

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015812.D
 Acq On : 03 Oct 2023 17:42
 Operator : SY/MD
 Sample : 04703-01
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E9066-OB-001

Quant Time: Oct 04 01:13:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

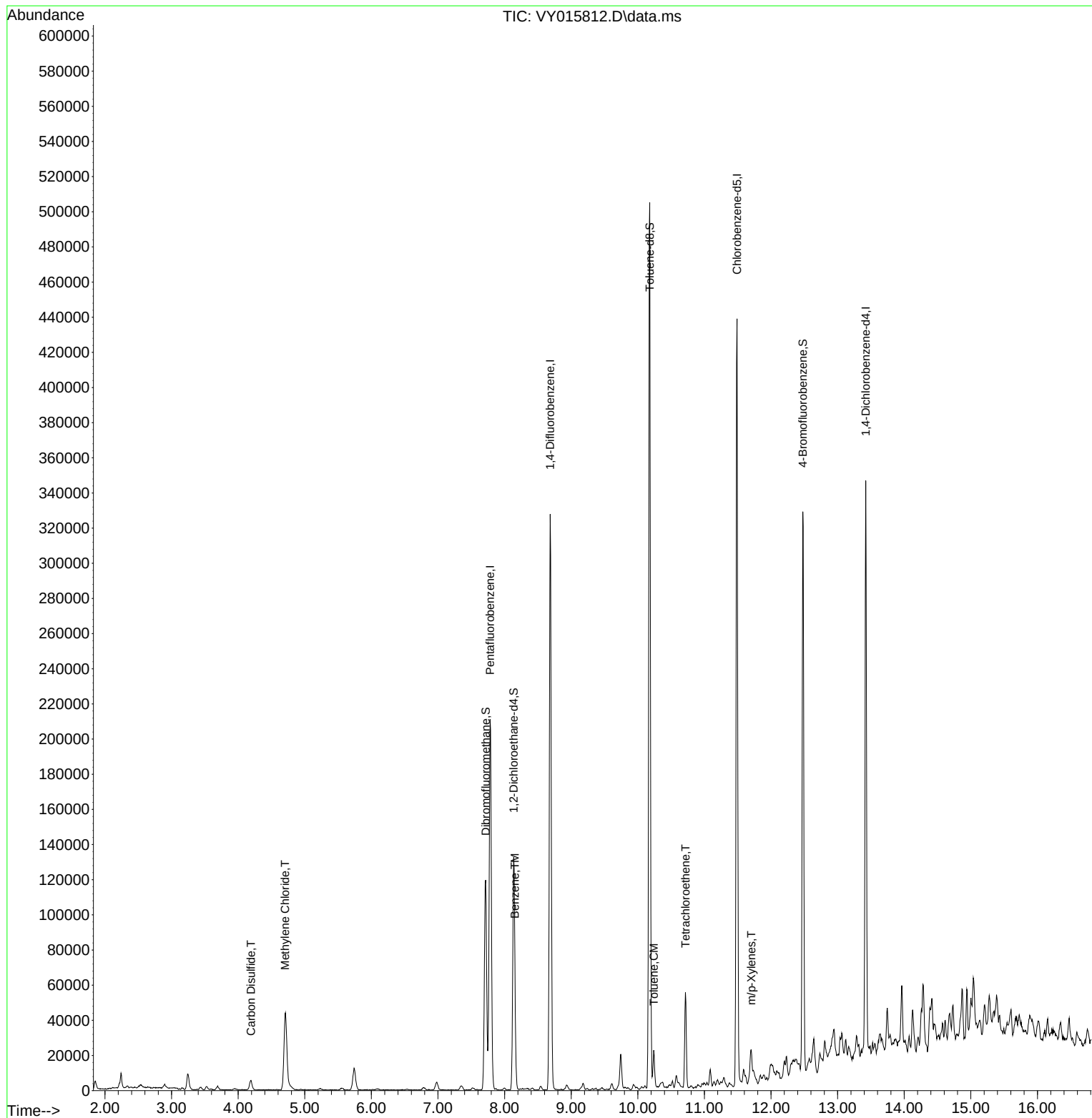
Internal Standards						
1) Pentafluorobenzene	7.783	168	165452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	236582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99119	54.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.900%	
35) Dibromofluoromethane	7.716	113	85712	50.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.660%	
50) Toluene-d8	10.179	98	331608	57.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.000%	
62) 4-Bromofluorobenzene	12.477	95	92834	41.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.740%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.192	76	11465	4.054	ug/l	97
20) Methylene Chloride	4.704	84	33059	11.797	ug/l	89
40) Benzene	8.155	78	9158	1.204	ug/l	95
52) Toluene	10.240	92	8217	1.676	ug/l	95
64) Tetrachloroethene	10.715	164	10952	5.396	ug/l	91
68) m/p-Xylenes	11.703	106	6135	1.788	ug/l	87

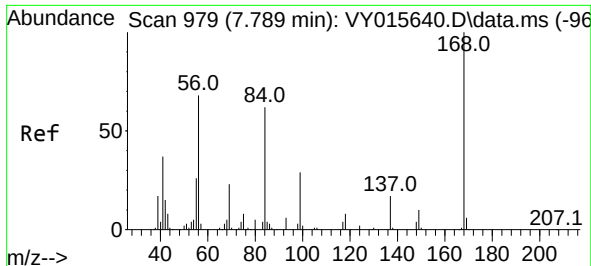
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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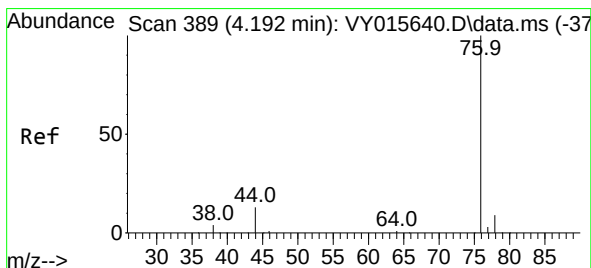
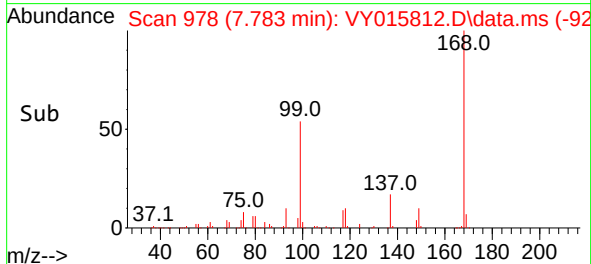
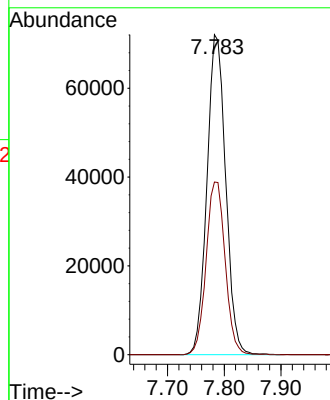
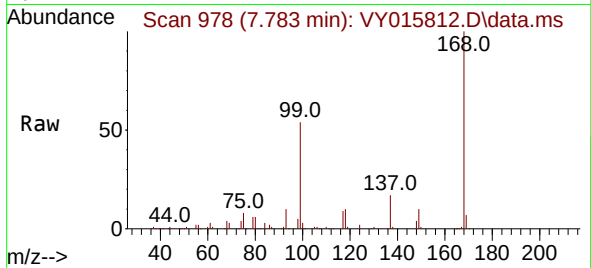




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

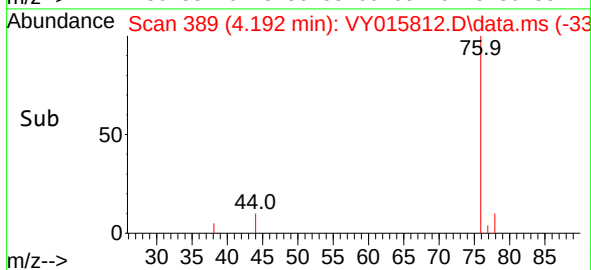
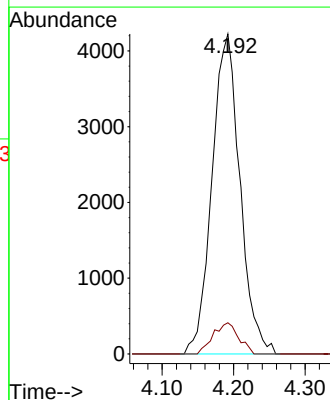
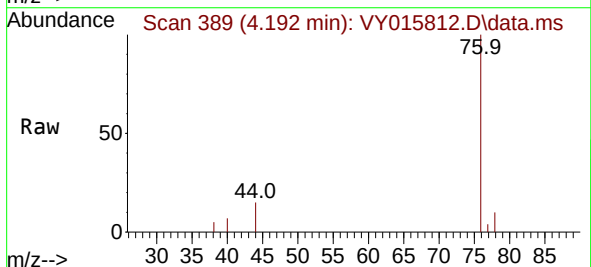
Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-001

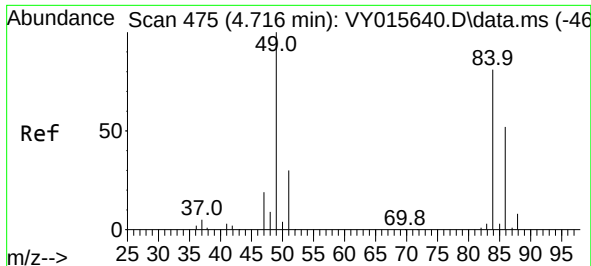
Tgt Ion:168 Resp: 165452
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#17
Carbon Disulfide
Concen: 4.054 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

Tgt Ion: 76 Resp: 11465
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



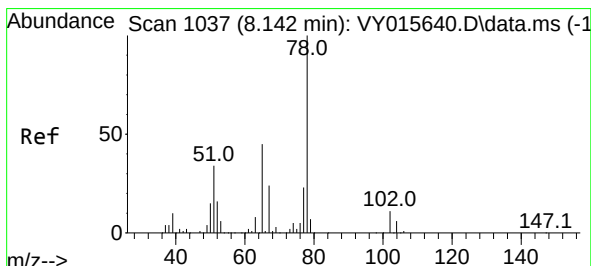
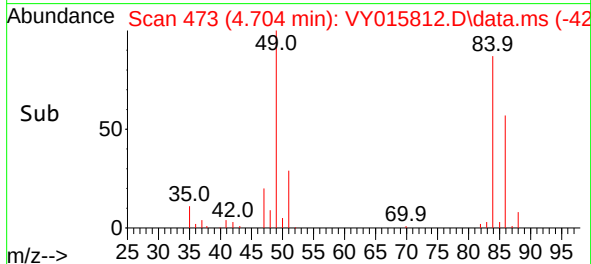
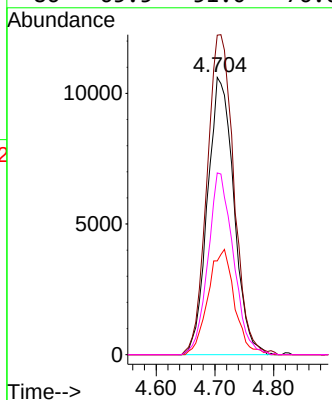
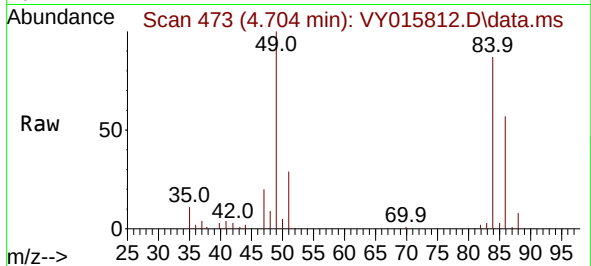


#20
Methylene Chloride
Concen: 11.797 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-001

Tgt Ion: 84 Resp: 33059

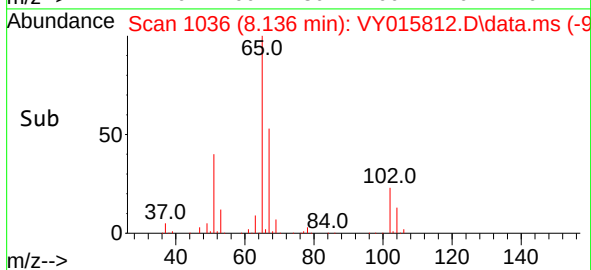
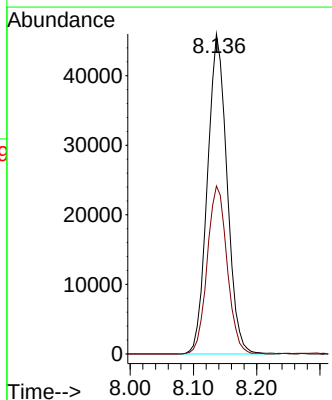
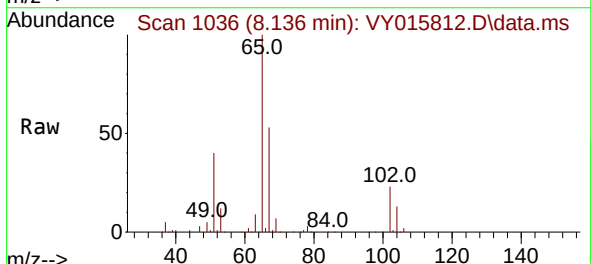
Ion	Ratio	Lower	Upper
84	100		
49	115.2	106.9	160.3
51	33.8	33.2	49.8
86	65.5	51.0	76.6

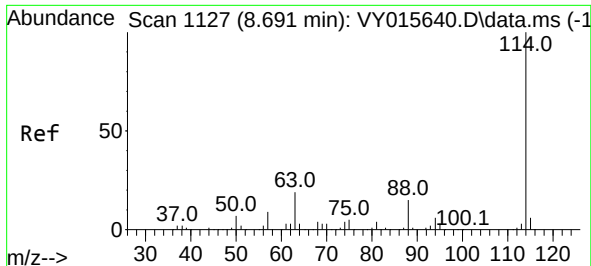


#33
1,2-Dichloroethane-d4
Concen: 54.448 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

Tgt Ion: 65 Resp: 99119

Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VY015812.D

Acq: 03 Oct 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

E9066-OB-001

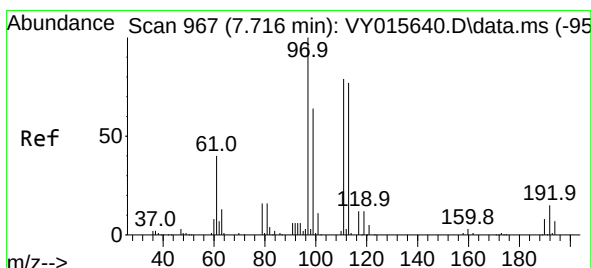
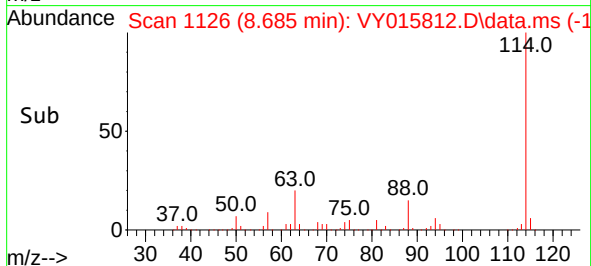
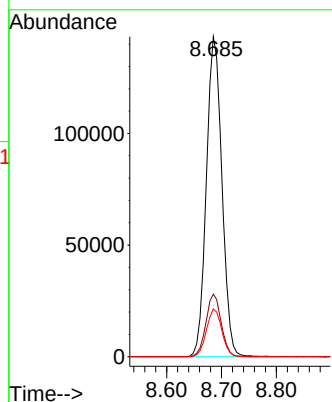
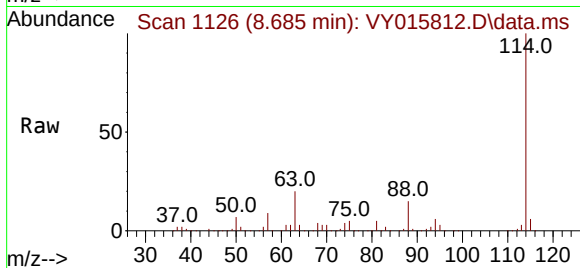
Tgt Ion:114 Resp: 281748

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.827 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015812.D

Acq: 03 Oct 2023 17:42

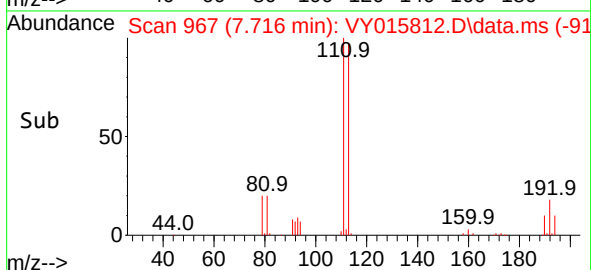
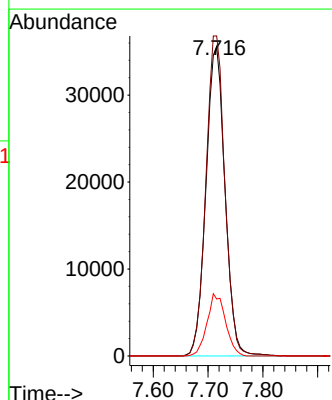
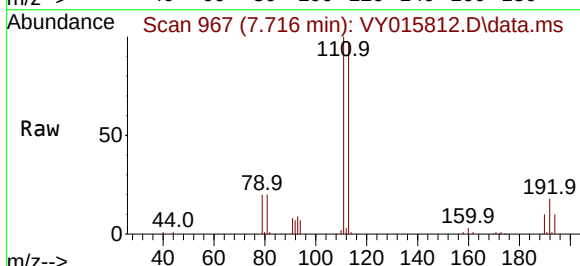
Tgt Ion:113 Resp: 85712

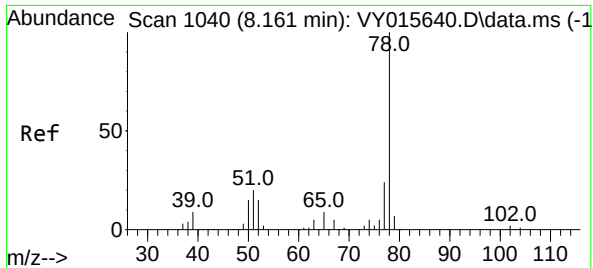
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.5 16.9 25.3

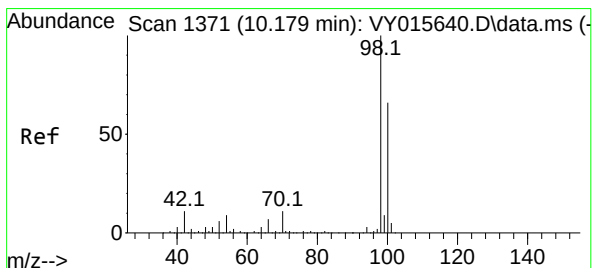
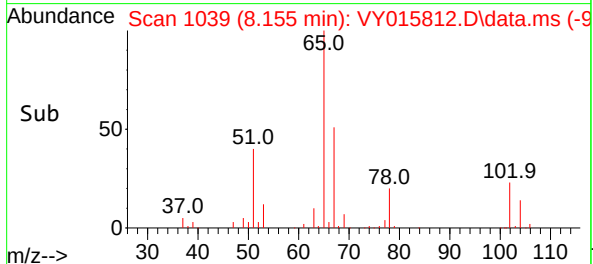
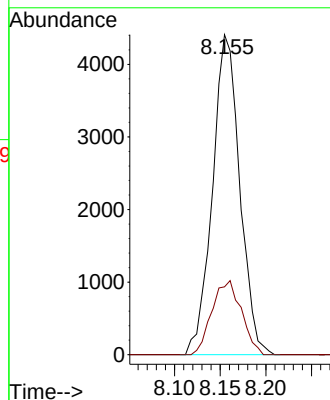
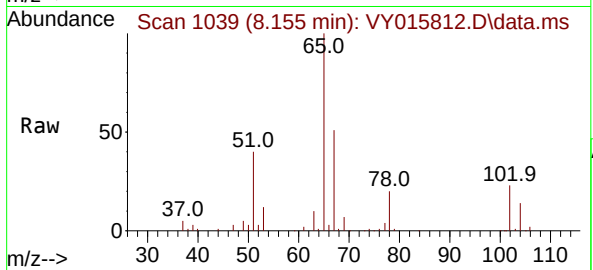




#40
Benzene
Concen: 1.204 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

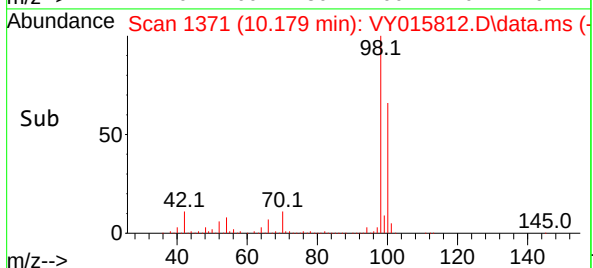
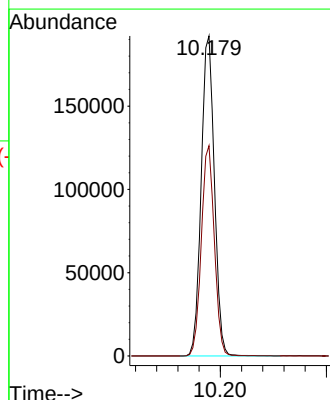
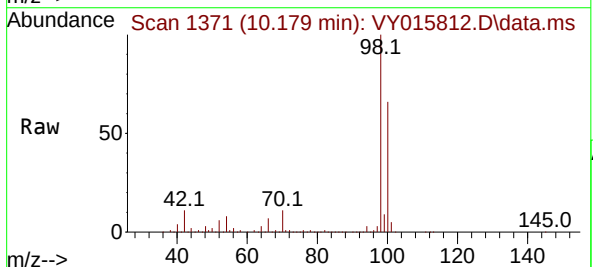
Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-001

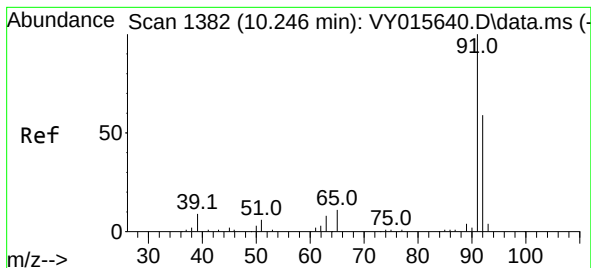
Tgt Ion: 78 Resp: 9158
Ion Ratio Lower Upper
78 100
77 21.2 19.0 28.6



#50
Toluene-d8
Concen: 57.995 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

Tgt Ion: 98 Resp: 331608
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1





#52

Toluene

Concen: 1.676 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY015812.D

Acq: 03 Oct 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

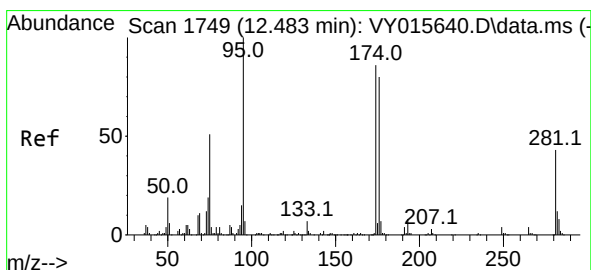
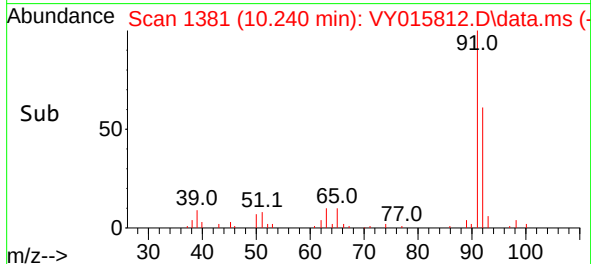
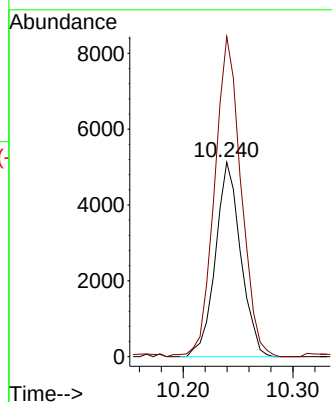
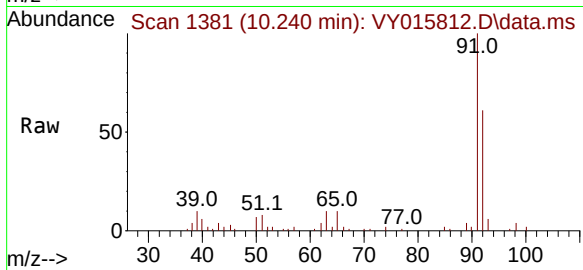
E9066-OB-001

Tgt Ion: 92 Resp: 8217

Ion Ratio Lower Upper

92 100

91 172.5 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 41.372 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015812.D

Acq: 03 Oct 2023 17:42

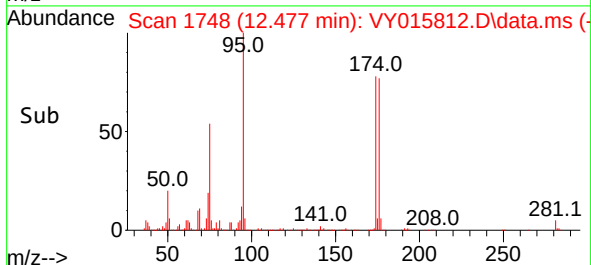
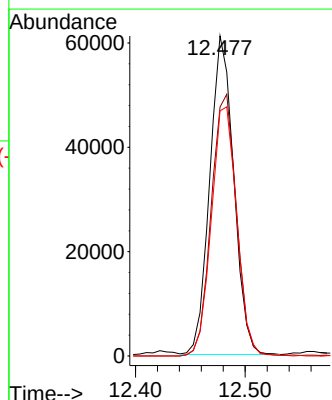
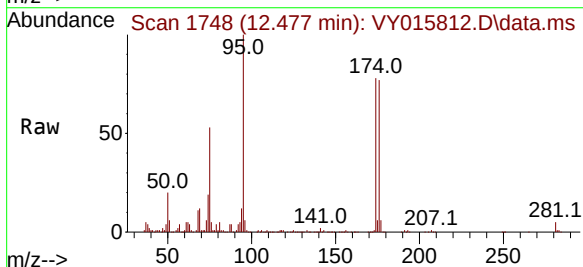
Tgt Ion: 95 Resp: 92834

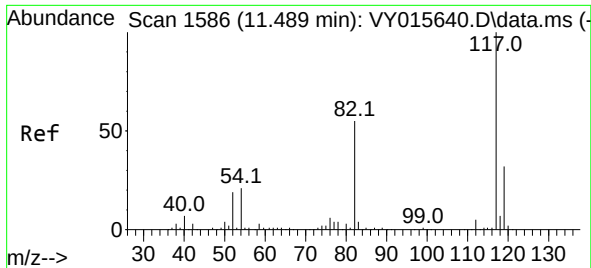
Ion Ratio Lower Upper

95 100

174 86.5 0.0 178.2

176 83.2 0.0 173.8

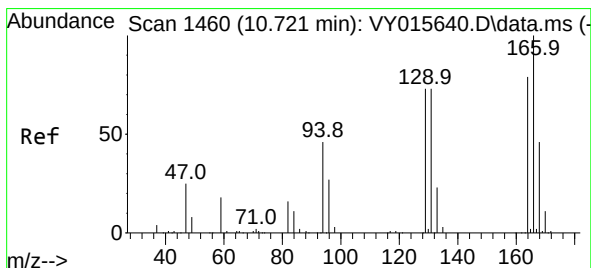
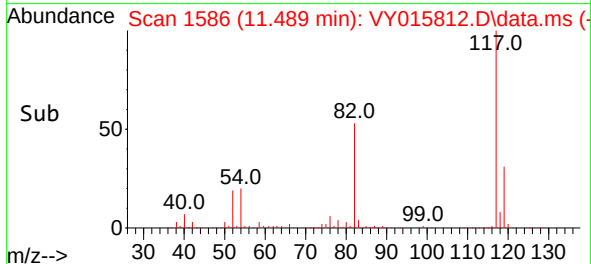
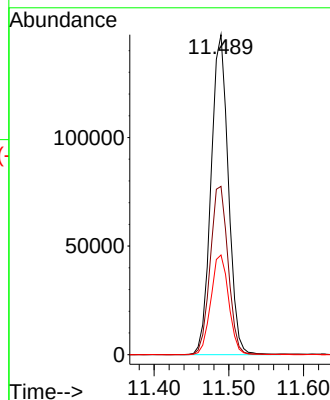
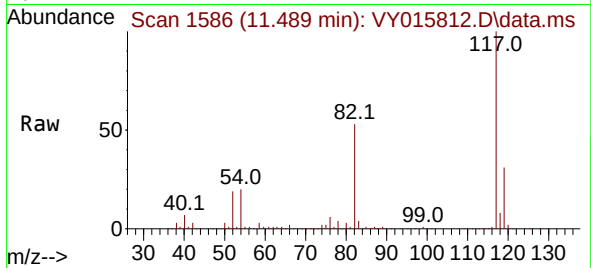




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

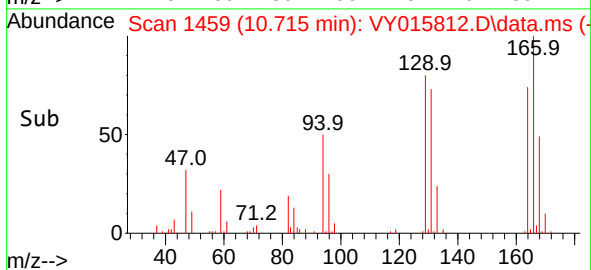
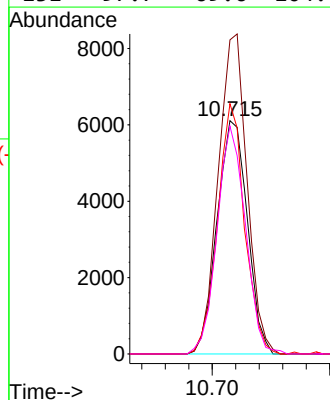
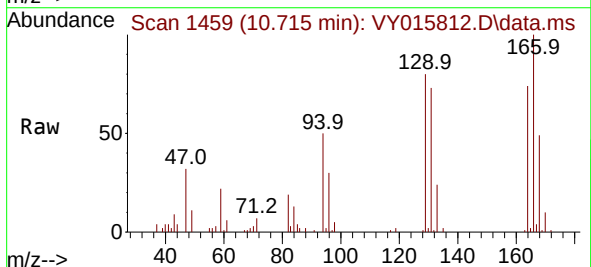
Instrument :
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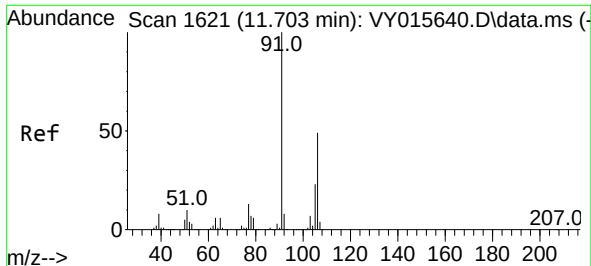
Tgt Ion:117 Resp: 236582
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 31.2 26.3 39.5



#64
Tetrachloroethene
Concen: 5.396 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

Tgt Ion:164 Resp: 10952
Ion Ratio Lower Upper
164 100
166 134.7 103.0 154.6
129 107.3 77.2 115.8
131 97.7 69.6 104.4

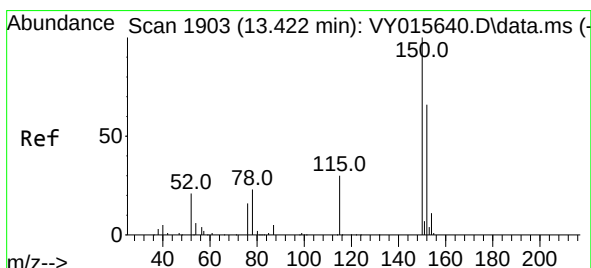
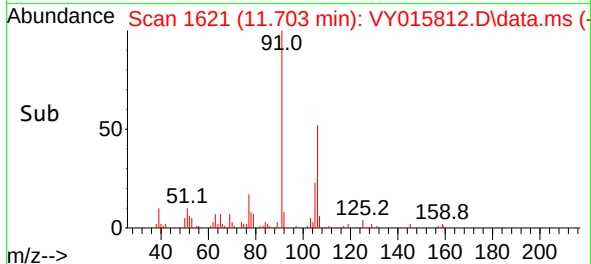
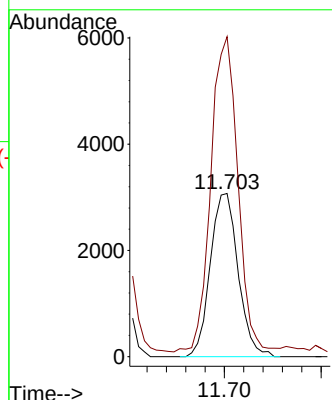
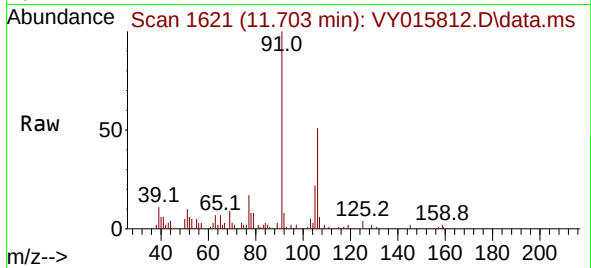




#68
m/p-Xylenes
Concen: 1.788 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :
E9066-OB-001

Tgt Ion:106 Resp: 6135
Ion Ratio Lower Upper
106 100
91 187.0 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015812.D
Acq: 03 Oct 2023 17:42

Tgt Ion:152 Resp: 82802
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 158.8 0.0 348.8

