

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015254.D
 Acq On : 22 Aug 2023 19:00
 Operator : SY/MD
 Sample : 04089-01
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-3-081823

Quant Time: Aug 23 02:46:19 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)

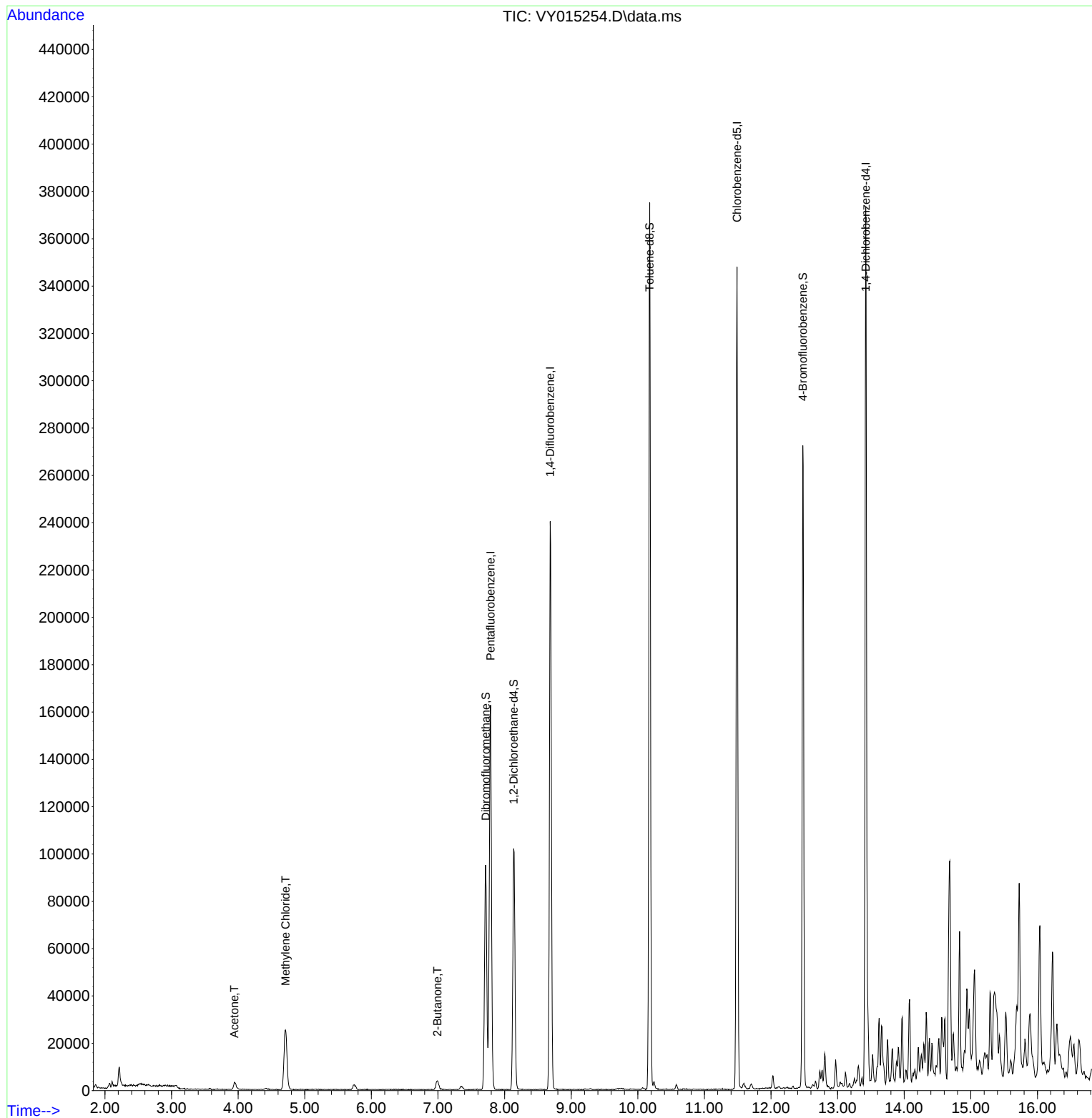
Internal Standards						
1) Pentafluorobenzene	7.789	168	126001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	204524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81136	53.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.280%	
35) Dibromofluoromethane	7.716	113	66086	50.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.460%	
50) Toluene-d8	10.179	98	242201	49.448	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.477	95	80121	44.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.580%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	5486	11.103	ug/l	96
20) Methylene Chloride	4.710	84	19728	13.498	ug/l	94
25) 2-Butanone	6.990	43	6594	9.425	ug/l	93

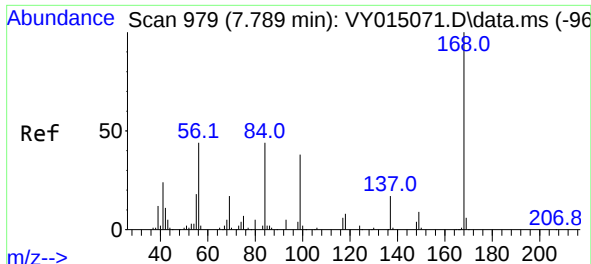
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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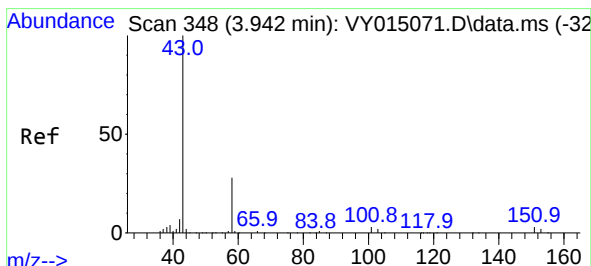
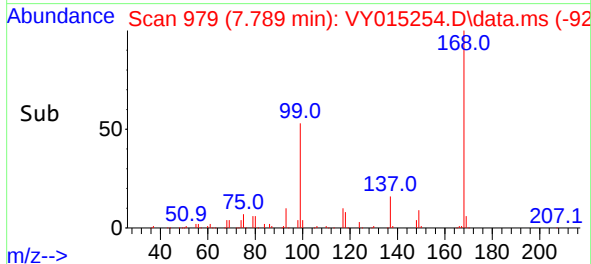
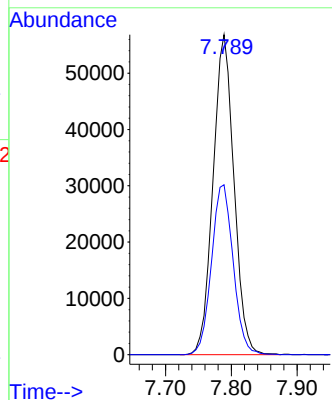
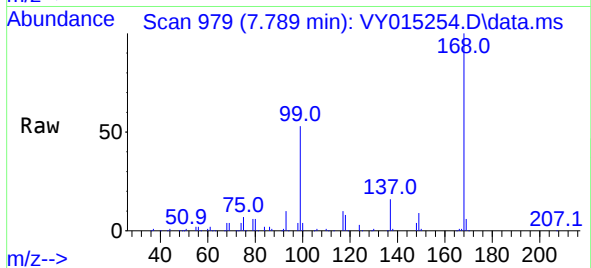




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

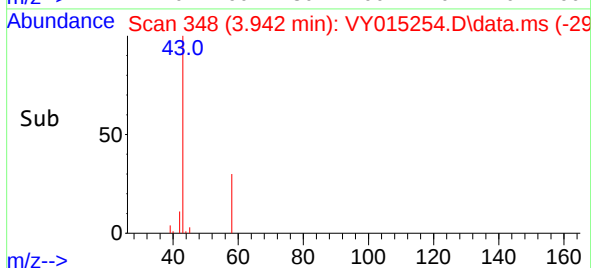
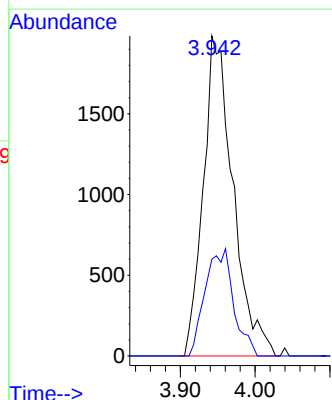
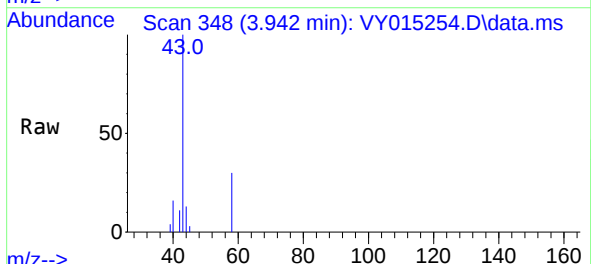
Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

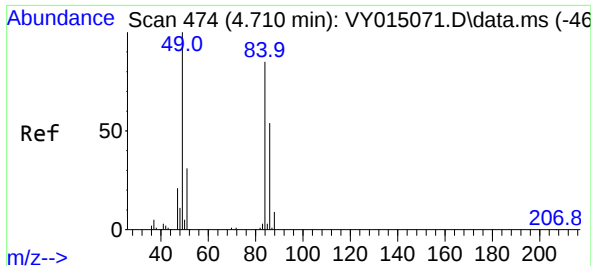
Tgt Ion:168 Resp: 126001
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#16
Acetone
Concen: 11.103 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

Tgt Ion: 43 Resp: 5486
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1



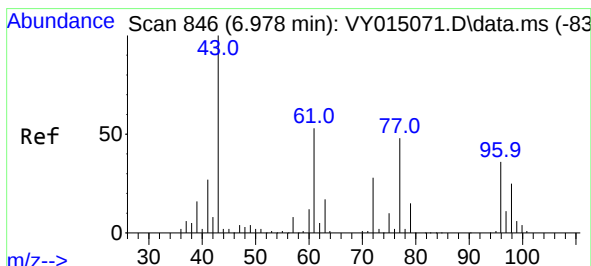
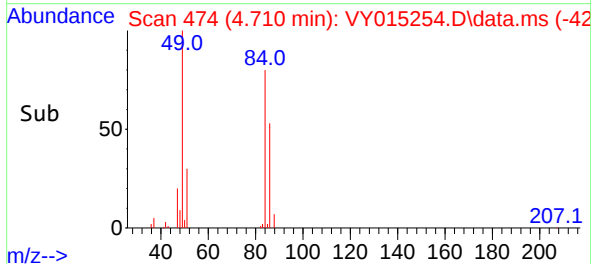
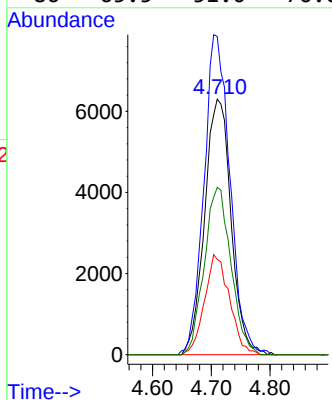
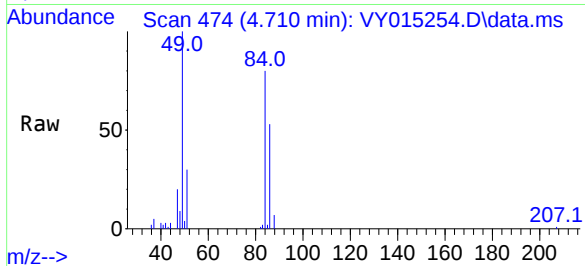


#20
Methylene Chloride
Concen: 13.498 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

Tgt Ion: 84 Resp: 19728

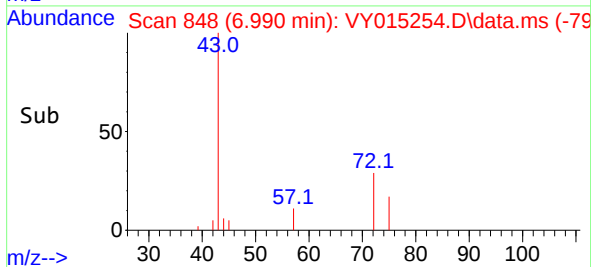
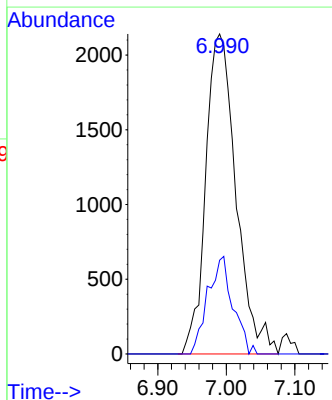
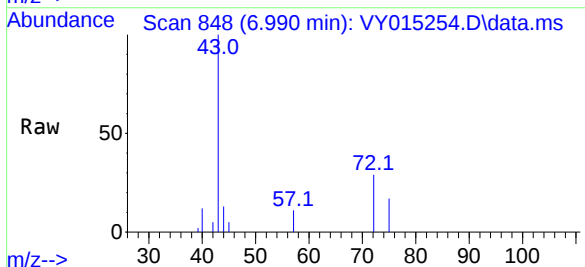
Ion	Ratio	Lower	Upper
84	100		
49	124.6	106.9	160.3
51	37.2	33.2	49.8
86	65.5	51.0	76.6

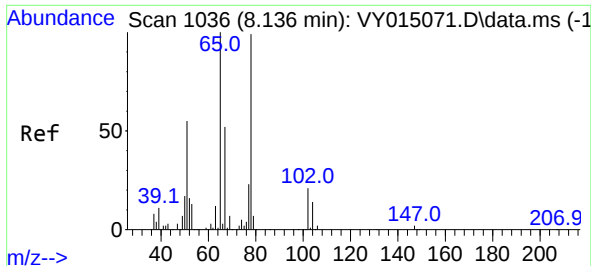


#25
2-Butanone
Concen: 9.425 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

Tgt Ion: 43 Resp: 6594

Ion	Ratio	Lower	Upper
43	100		
72	29.3	20.5	30.7

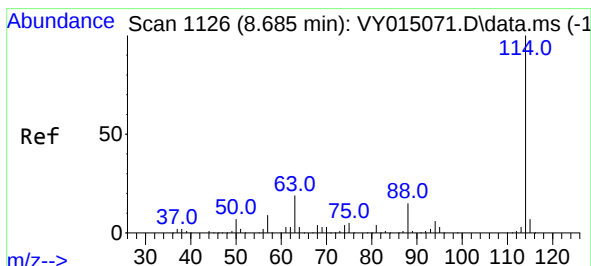
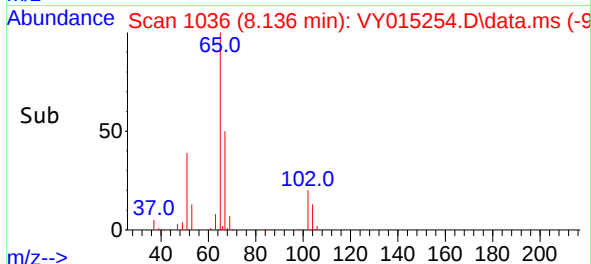
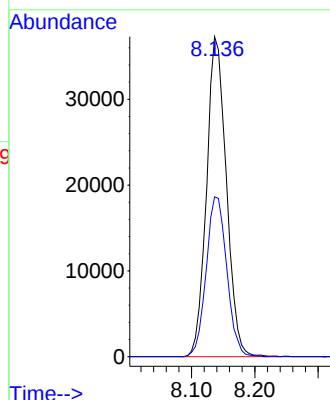
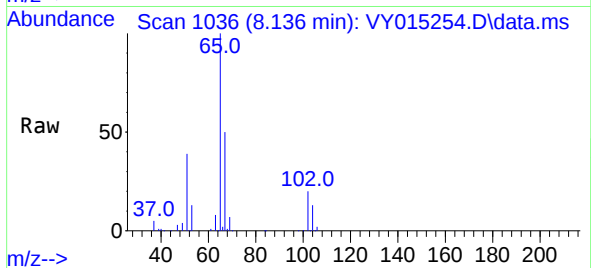




#33
1,2-Dichloroethane-d4
Concen: 53.643 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

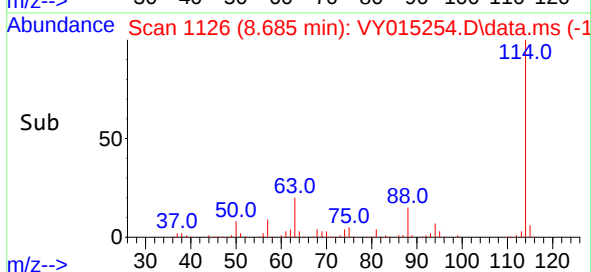
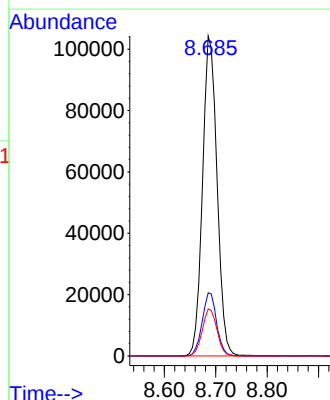
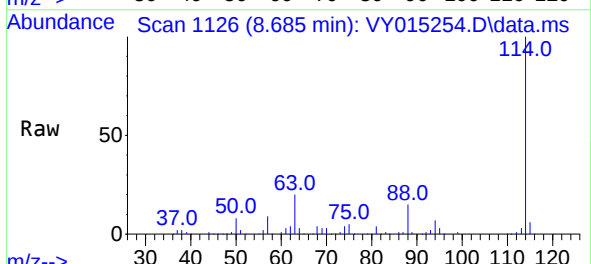
Instrument :
MSVOA_Y
ClientSampleId :
BU-3-081823

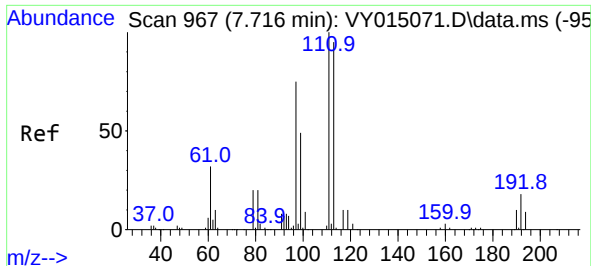
Tgt Ion: 65 Resp: 81136
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

Tgt Ion: 114 Resp: 204524
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 14.7 0.0 30.6

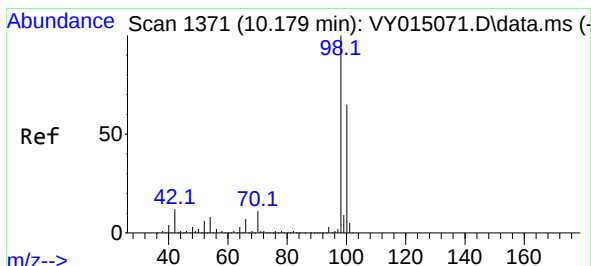
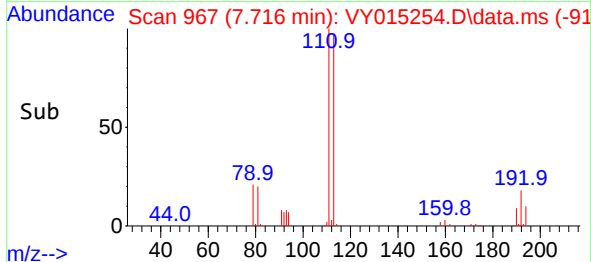
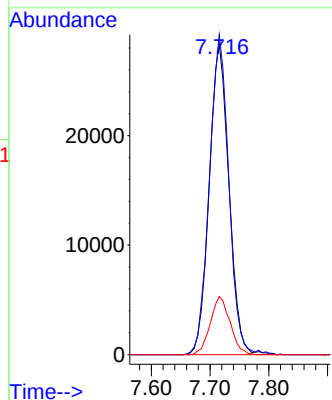
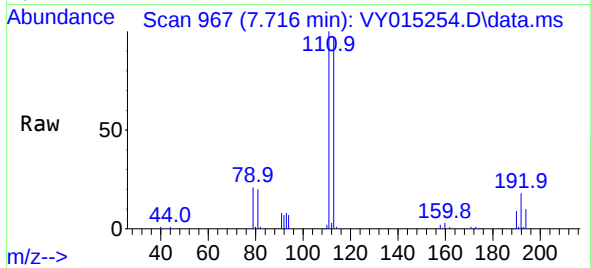




#35
Dibromofluoromethane
Concen: 50.226 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

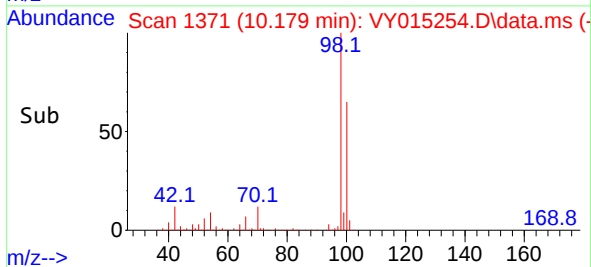
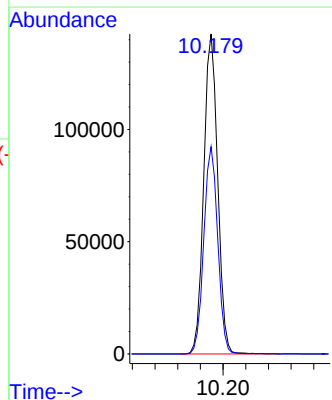
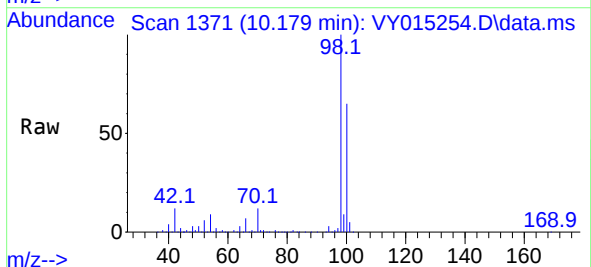
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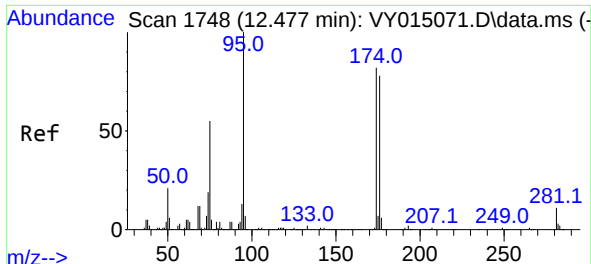
Tgt Ion:113 Resp: 66086
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 49.448 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

Tgt Ion: 98 Resp: 242201
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

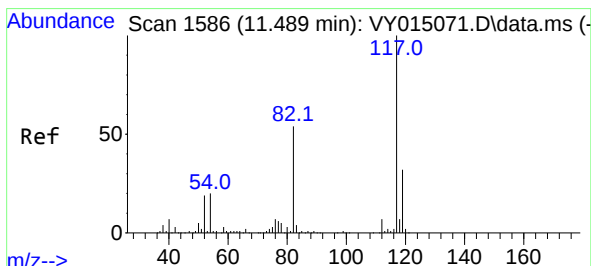
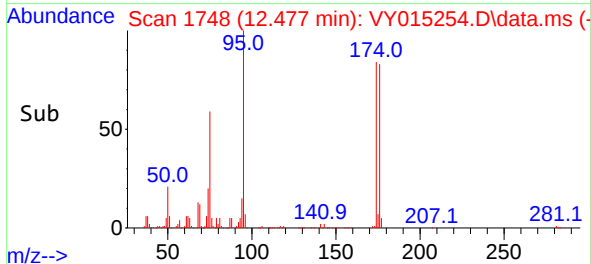
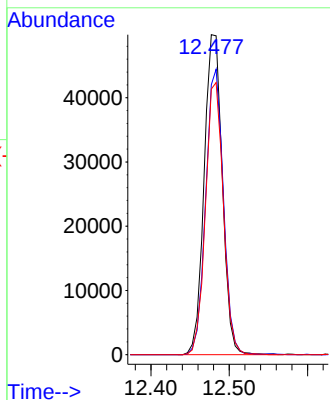
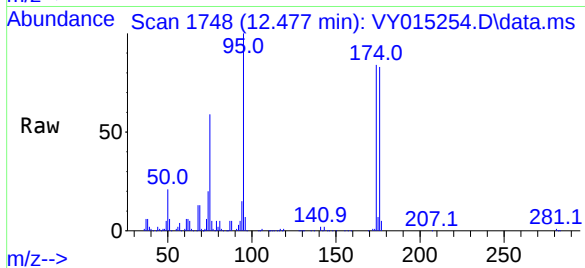




#62
4-Bromofluorobenzene
Concen: 44.785 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

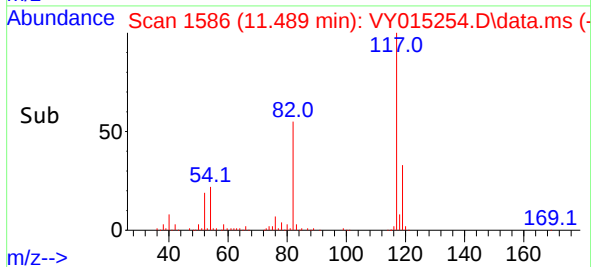
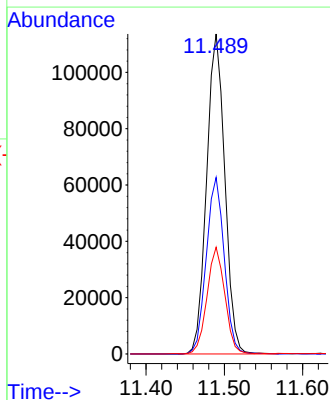
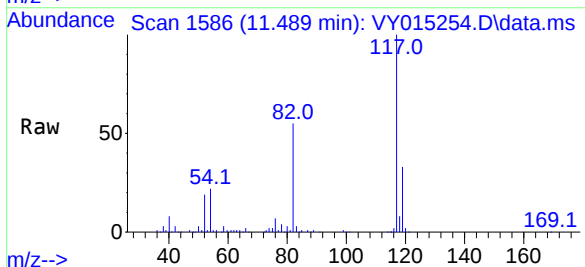
Instrument :
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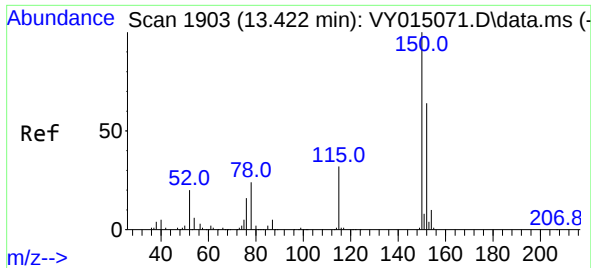
Tgt Ion:	95	Resp:	80121
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	178.2
176	83.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015254.D
Acq: 22 Aug 2023 19:00

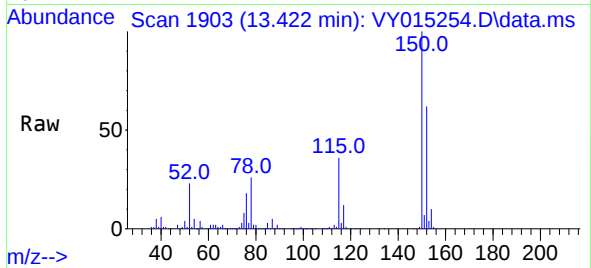
Tgt Ion:	117	Resp:	183299
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.4	65.0
119	33.3	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015254.D
 Acq: 22 Aug 2023 19:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-3-081823



Tgt Ion:	152	Resp:	91556
Ion	Ratio	Lower	Upper
152	100		
115	59.7	28.8	86.5
150	159.6	0.0	348.8

