

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014492.D
 Acq On : 29 Jun 2023 11:45
 Operator : KP/MD
 Sample : 03462-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-62823RE

Quant Time: Jun 30 04:08:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

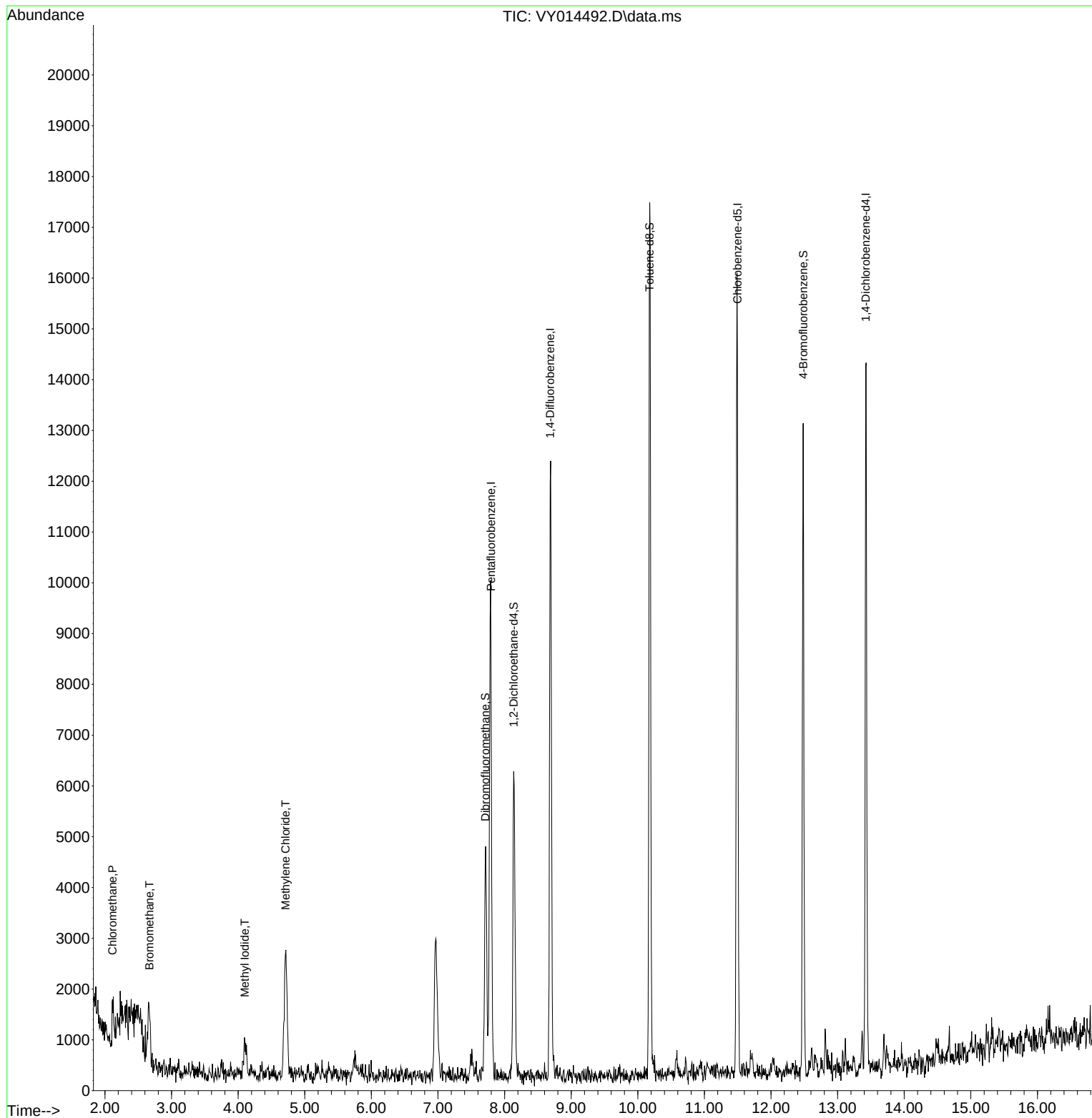
Internal Standards						
1) Pentafluorobenzene	7.795	168	7928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5266	53.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.000%
35) Dibromofluoromethane	7.710	113	3246	48.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.200%
50) Toluene-d8	10.179	98	12391	46.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.483	95	3660	38.213	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.420%
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	310	4.305	ug/l #	83
5) Bromomethane	2.668	94	676	9.802	ug/l #	72
10) Methyl Iodide	4.101	142	1241	14.958	ug/l #	91
20) Methylene Chloride	4.710	84	1959	18.387	ug/l #	63

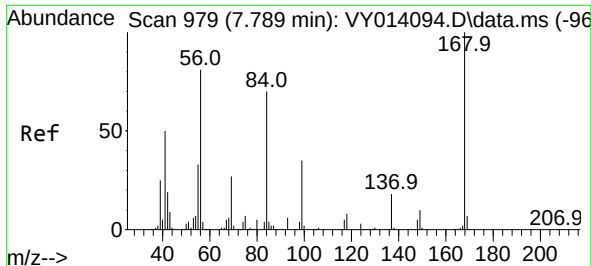
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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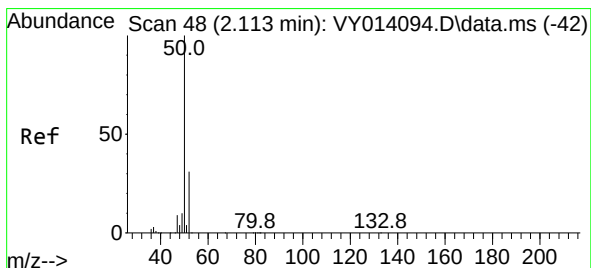
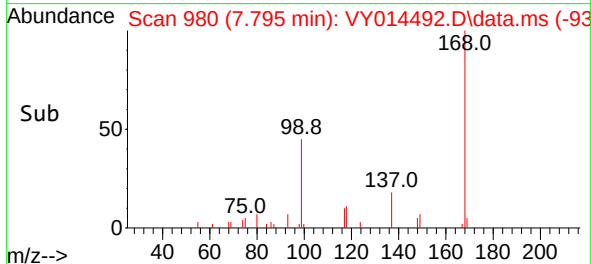
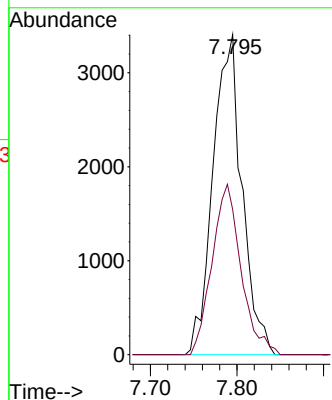
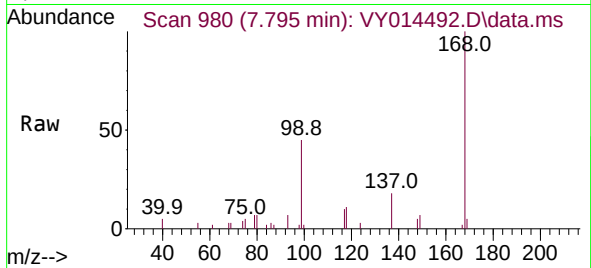




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

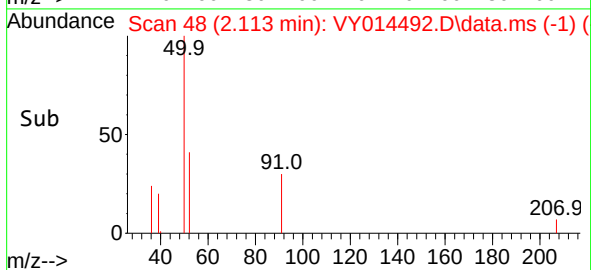
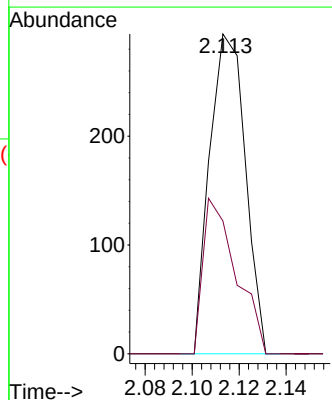
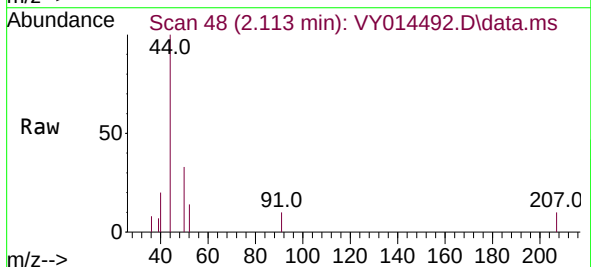
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823RE

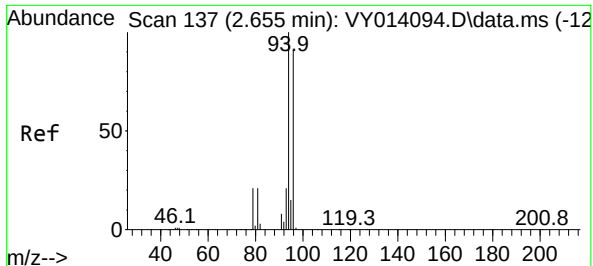
Tgt Ion:168 Resp: 7928
Ion Ratio Lower Upper
168 100
99 45.4 43.4 65.0



#3
Chloromethane
Concen: 4.305 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

Tgt Ion: 50 Resp: 310
Ion Ratio Lower Upper
50 100
52 41.5 25.4 38.2#

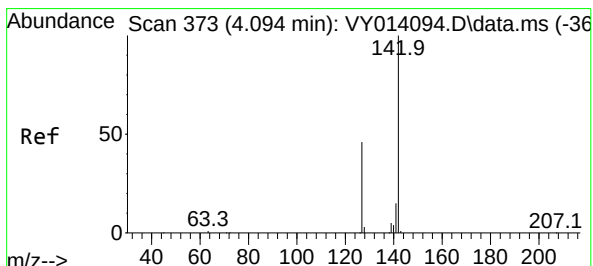
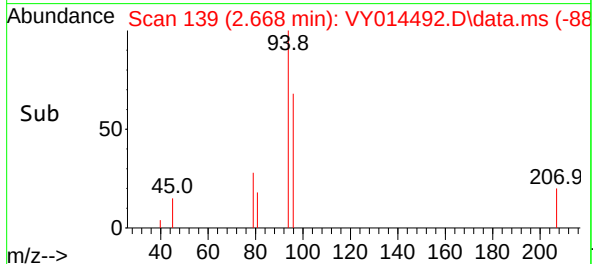
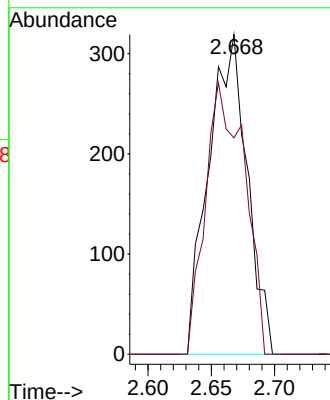
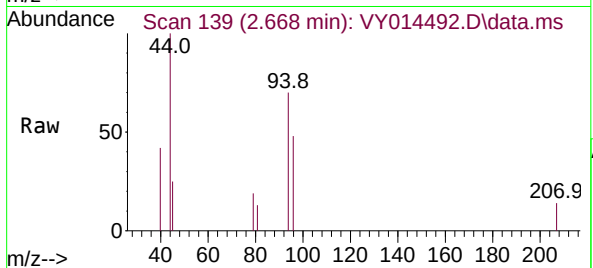




#5
Bromomethane
Concen: 9.802 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

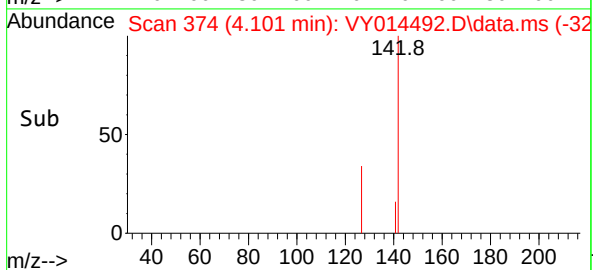
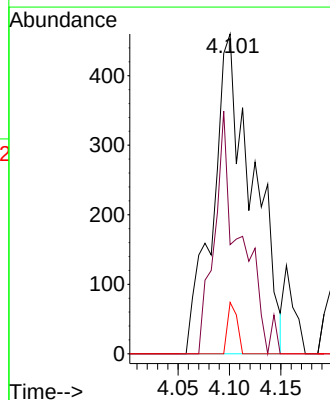
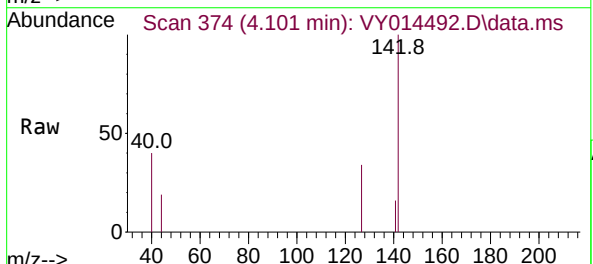
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823RE

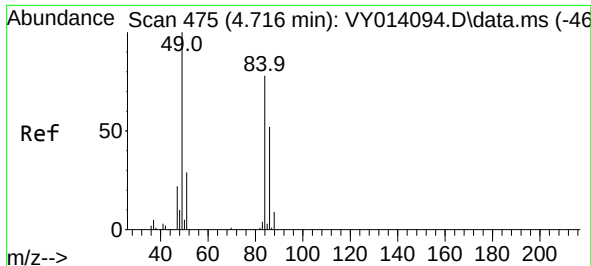
Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 67.7 75.8 113.6#



#10
Methyl Iodide
Concen: 14.958 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

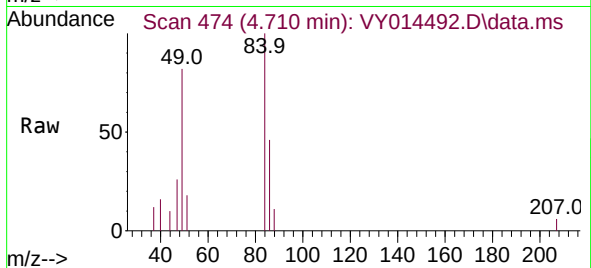
Tgt Ion:142 Resp: 1241
Ion Ratio Lower Upper
142 100
127 49.2 37.6 56.4
141 3.9 11.8 17.8#



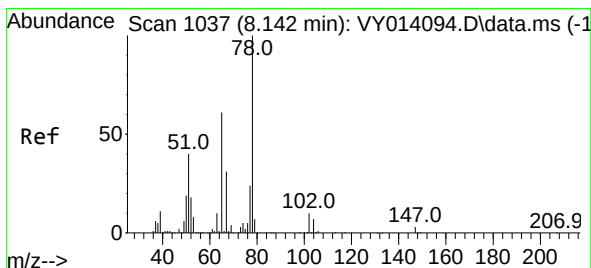
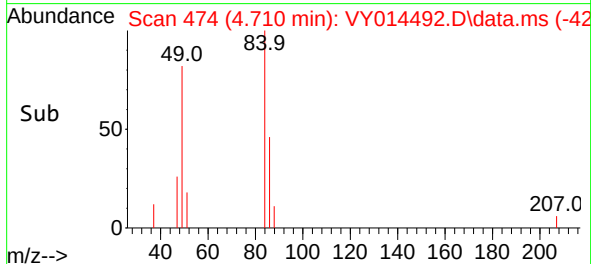
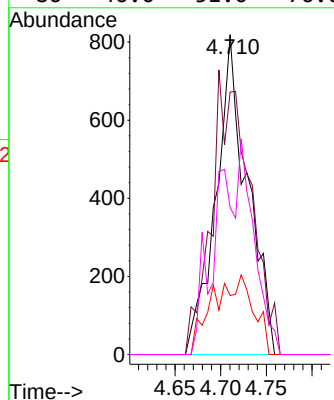


#20
Methylene Chloride
Concen: 18.387 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823RE

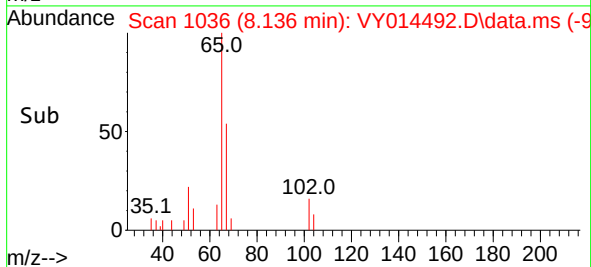
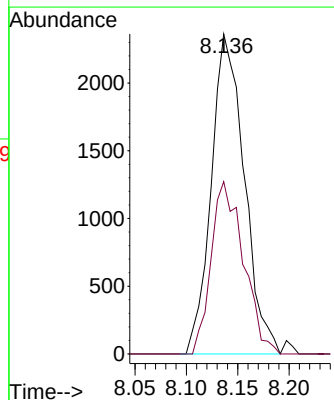
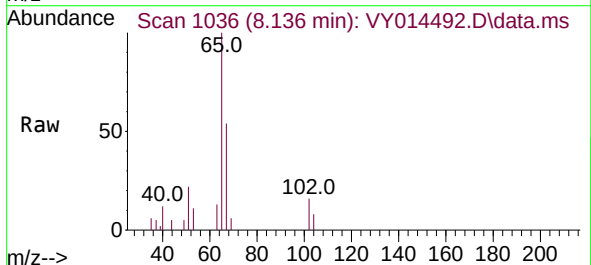


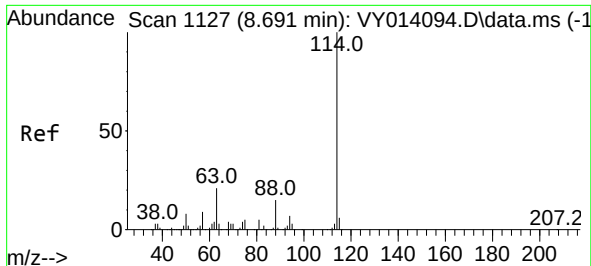
Tgt Ion:	84	Resp:	1959
Ion	Ratio	Lower	Upper
84	100		
49	82.1	106.9	160.3#
51	18.4	33.2	49.8#
86	46.0	51.0	76.6#



#33
1,2-Dichloroethane-d4
Concen: 53.498 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

Tgt Ion:	65	Resp:	5266
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY014492.D

Acq: 29 Jun 2023 11:45

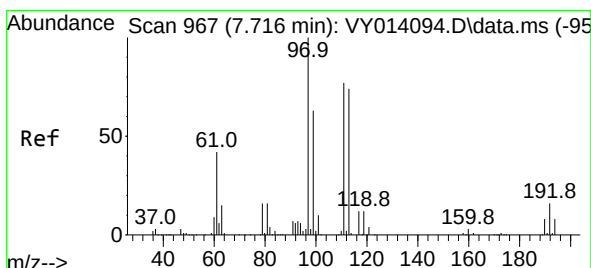
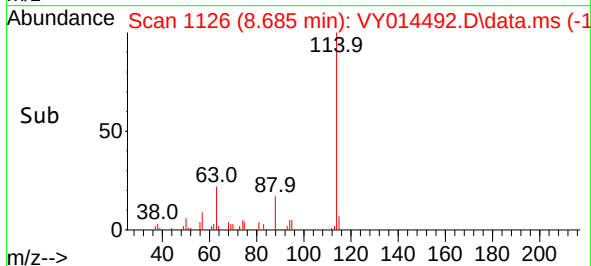
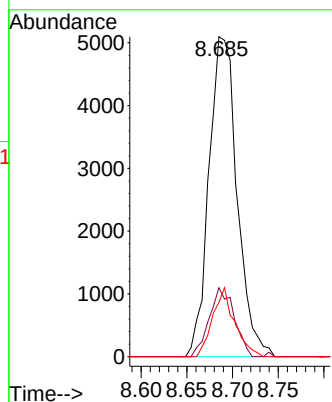
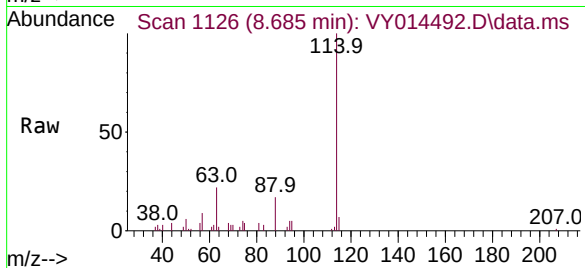
Instrument :

MSVOA_Y

ClientSampleId :

SU-02-62823RE

Tgt Ion:114	Resp:	10924
Ion Ratio	Lower	Upper
114	100	
63	21.5	0.0 42.4
88	16.9	0.0 30.6



#35

Dibromofluoromethane

Concen: 48.095 ug/l

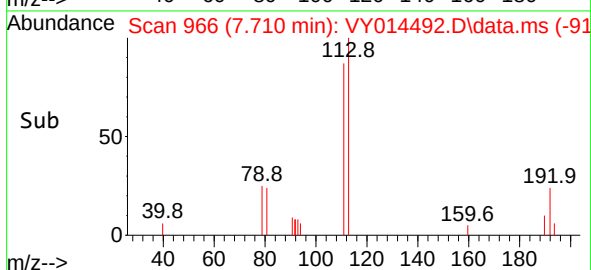
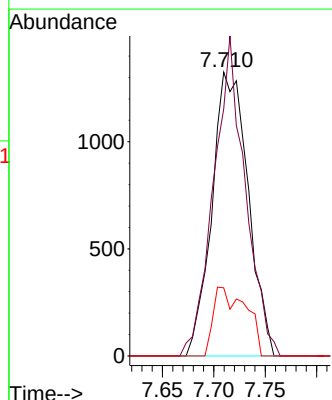
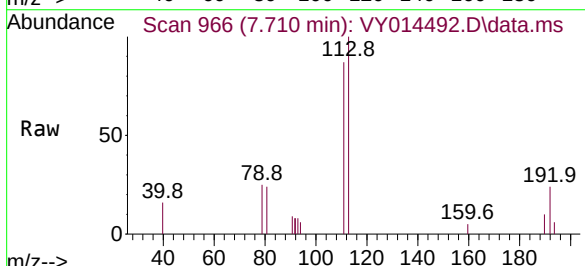
RT: 7.710 min Scan# 966

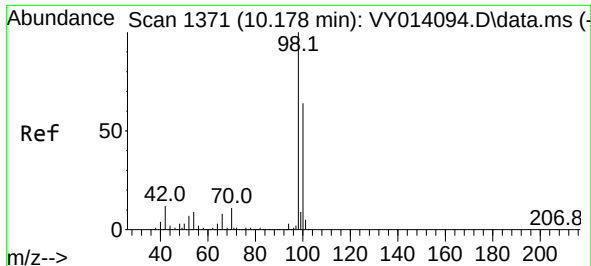
Delta R.T. -0.006 min

Lab File: VY014492.D

Acq: 29 Jun 2023 11:45

Tgt Ion:113	Resp:	3246
Ion Ratio	Lower	Upper
113	100	
111	98.0	81.3 121.9
192	21.6	16.9 25.3

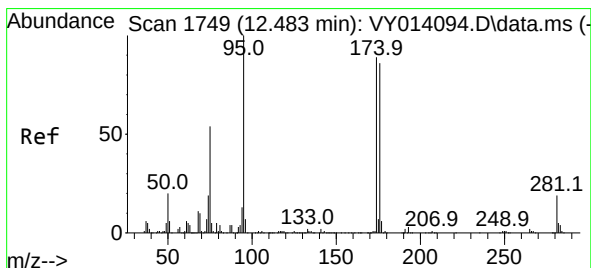
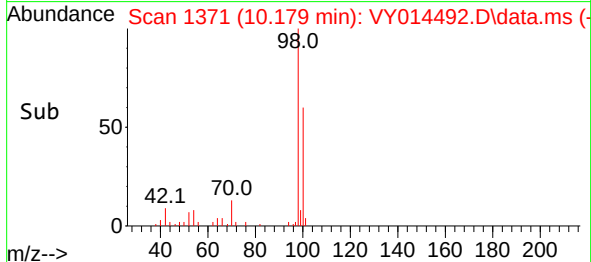
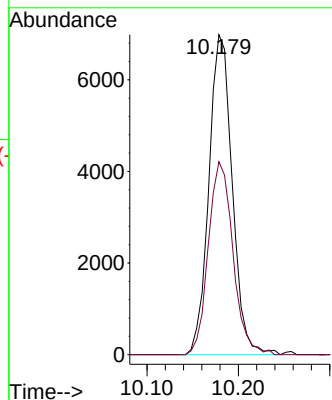
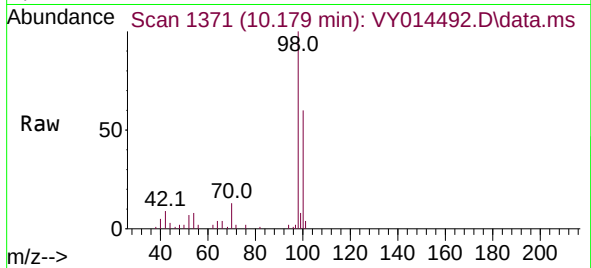




#50
Toluene-d8
Concen: 46.186 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

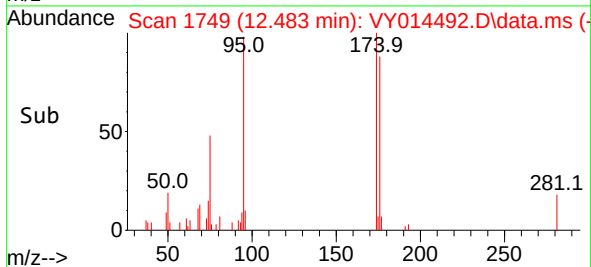
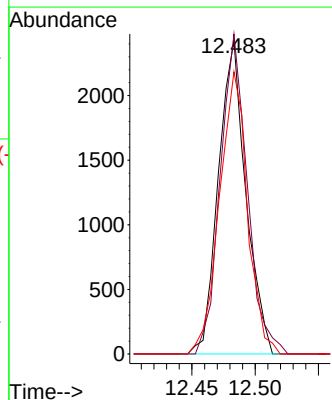
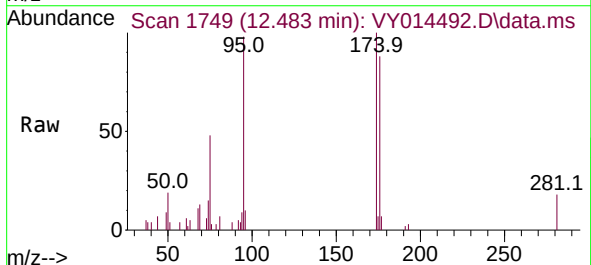
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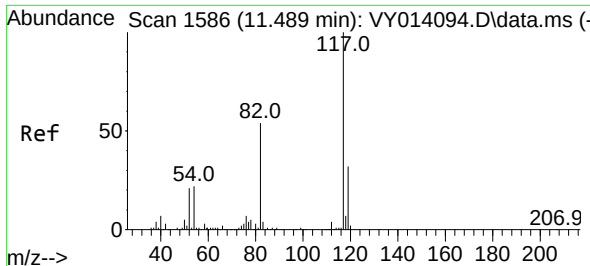
Tgt Ion: 98 Resp: 12391
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

Tgt Ion: 95 Resp: 3660
Ion Ratio Lower Upper
95 100
174 100.4 0.0 178.2
176 91.7 0.0 173.8

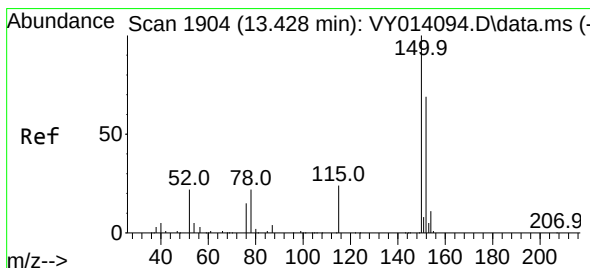
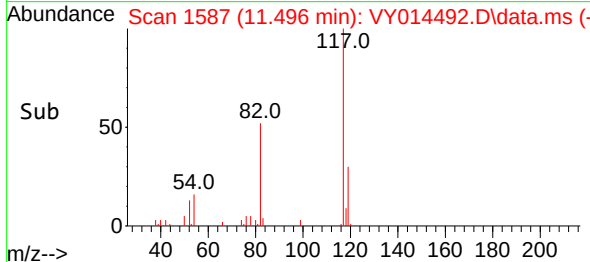
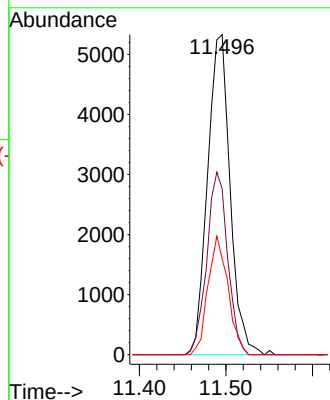
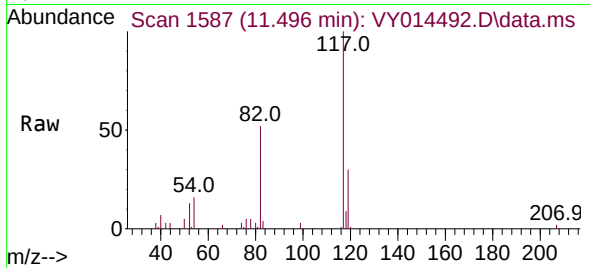




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

Instrument :
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Tgt Ion:	117	Resp:	9650
Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.4	65.0
119	30.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014492.D
Acq: 29 Jun 2023 11:45

Tgt Ion:	152	Resp:	4023
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.8	86.5
150	156.8	0.0	348.8

