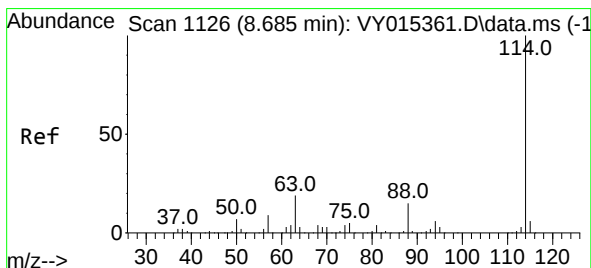
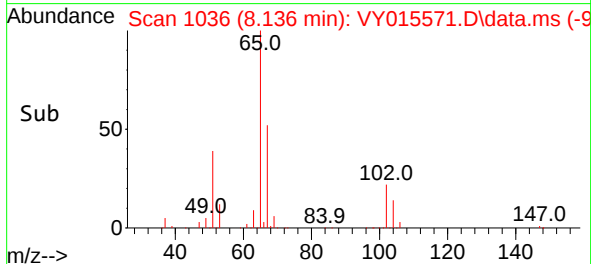
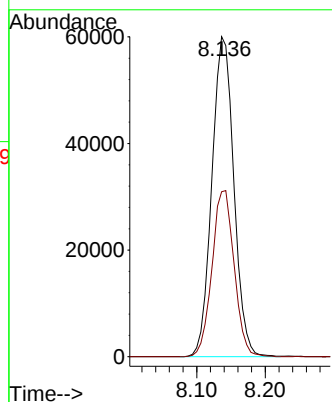
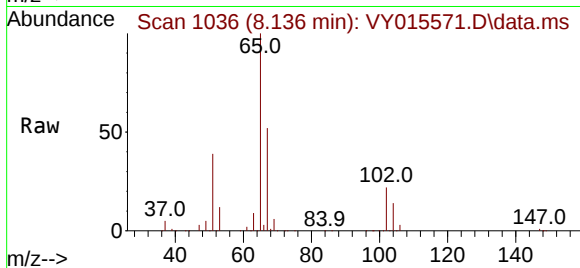
OR-02-091223

Tgt Ion: 65 Resp: 133684

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015571.D

Acq: 15 Sep 2023 15:51

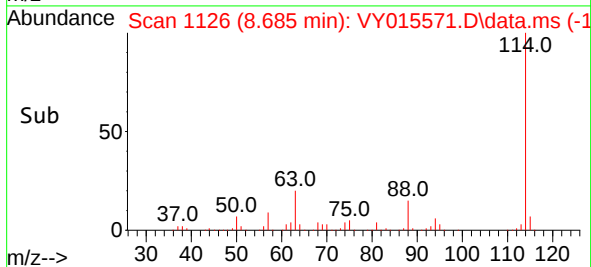
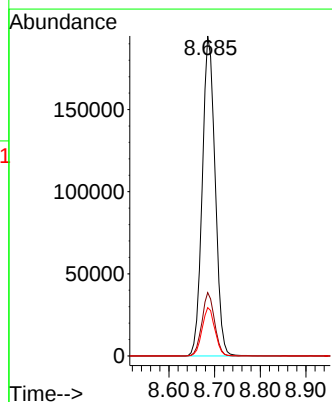
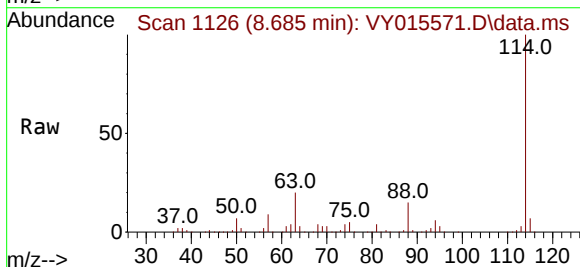
Tgt Ion: 114 Resp: 379188

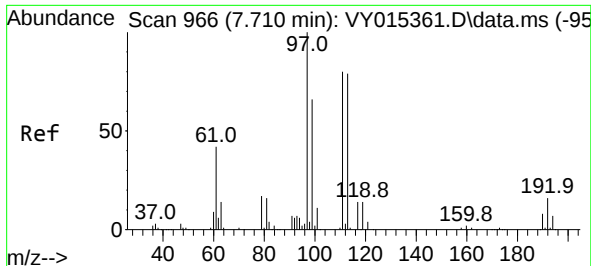
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.1 0.0 30.6

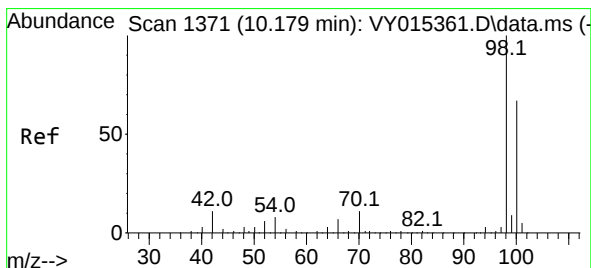
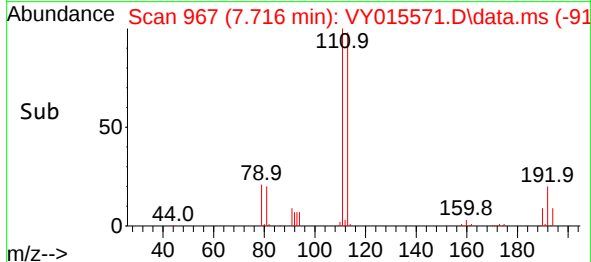
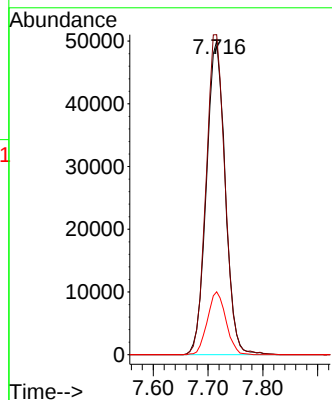
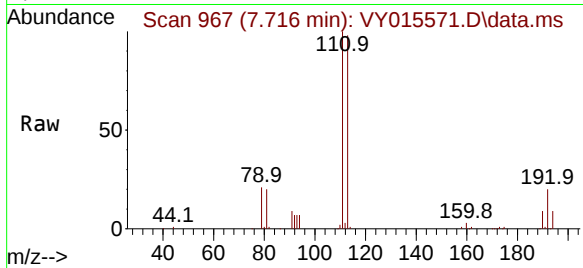




#35
Dibromofluoromethane
Concen: 54.451 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

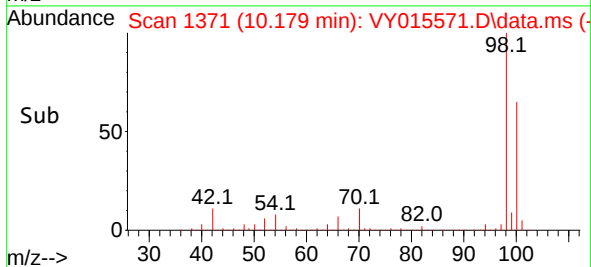
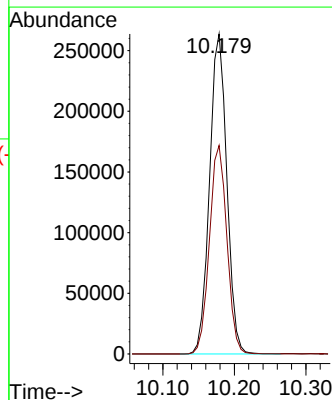
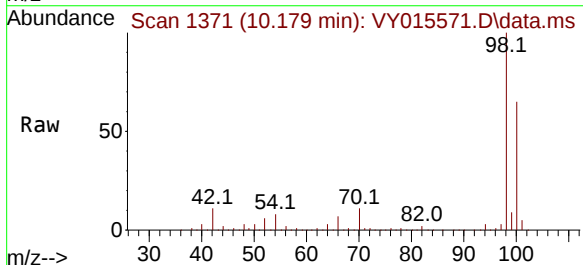
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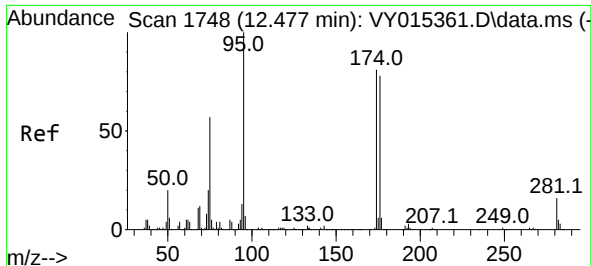
Tgt Ion:113 Resp: 118923
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 55.891 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Tgt Ion: 98 Resp: 442055
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

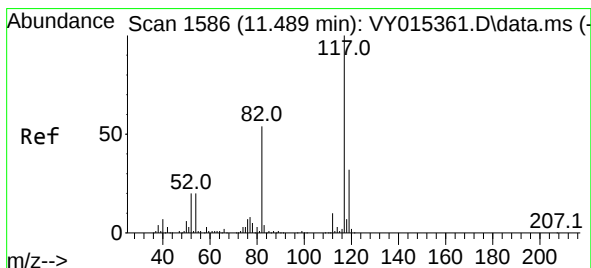
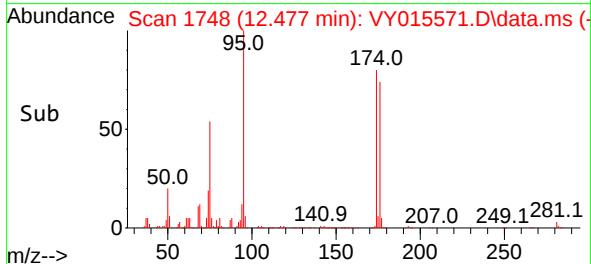
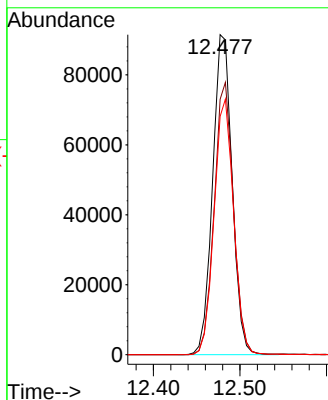
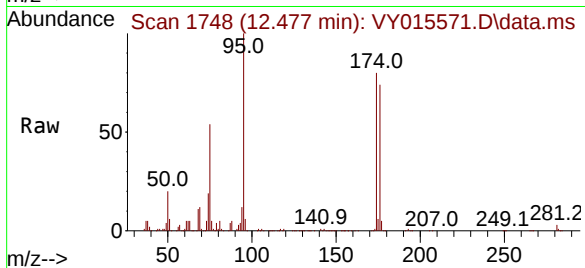




#62
4-Bromofluorobenzene
Concen: 48.721 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

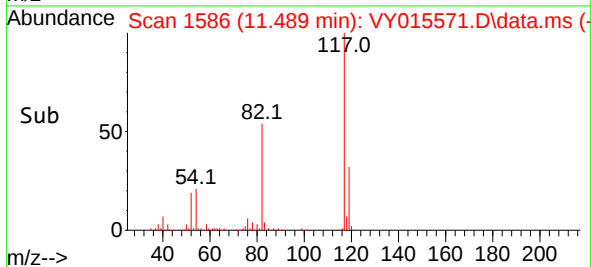
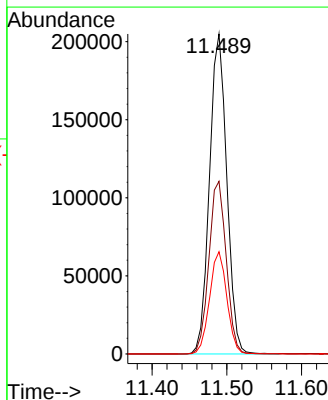
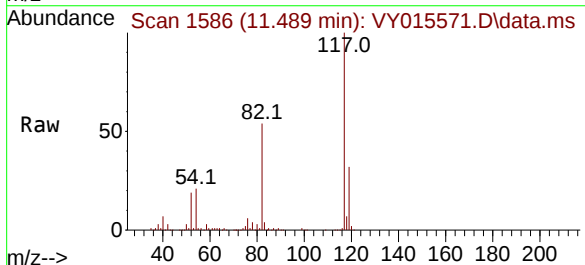
Instrument :
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ClientSampleId :
OR-02-091223

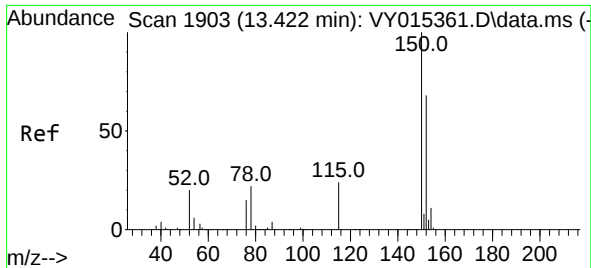
Tgt Ion: 95 Resp: 143054
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 79.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015571.D
Acq: 15 Sep 2023 15:51

Tgt Ion: 117 Resp: 329653
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.9 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: VY015571.D

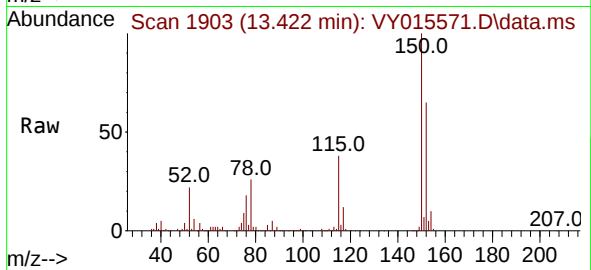
Acq: 15 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-091223



Tgt Ion:152 Resp: 147915

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.0 0.0 348.8

