

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016044.D
 Acq On : 19 Oct 2023 17:56
 Operator : SY/MD
 Sample : 04938-16
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-8(2-6)

Quant Time: Oct 20 05:39:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

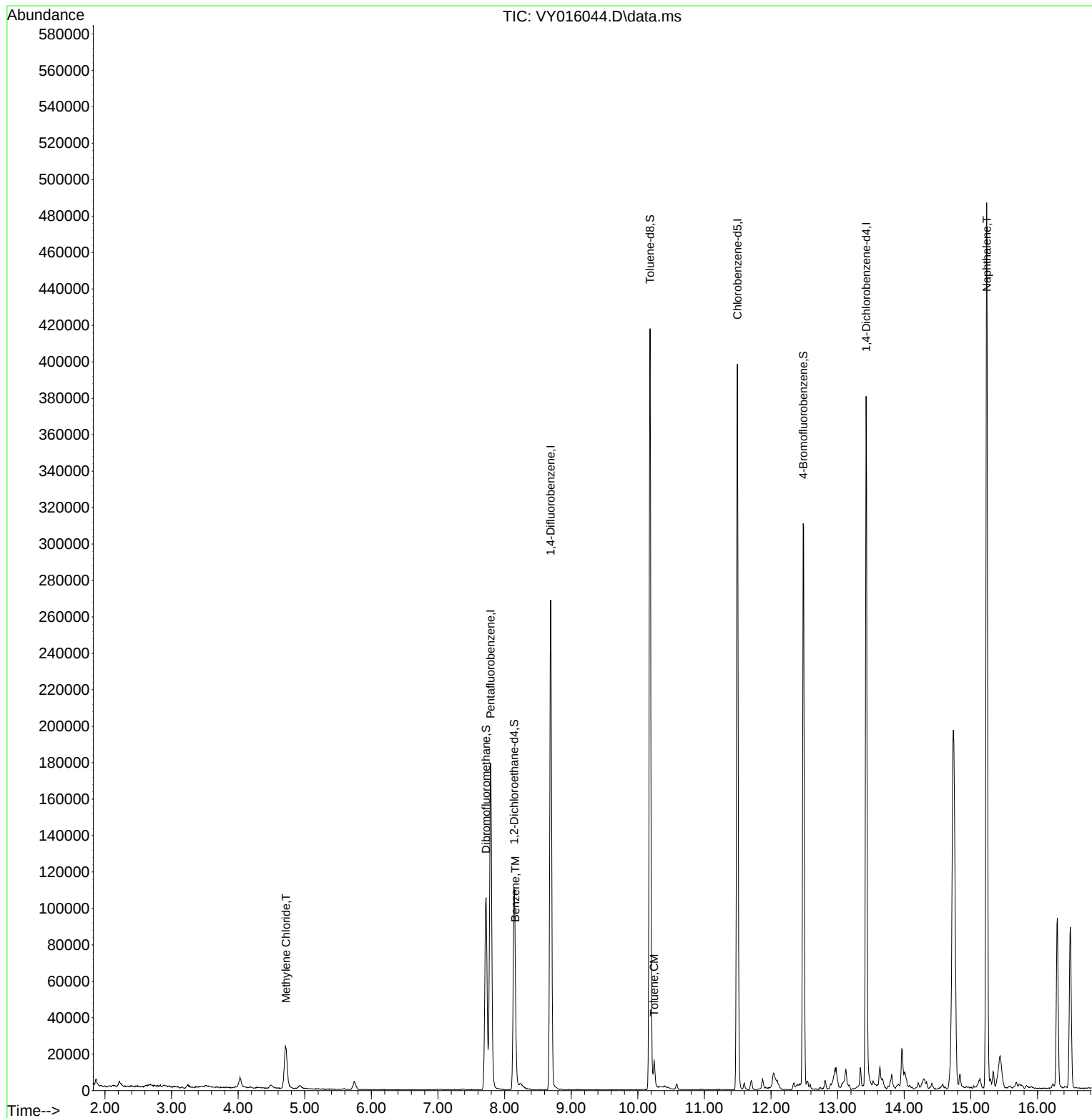
Internal Standards						
1) Pentafluorobenzene	7.789	168	141876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86005	53.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.680%	
35) Dibromofluoromethane	7.722	113	77581	49.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.060%	
50) Toluene-d8	10.185	98	283497	49.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.483	95	95446	46.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.080%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	18015	10.145	ug/l	88
40) Benzene	8.161	78	11069	1.650	ug/l	96
52) Toluene	10.246	92	4934	1.134	ug/l	100
95) Naphthalene	15.239	128	396525	79.358	ug/l	99

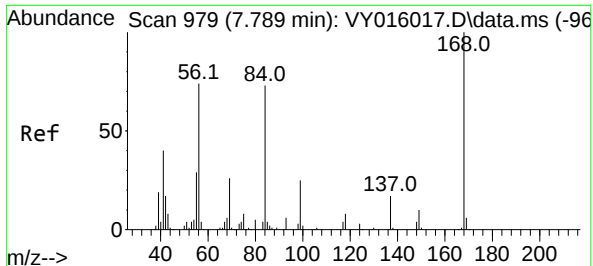
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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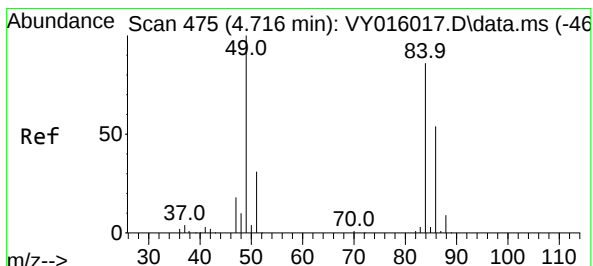
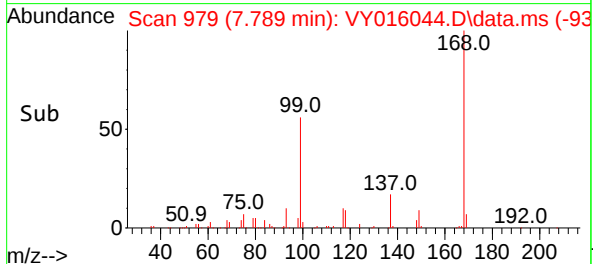
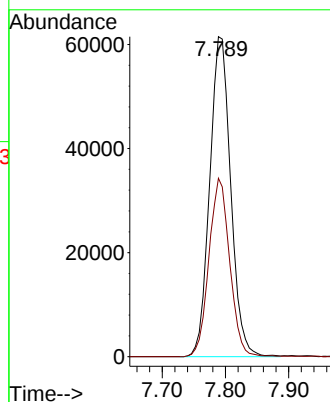
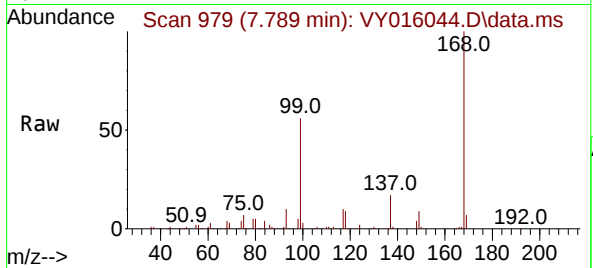




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

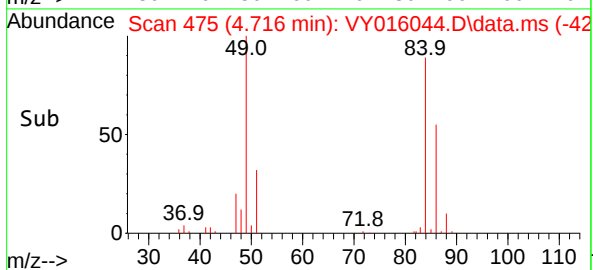
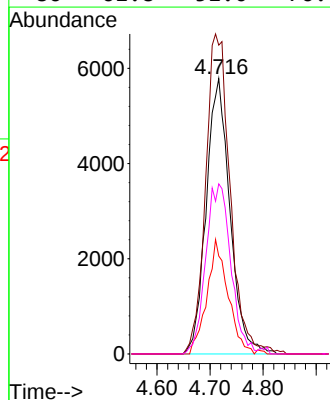
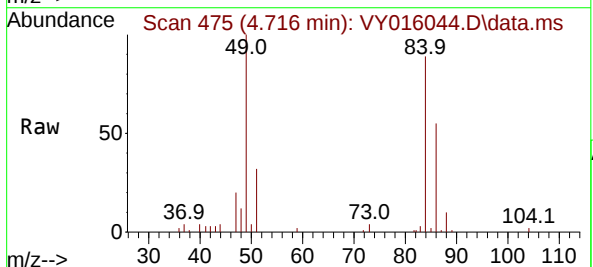
Instrument :
MSVOA_Y
ClientSampleId :
A-8(2-6)

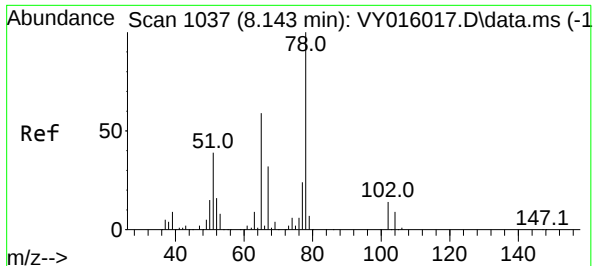
Tgt Ion:168 Resp: 141876
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#20
Methylene Chloride
Concen: 10.145 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

Tgt Ion: 84 Resp: 18015
Ion Ratio Lower Upper
84 100
49 112.2 106.9 160.3
51 35.6 33.2 49.8
86 61.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.336 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016044.D

Acq: 19 Oct 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

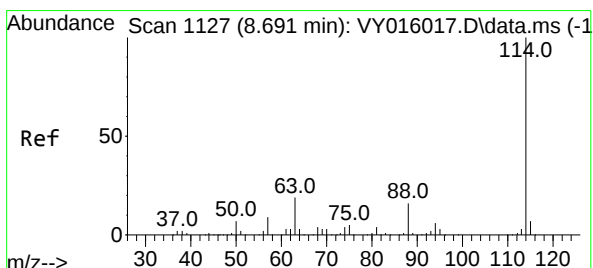
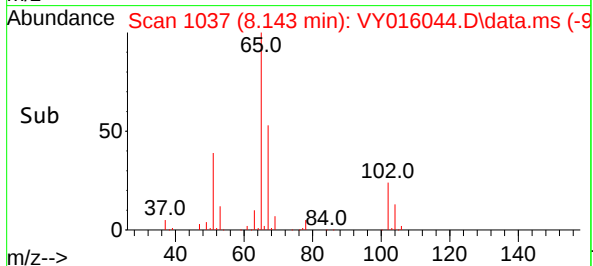
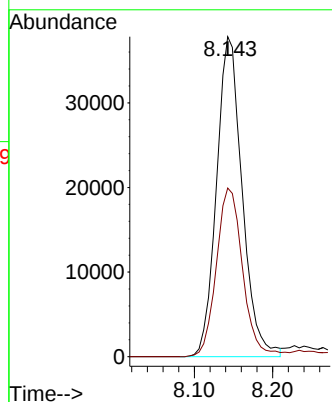
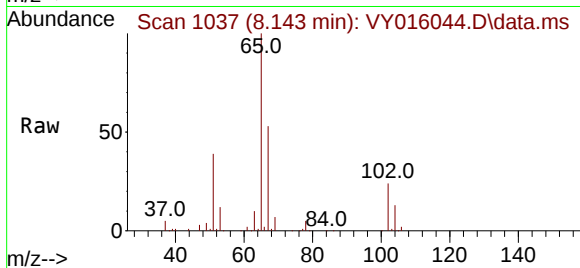
A-8(2-6)

Tgt Ion: 65 Resp: 86005

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016044.D

Acq: 19 Oct 2023 17:56

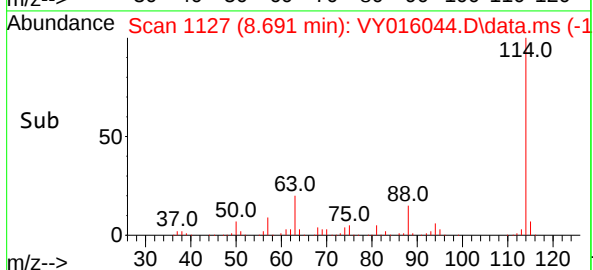
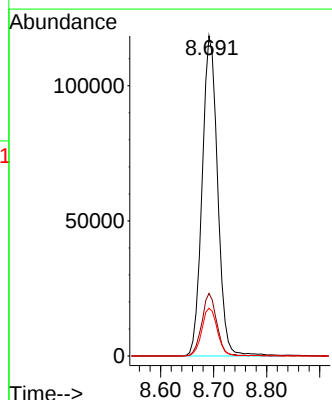
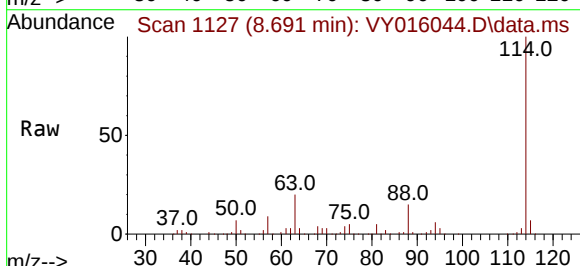
Tgt Ion: 114 Resp: 240413

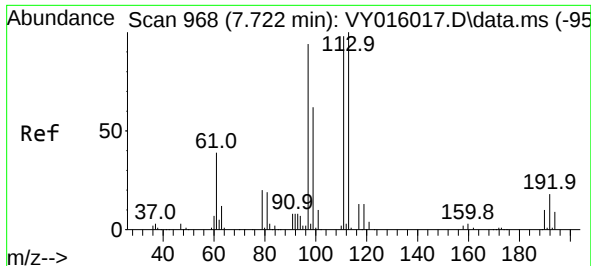
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.9 0.0 30.6

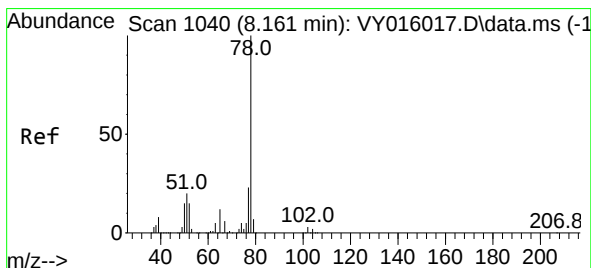
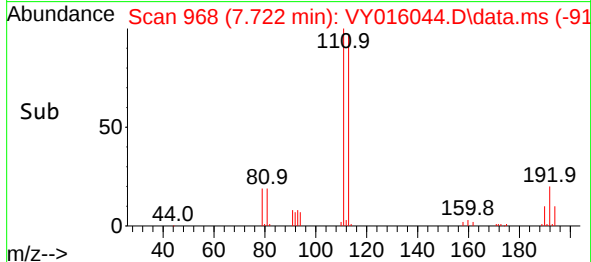
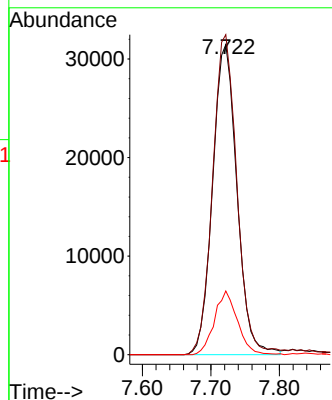
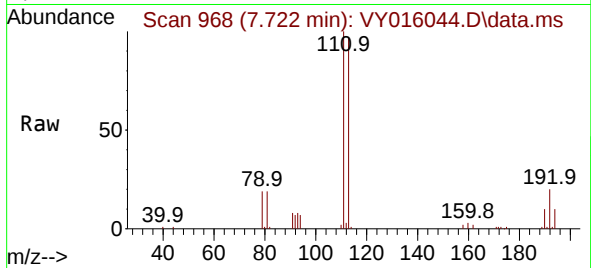




#35
Dibromofluoromethane
Concen: 49.027 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

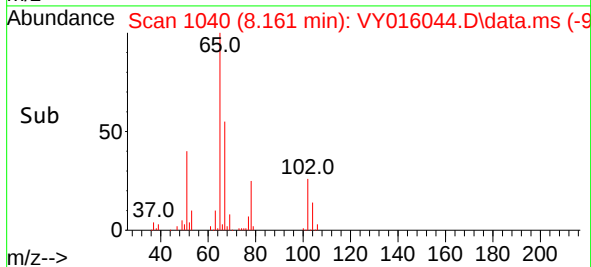
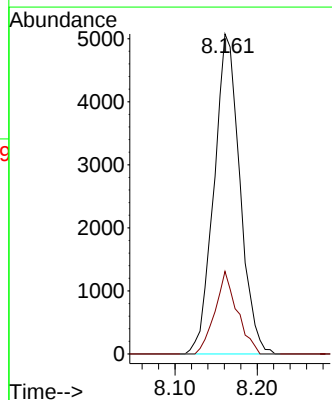
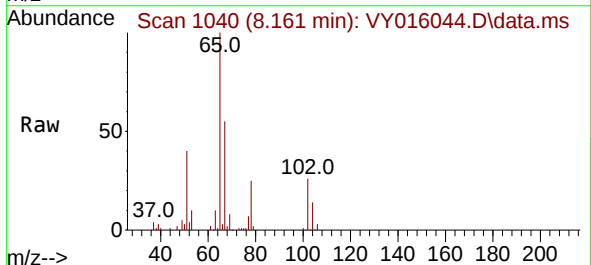
Instrument :
MSVOA_Y
ClientSampleId :
A-8(2-6)

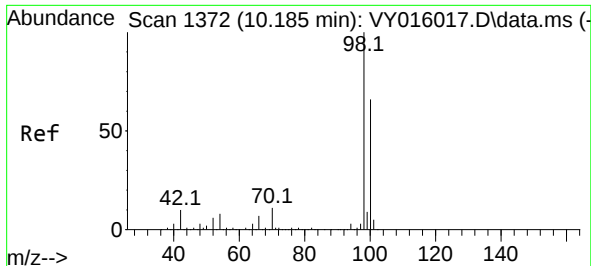
Tgt Ion:113 Resp: 77581
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.5 16.9 25.3



#40
Benzene
Concen: 1.650 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

Tgt Ion: 78 Resp: 11069
Ion Ratio Lower Upper
78 100
77 25.8 19.0 28.6

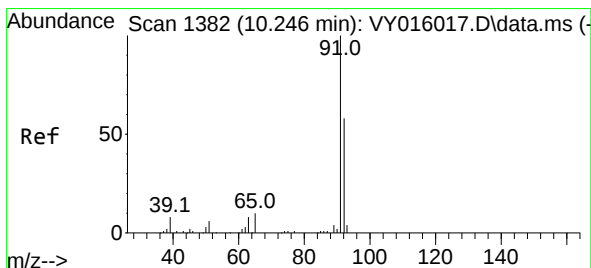
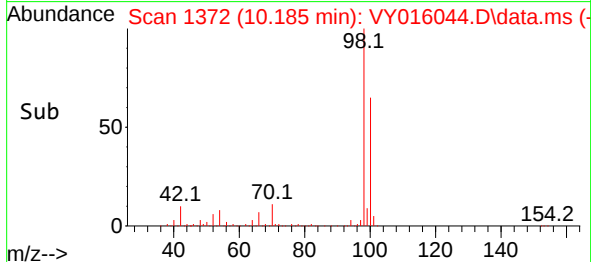
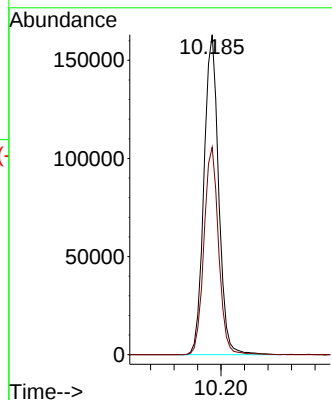
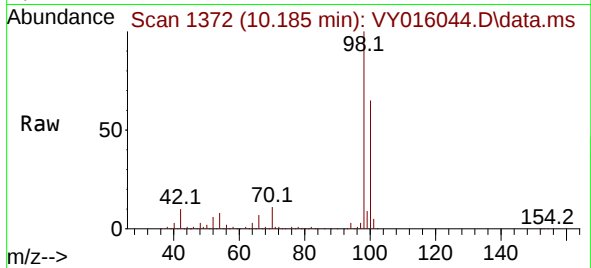




#50
Toluene-d8
Concen: 49.328 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

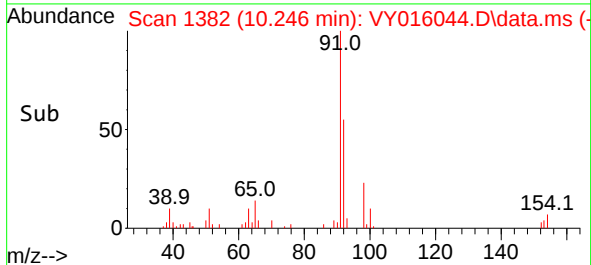
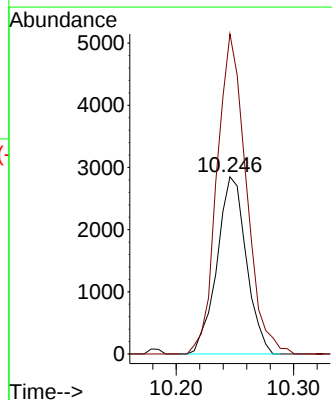
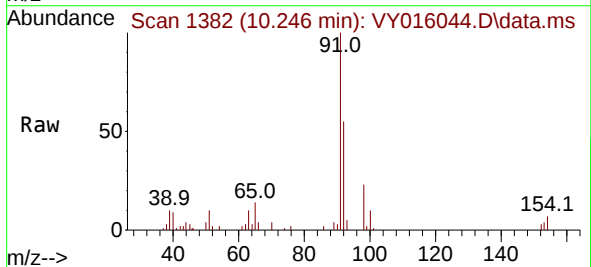
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ClientSampleId :
A-8(2-6)

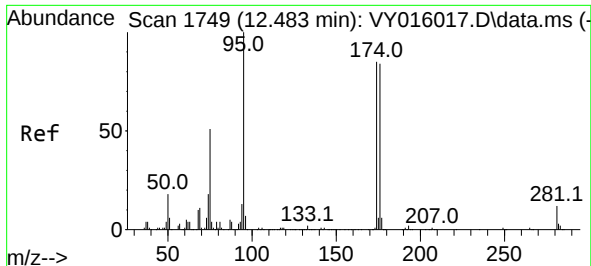
Tgt Ion: 98 Resp: 283497
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#52
Toluene
Concen: 1.134 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

Tgt Ion: 92 Resp: 4934
Ion Ratio Lower Upper
92 100
91 180.3 143.8 215.6

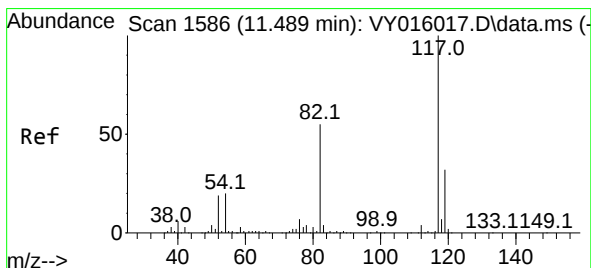
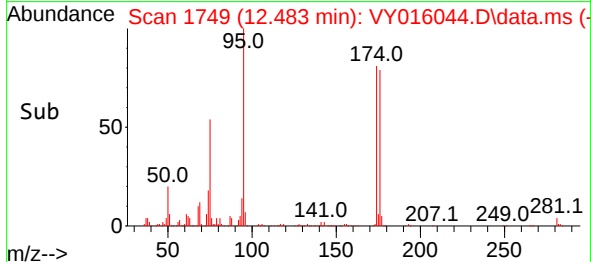
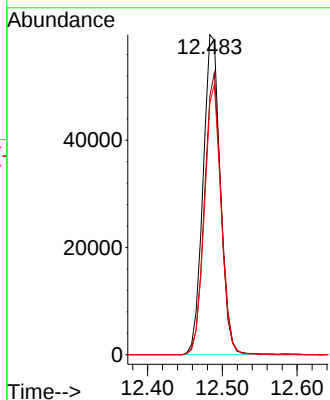
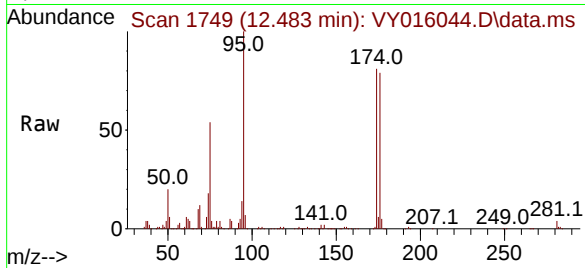




#62
4-Bromofluorobenzene
Concen: 46.544 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

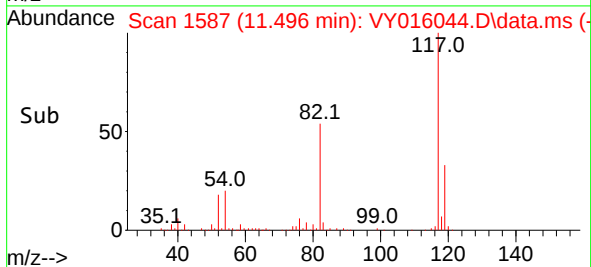
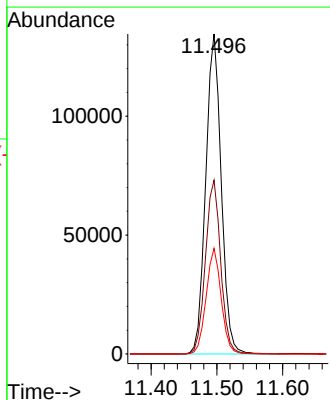
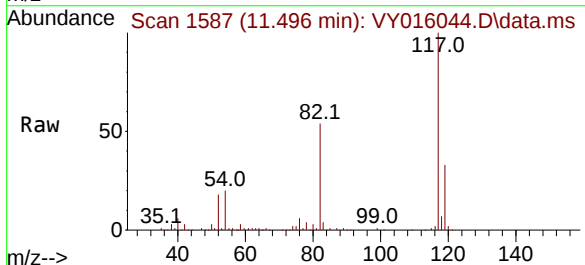
Instrument :
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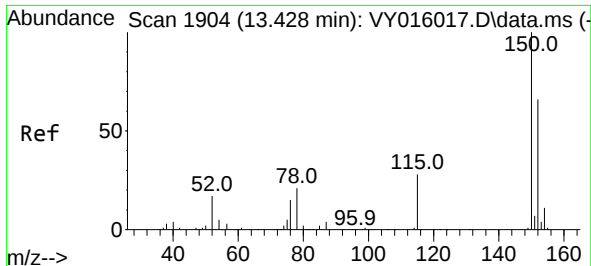
Tgt Ion:	95	Resp:	95446
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	178.2
176	81.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

Tgt Ion:	117	Resp:	220710
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.4	65.0
119	33.0	26.3	39.5

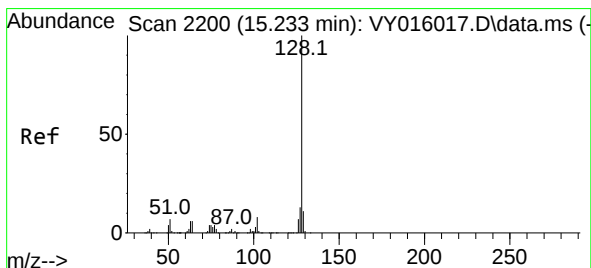
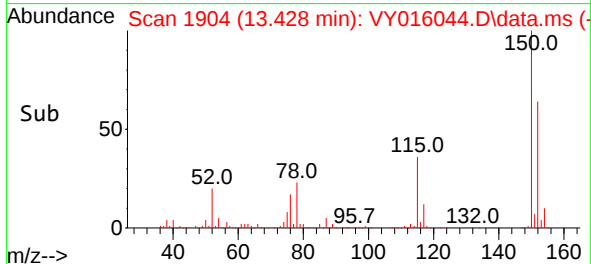
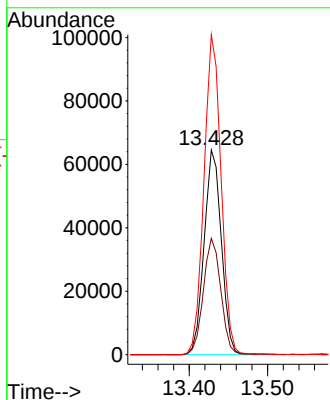
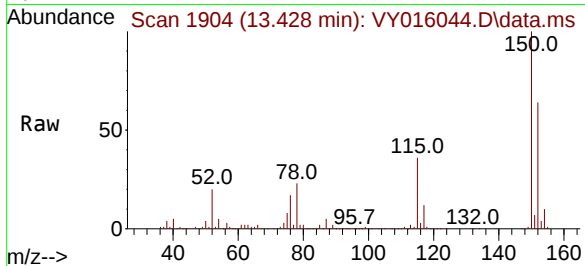




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

Instrument :
MSVOA_Y
ClientSampleId :
A-8(2-6)

Tgt Ion:152 Resp: 98526
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 155.3 0.0 348.8



#95
Naphthalene
Concen: 79.358 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016044.D
Acq: 19 Oct 2023 17:56

Tgt Ion:128 Resp: 396525
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.0 8.6 13.0

