

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014482.D
 Acq On : 28 Jun 2023 15:45
 Operator : KP/MD
 Sample : 03462-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-62823

Quant Time: Jun 29 02:18:50 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)

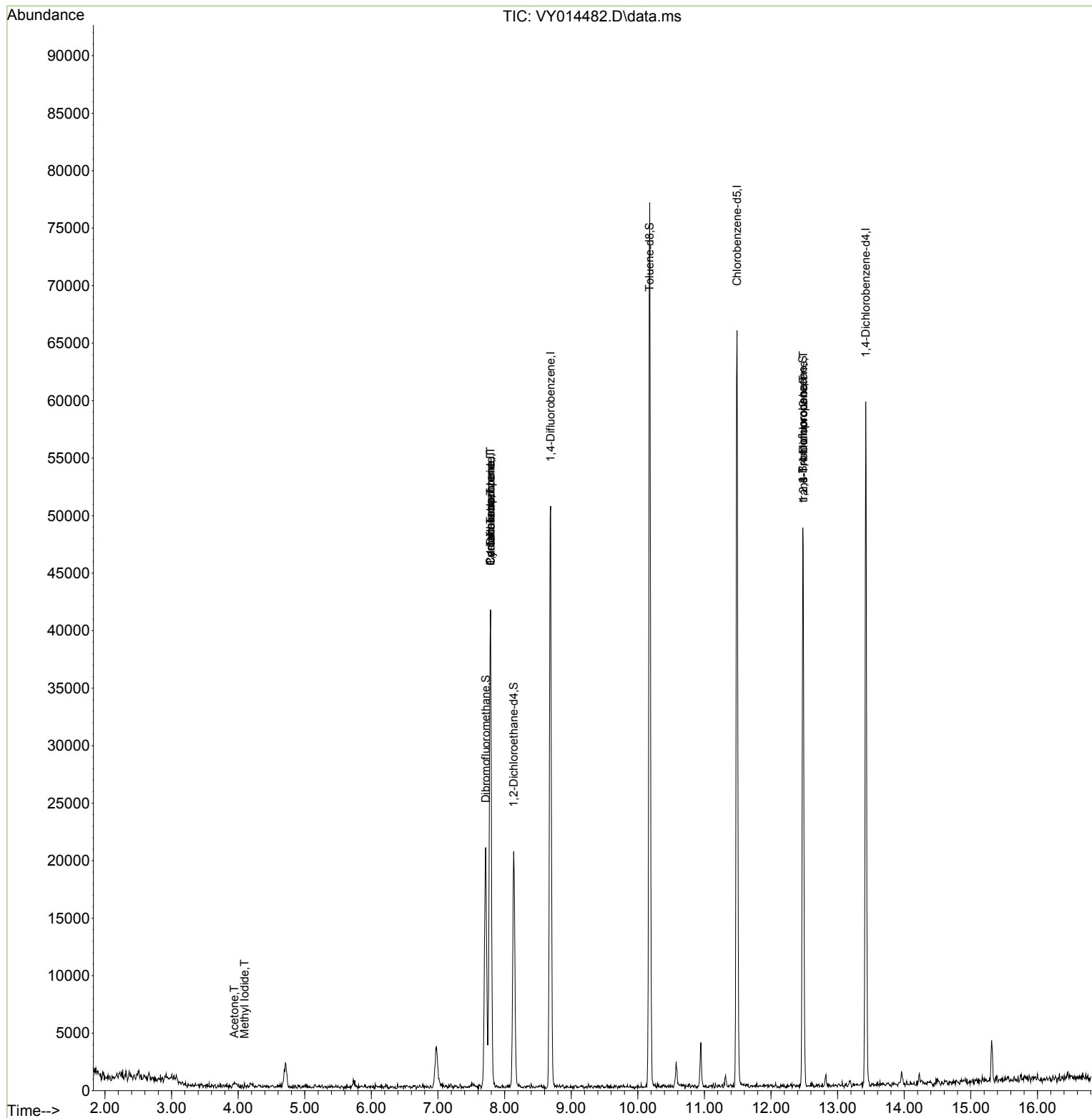
Internal Standards						
1) Pentafluorobenzene	7.789	168	32990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18191	44.412	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.820%		
35) Dibromofluoromethane	7.716	113	13920	50.607	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.220%		
50) Toluene-d8	10.179	98	51693	47.277	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.560%		
62) 4-Bromofluorobenzene	12.477	95	13575	34.777	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	69.560%		
Target Compounds						Qvalue
10) Methyl Iodide	4.095	142	138	3.198	ug/l #	54
16) Acetone	3.942	43	723	5.610	ug/l #	47
20) Methylene Chloride	4.716	84	1413	Below Cal		94
31) Cyclohexane	7.789	56	723	1.429	ug/l #	32
36) 1,1-Dichloropropene	7.789	75	2377	5.608	ug/l #	47
38) Carbon Tetrachloride	7.789	117	3325	6.234	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	7408	35.458	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7408	80.726	ug/l #	10

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823

Quant Time: Jun 29 02:18:50 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

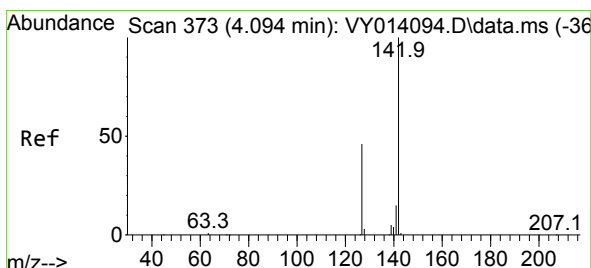
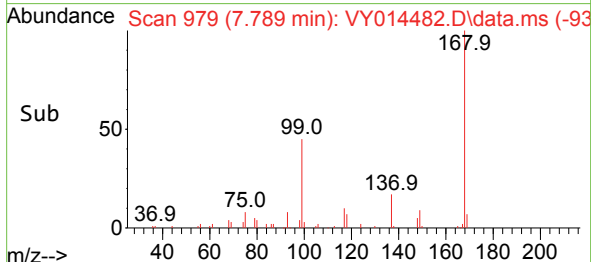
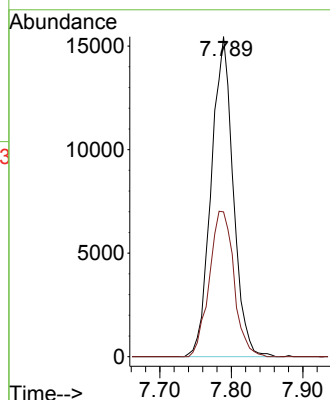
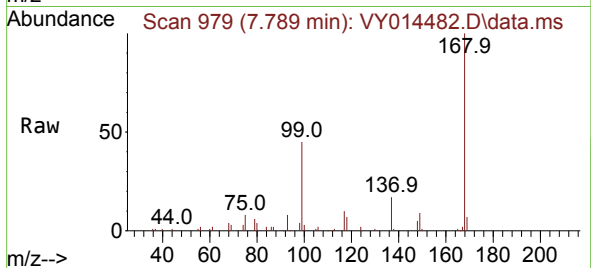




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

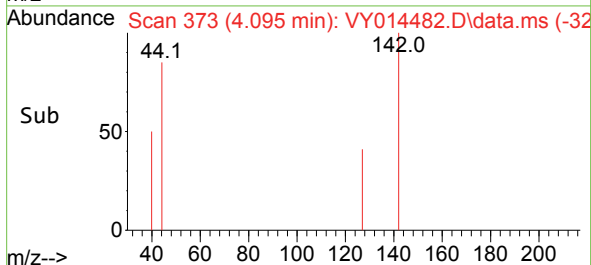
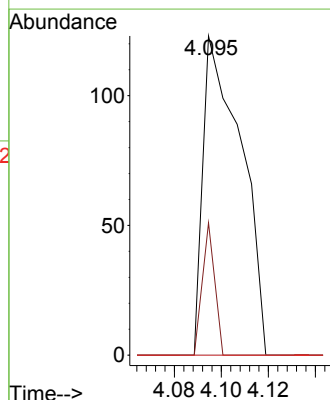
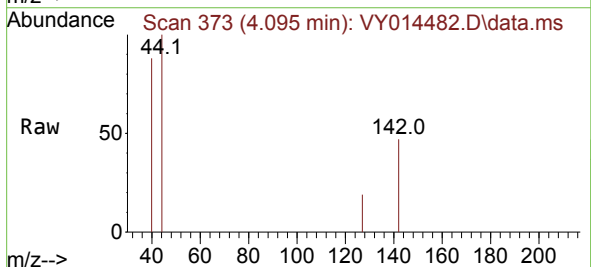
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823

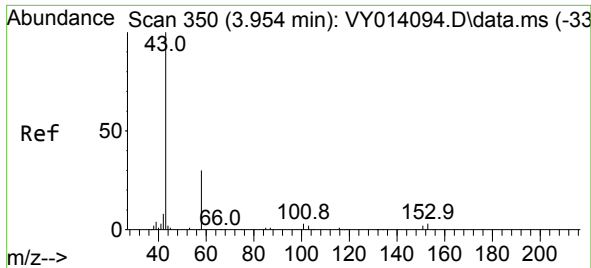
Tgt Ion:168 Resp: 32990
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#10
Methyl Iodide
Concen: 3.198 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion:142 Resp: 138
Ion Ratio Lower Upper
142 100
127 13.8 37.6 56.4#
141 0.0 11.8 17.8#

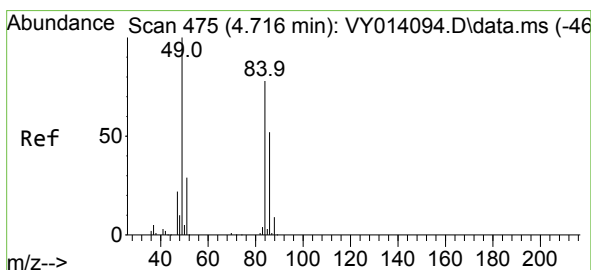
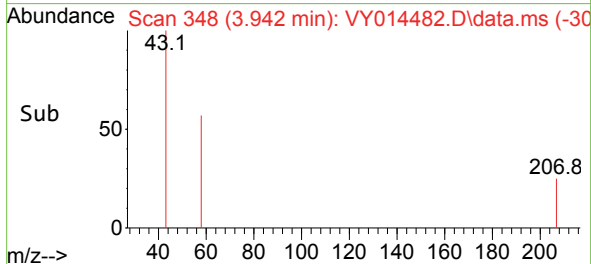
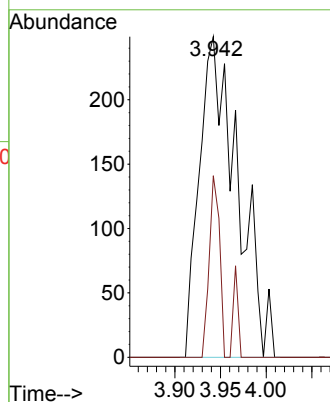
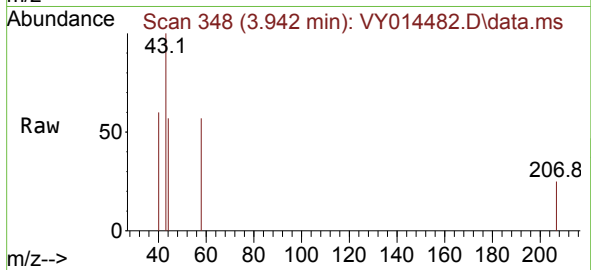




#16
Acetone
Concen: 5.610 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

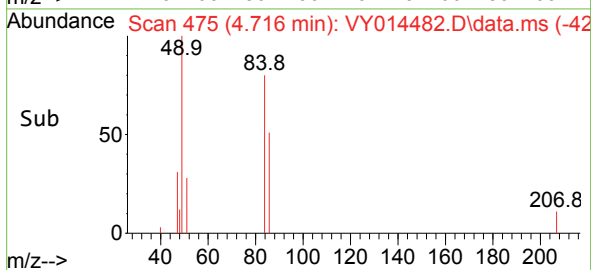
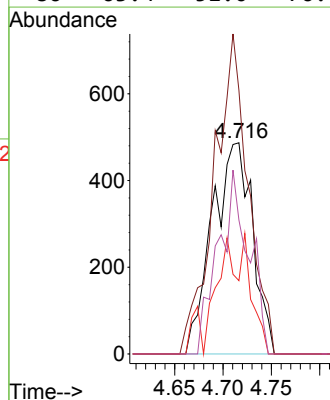
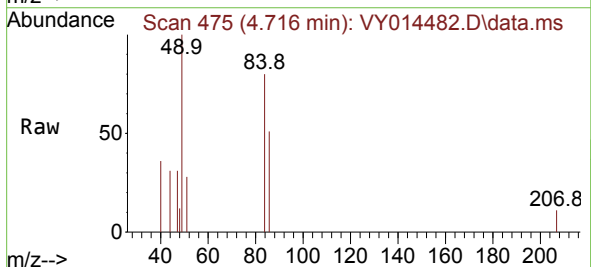
Instrument :
MSVOA_Y
ClientSampleId :
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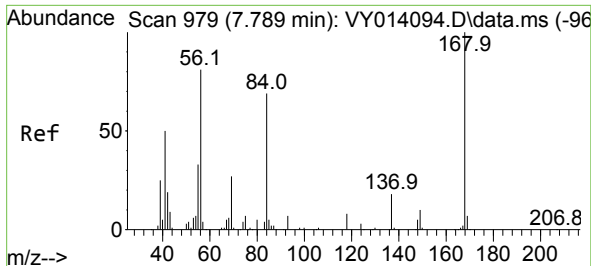
Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 56.6 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion: 84 Resp: 1413
Ion Ratio Lower Upper
84 100
49 124.8 106.9 160.3
51 34.7 33.2 49.8
86 63.4 51.0 76.6

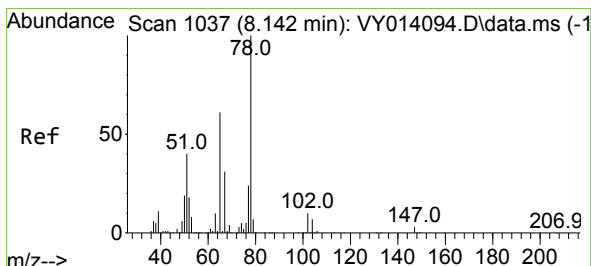
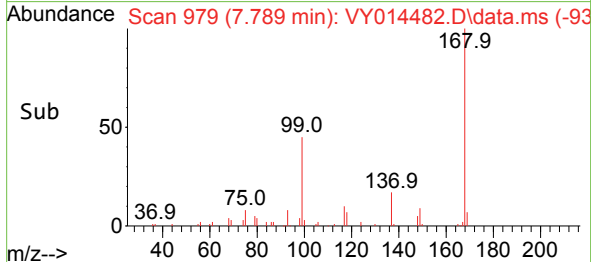
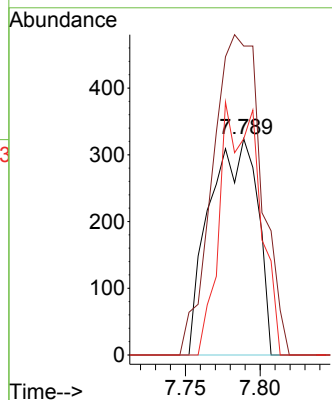
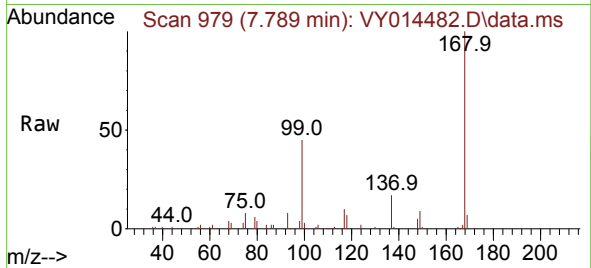




#31
Cyclohexane
Concen: 1.429 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

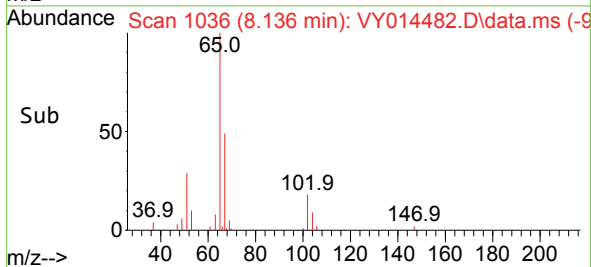
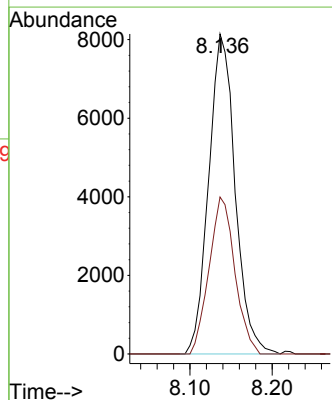
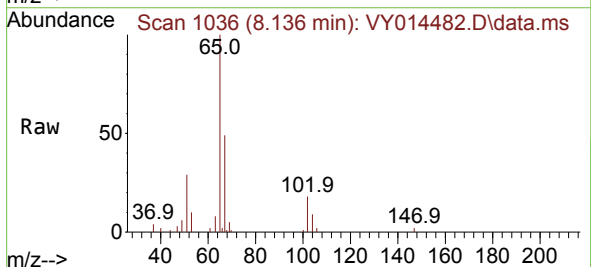
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823

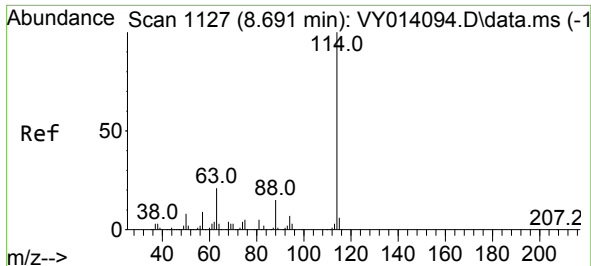
Tgt Ion: 56 Resp: 723
Ion Ratio Lower Upper
56 100
69 142.9 27.8 41.6#
84 100.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 44.412 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion: 65 Resp: 18191
Ion Ratio Lower Upper
65 100
67 47.7 0.0 101.8

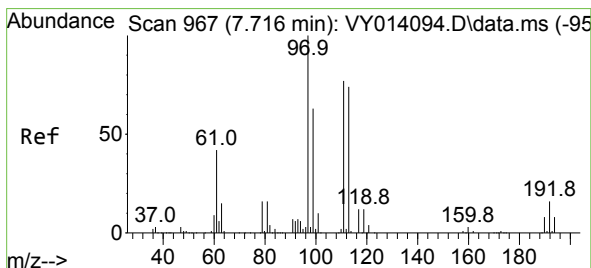
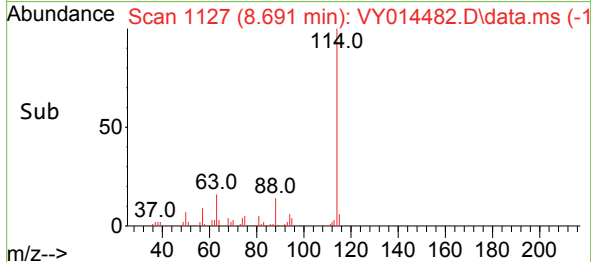
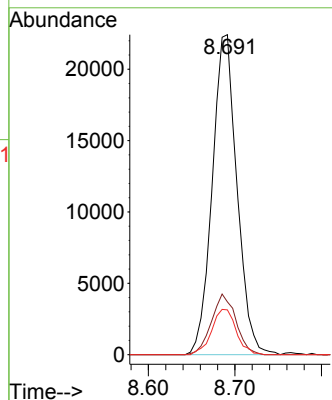
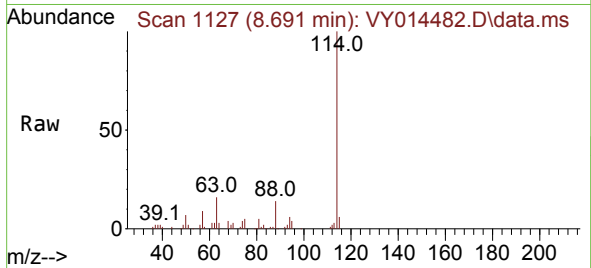




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

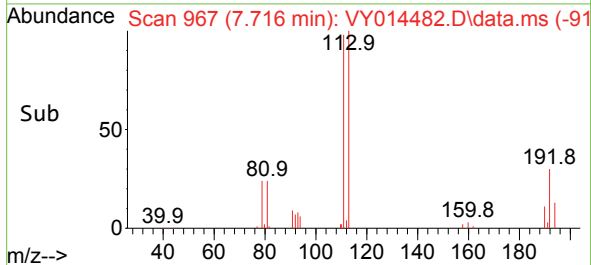
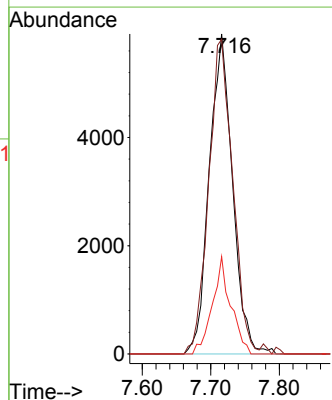
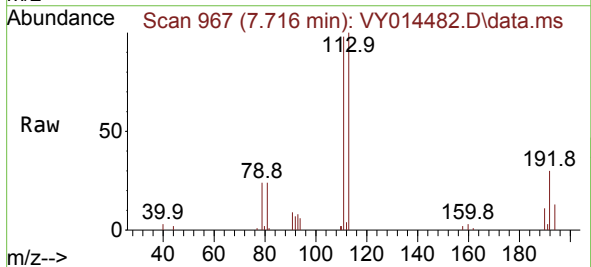
Instrument :
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ClientSampleId :
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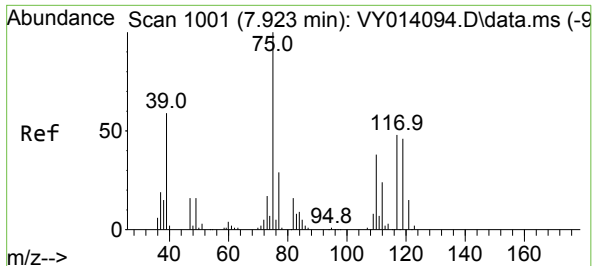
Tgt Ion:	114	Resp:	44521
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	42.4
88	14.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.607 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion:	113	Resp:	13920
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	24.1	16.9	25.3

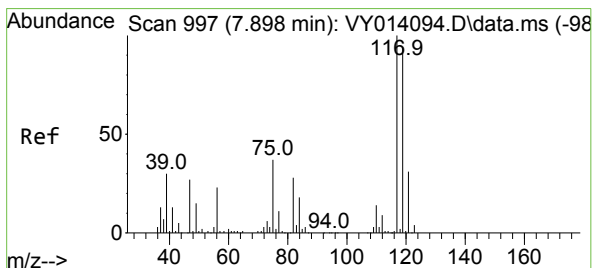
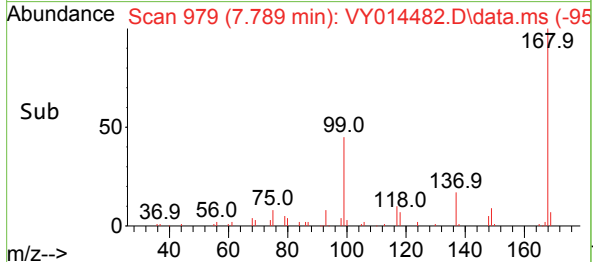
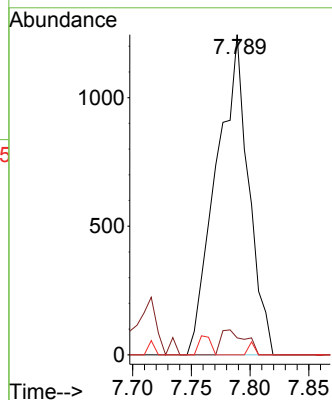
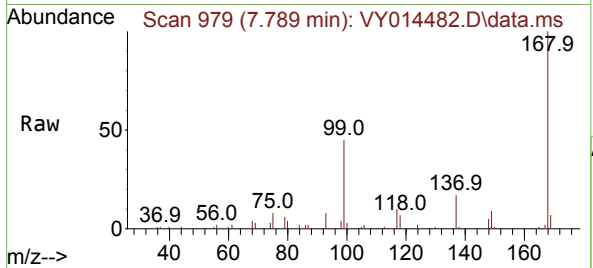




#36
1,1-Dichloropropene
Concen: 5.608 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

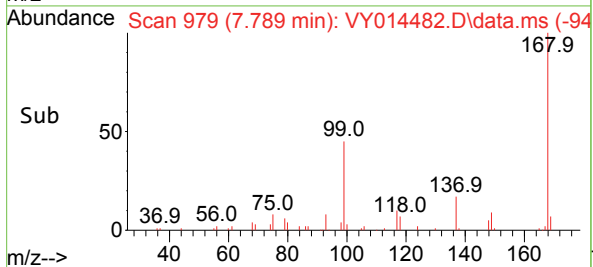
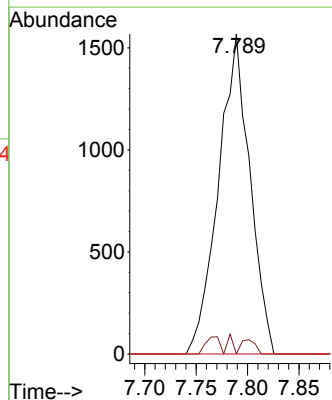
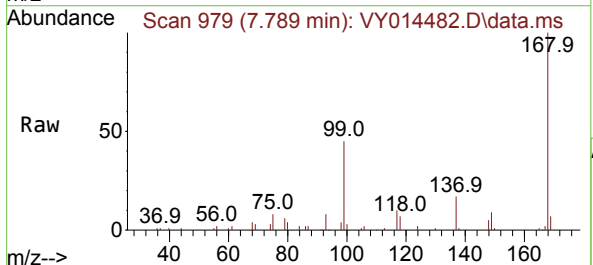
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ClientSampleId :
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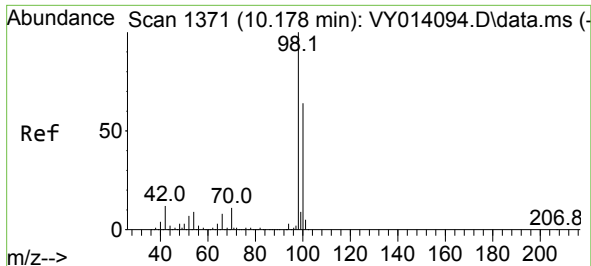
Tgt Ion: 75 Resp: 2377
Ion Ratio Lower Upper
75 100
110 5.9 17.8 53.5#
77 0.8 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.234 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion: 117 Resp: 3325
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#

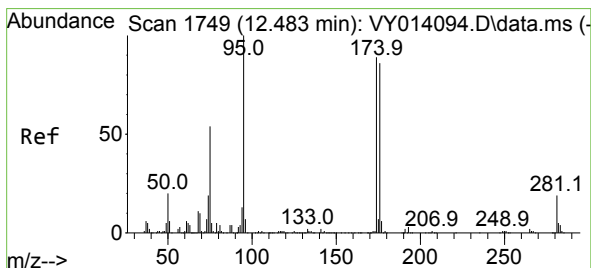
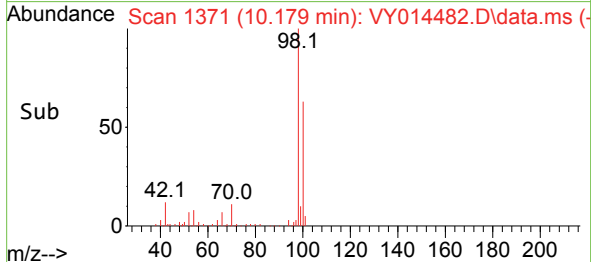
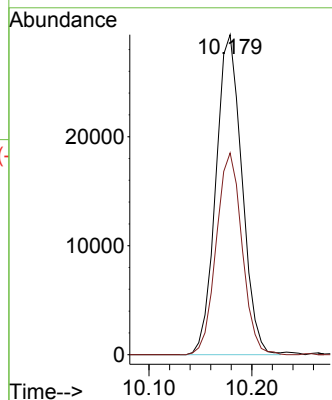
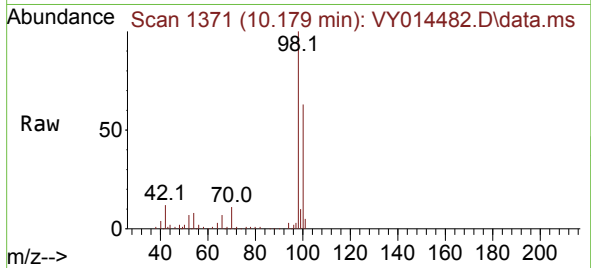




#50
Toluene-d8
Concen: 47.277 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

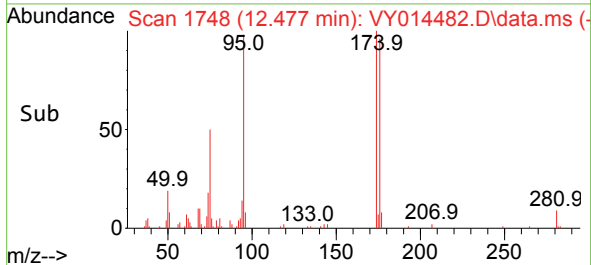
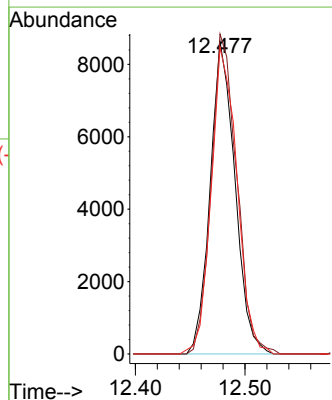
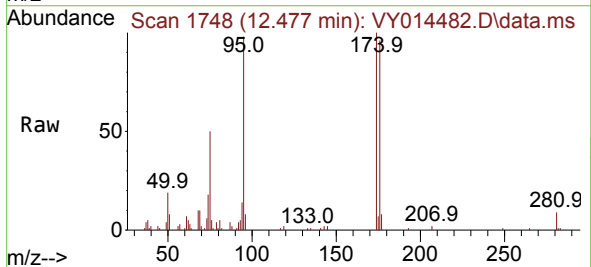
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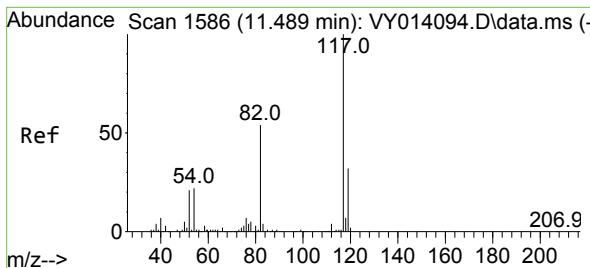
Tgt Ion: 98 Resp: 51693
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 34.777 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion: 95 Resp: 13575
Ion Ratio Lower Upper
95 100
174 105.1 0.0 178.2
176 102.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014482.D

Acq: 28 Jun 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-62823

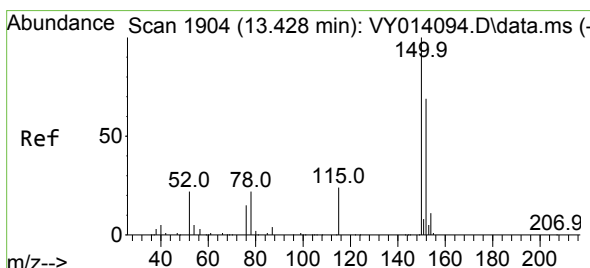
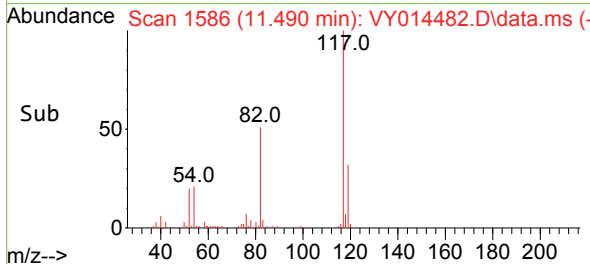
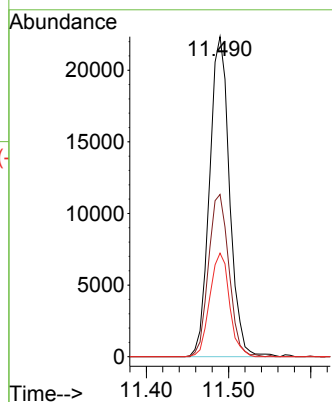
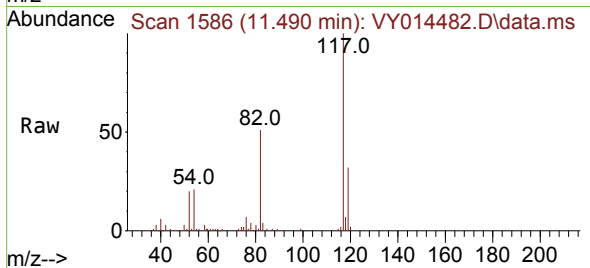
Tgt Ion:117 Resp: 37767

Ion Ratio Lower Upper

117 100

82 50.7 43.4 65.0

119 32.4 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: VY014482.D

Acq: 28 Jun 2023 15:45

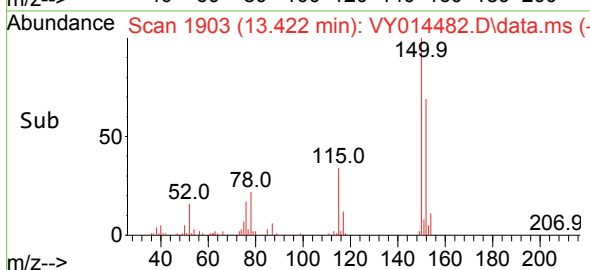
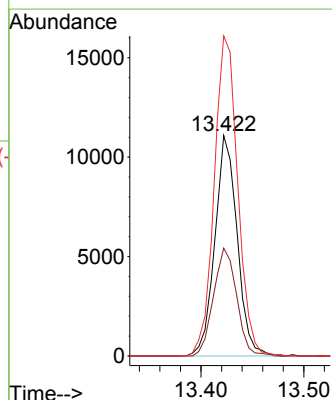
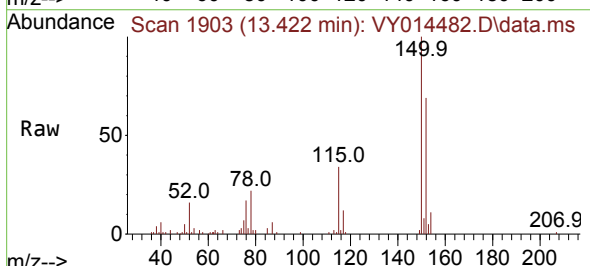
Tgt Ion:152 Resp: 16655

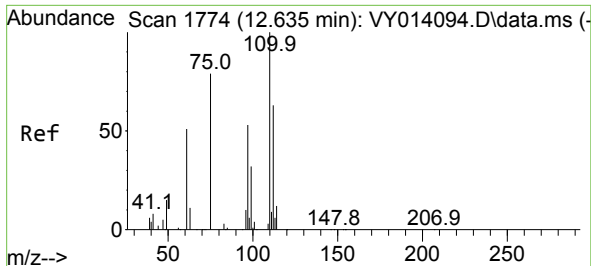
Ion Ratio Lower Upper

152 100

115 50.9 28.8 86.5

150 153.2 0.0 348.8

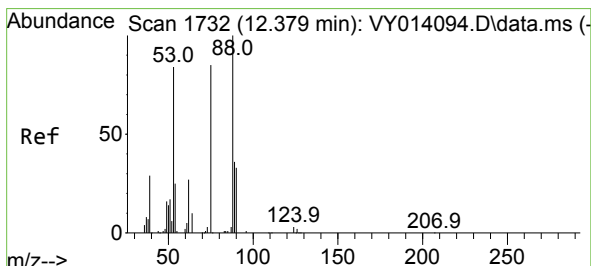
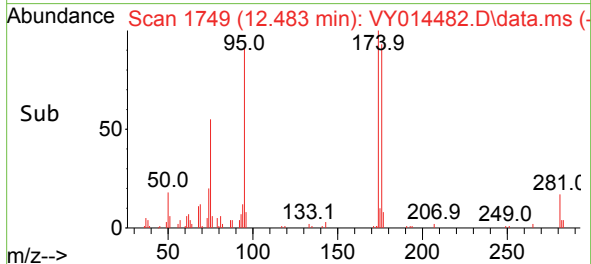
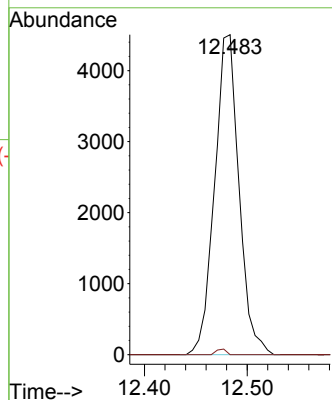
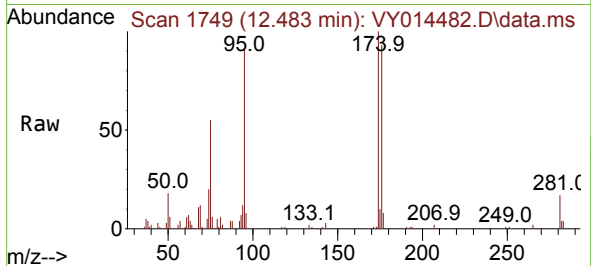




#76
1,2,3-Trichloropropane
Concen: 35.458 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-62823

Tgt Ion: 75 Resp: 7408
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014482.D
Acq: 28 Jun 2023 15:45

Tgt Ion: 75 Resp: 7408
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

