

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015862.D
 Acq On : 06 Oct 2023 15:11
 Operator : SY/MD
 Sample : 04765-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 07 07:27:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

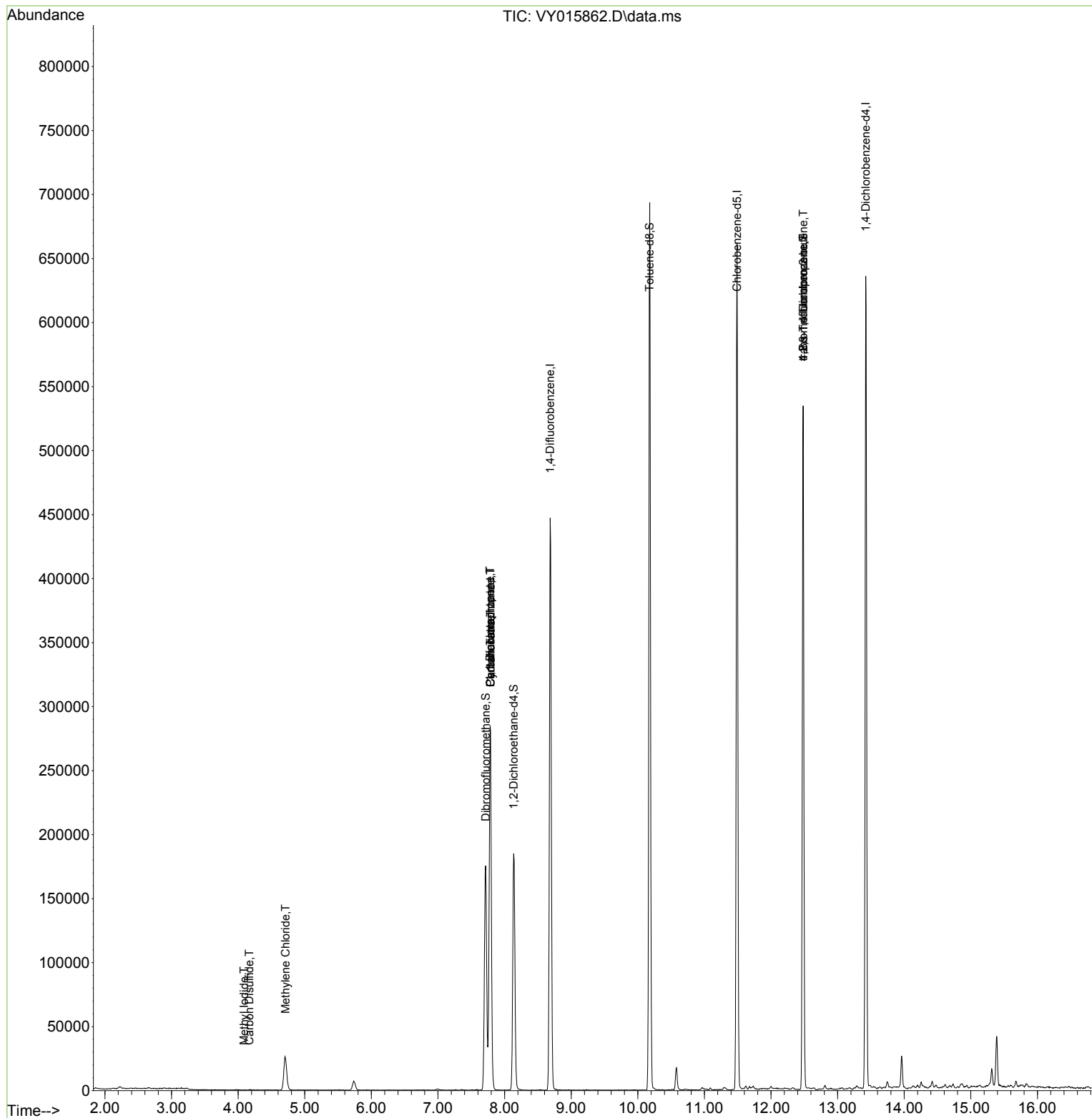
Internal Standards						
1) Pentafluorobenzene	7.789	168	221638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146727	67.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.580%	
35) Dibromofluoromethane	7.716	113	127097	56.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.500%	
50) Toluene-d8	10.179	98	457597	62.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 125.860%	
62) 4-Bromofluorobenzene	12.483	95	156945	52.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.600%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	67	3.136	ug/l #	38
11) Tert butyl alcohol	4.924	59	45	Below Cal	#	89
17) Carbon Disulfide	4.168	76	311	3.038	ug/l #	76
20) Methylene Chloride	4.710	84	20552	1.993	ug/l	86
31) Cyclohexane	7.789	56	4192	1.706	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16547	6.193	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21889	6.967	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	81454	33.063	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81454	76.536	ug/l #	11

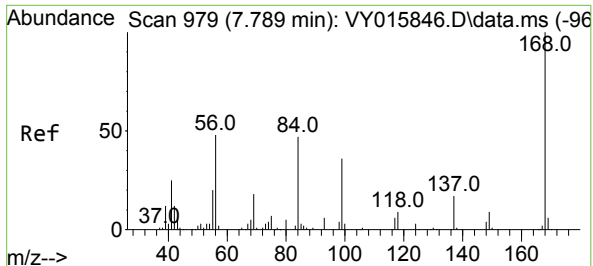
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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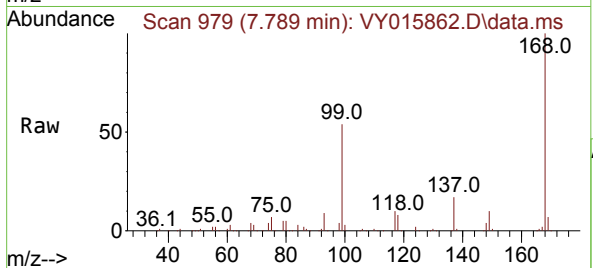
Quant Time: Oct 07 07:27:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 2023
Response via : Initial Calibration



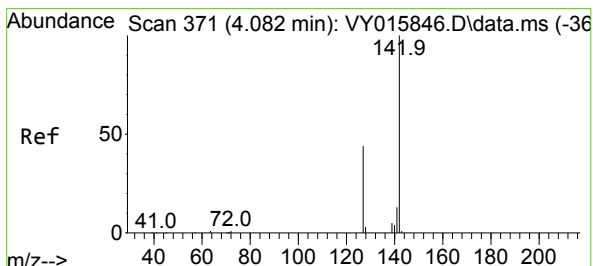
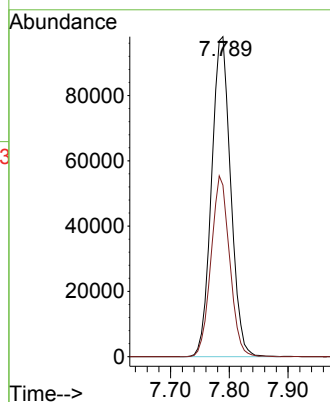
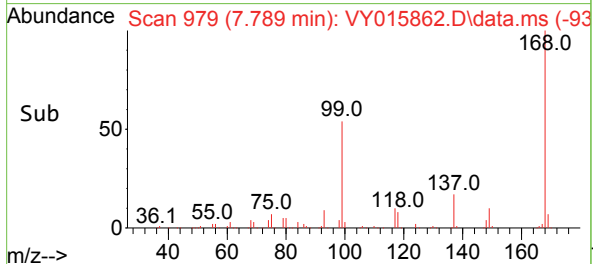


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :

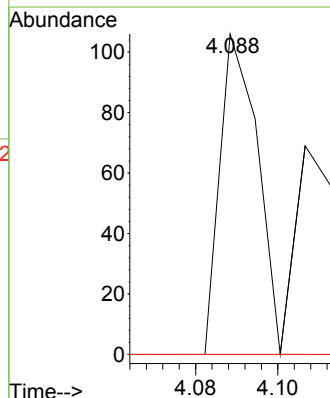
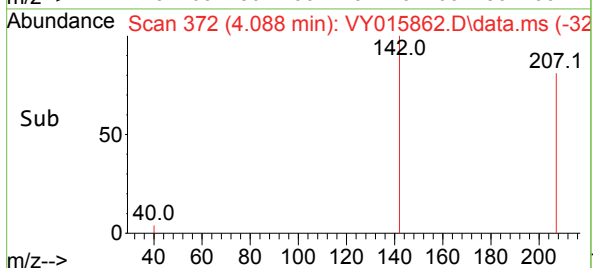
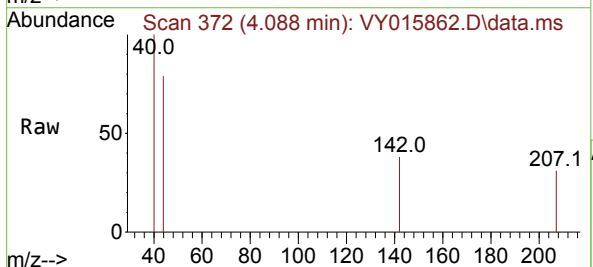


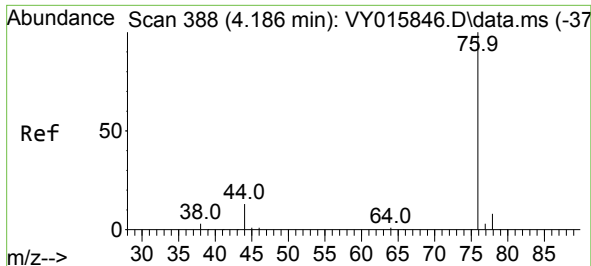
Tgt Ion:168 Resp: 221638
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#10
Methyl Iodide
Concen: 3.136 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

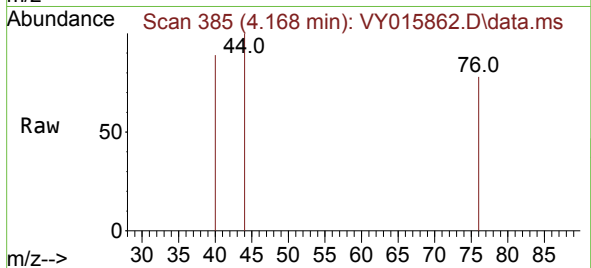
Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



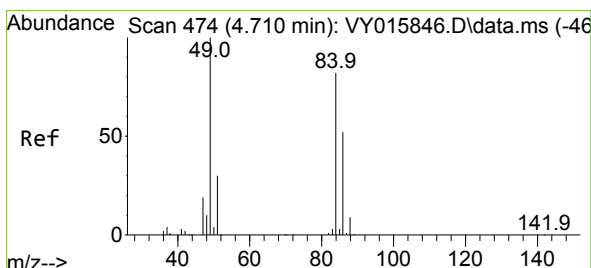
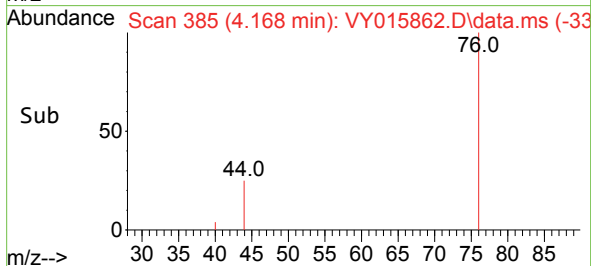
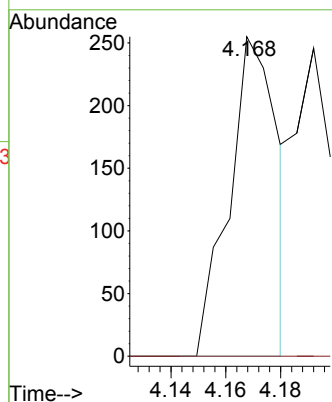


#17
Carbon Disulfide
Concen: 3.038 ug/l
RT: 4.168 min Scan# 311
Delta R.T. -0.018 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :

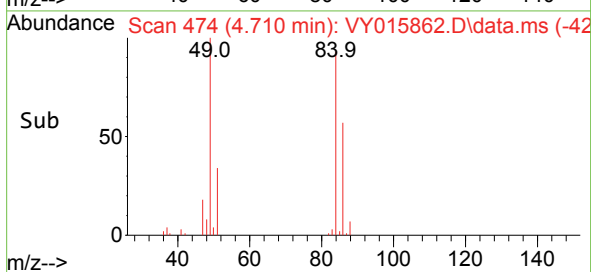
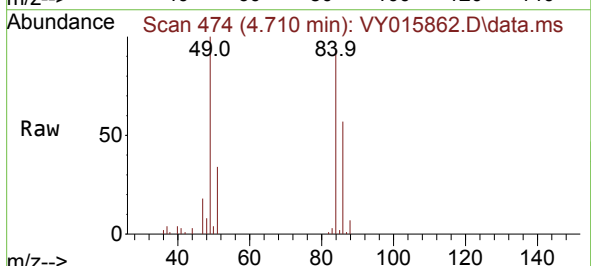
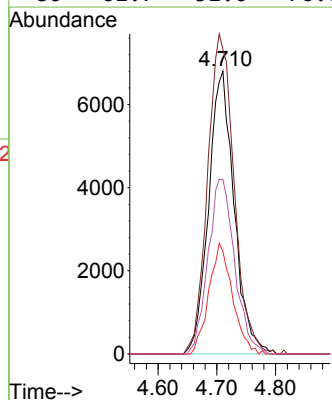


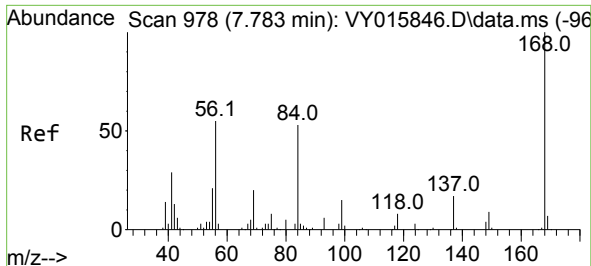
Tgt Ion: 76 Resp: 311
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 1.993 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

Tgt Ion: 84 Resp: 20552
Ion Ratio Lower Upper
84 100
49 107.7 106.9 160.3
51 36.3 33.2 49.8
86 61.7 51.0 76.6

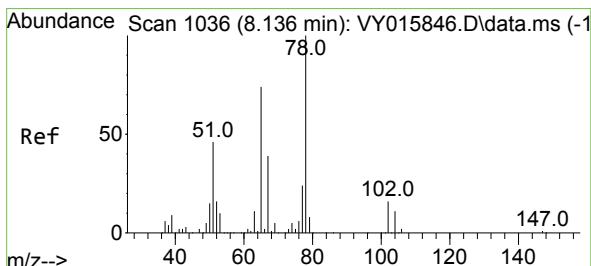
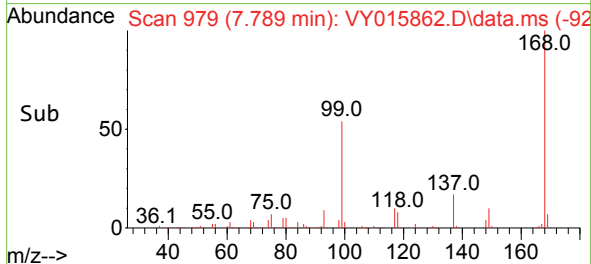
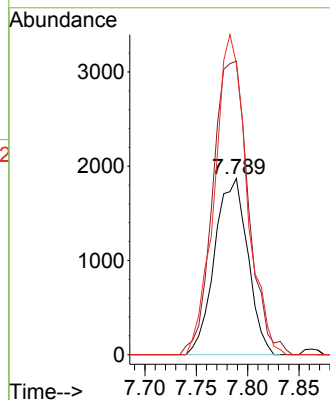
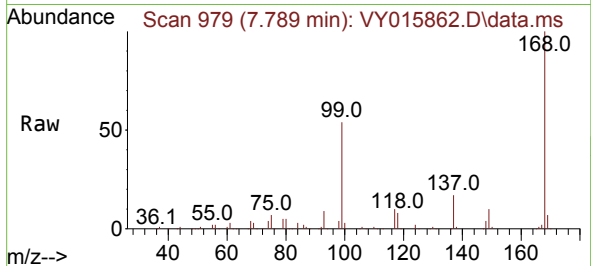




#31
Cyclohexane
Concen: 1.706 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

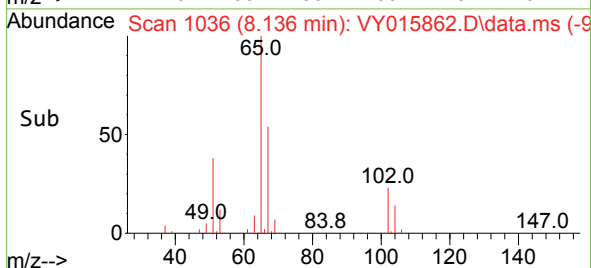
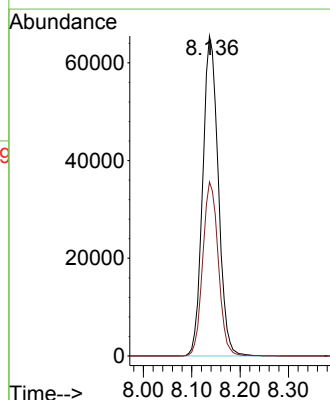
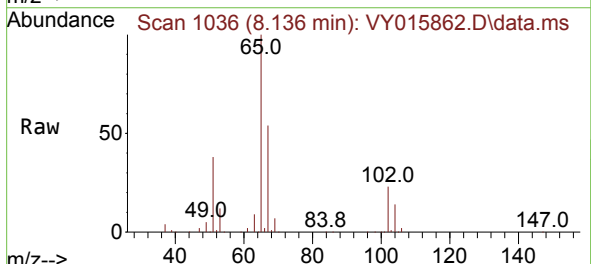
Instrument :
MSVOA_Y
ClientSampleId :

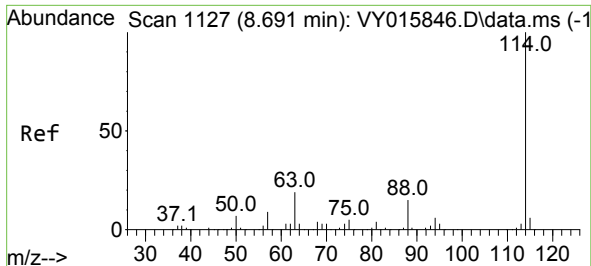
Tgt Ion: 56 Resp: 4192
Ion Ratio Lower Upper
56 100
69 166.6 27.8 41.6#
84 165.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.289 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

Tgt Ion: 65 Resp: 146727
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015862.D

Acq: 06 Oct 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

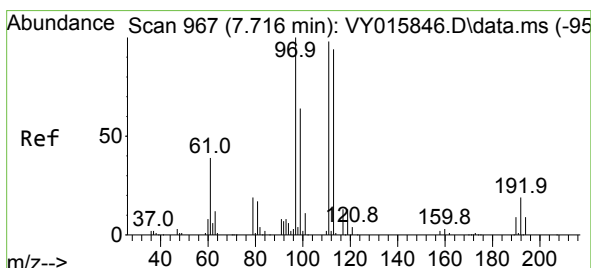
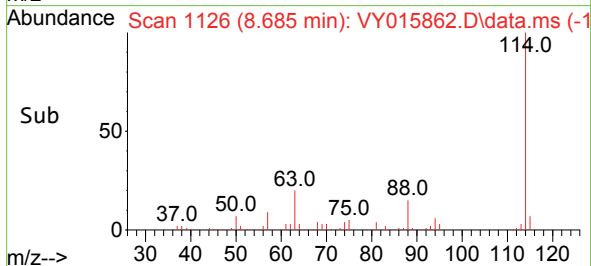
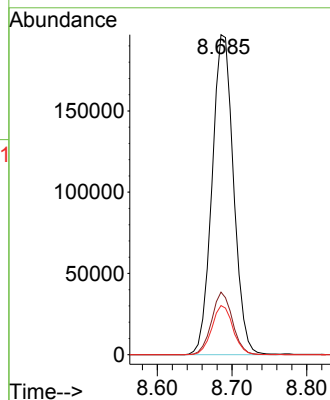
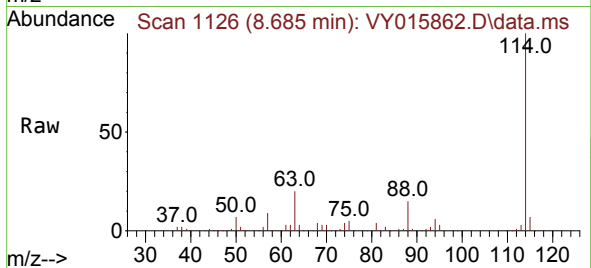
Tgt Ion:114 Resp: 392912

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.750 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015862.D

Acq: 06 Oct 2023 15:11

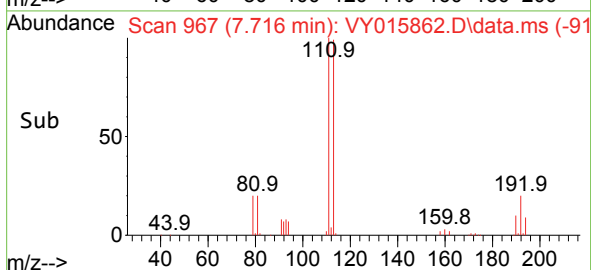
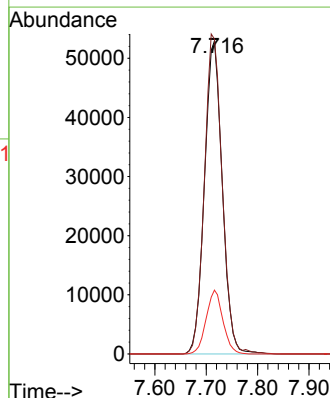
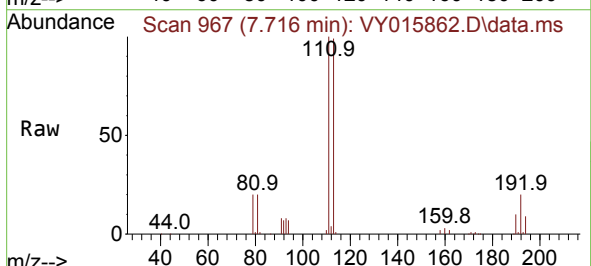
Tgt Ion:113 Resp: 127097

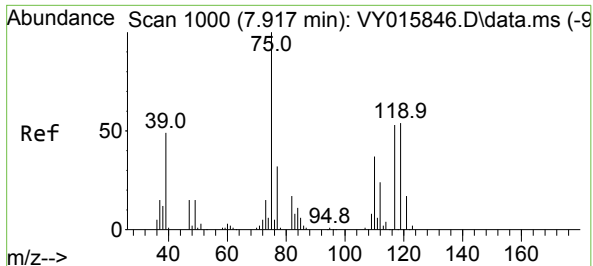
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 19.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.193 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

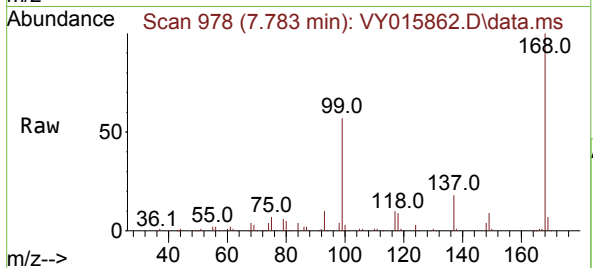
Lab File: VY015862.D

Acq: 06 Oct 2023 15:11

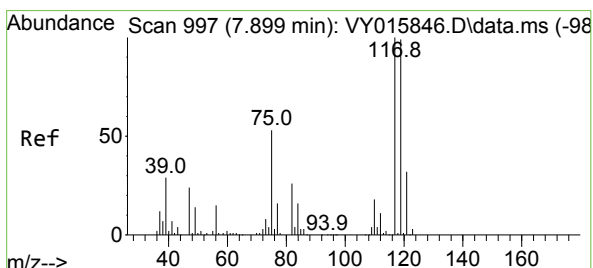
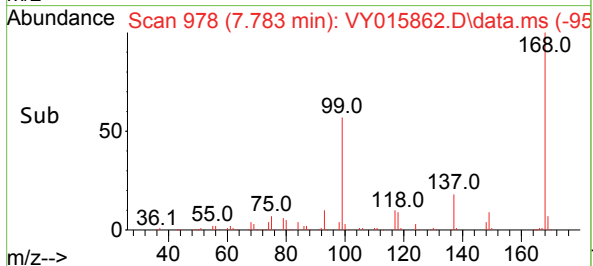
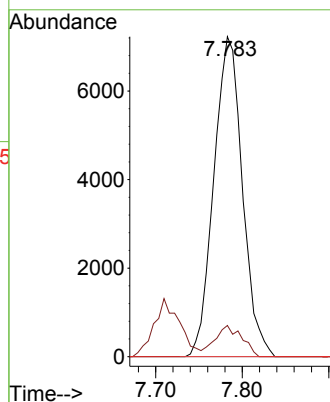
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 16547
Ion Ratio	Lower Upper
75	100
110	9.2 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.967 ug/l

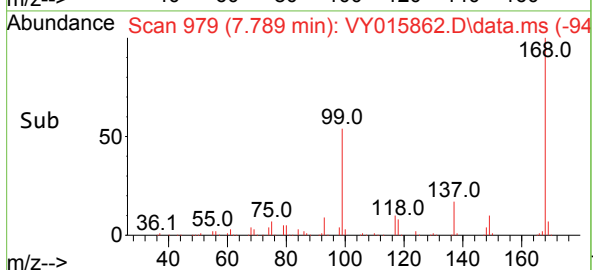
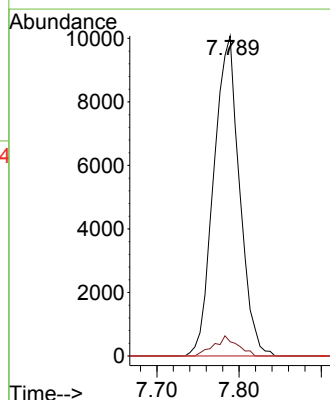
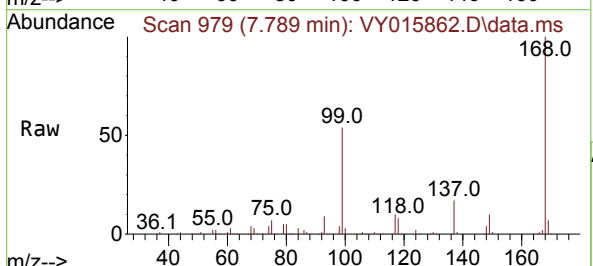
RT: 7.789 min Scan# 979

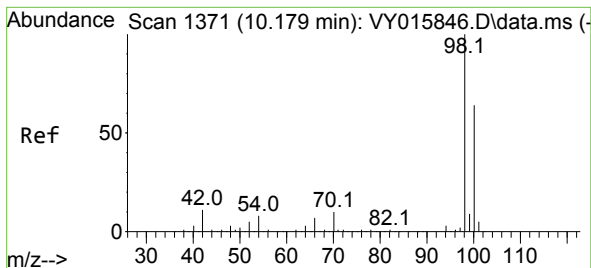
Delta R.T. -0.110 min

Lab File: VY015862.D

Acq: 06 Oct 2023 15:11

Tgt Ion: 117	Resp: 21889
Ion Ratio	Lower Upper
117	100
119	4.5 76.4 114.6#
121	0.0 25.8 38.6#

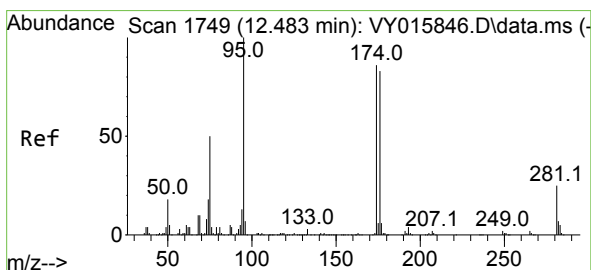
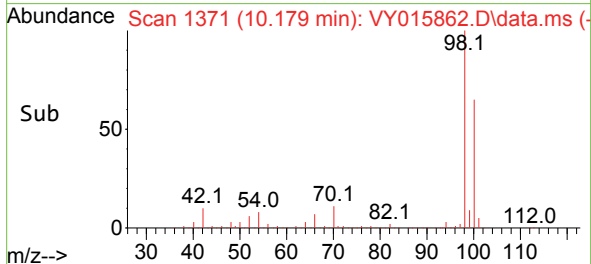
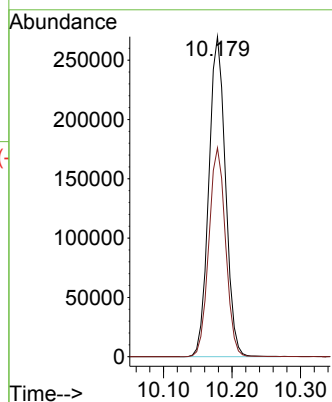
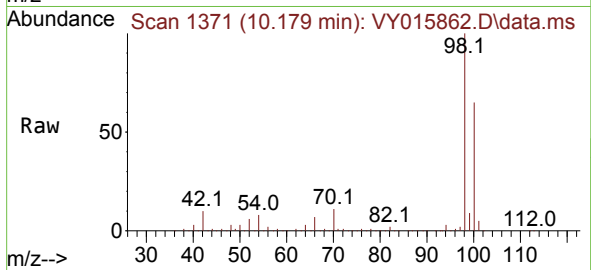




#50
Toluene-d8
Concen: 62.931 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

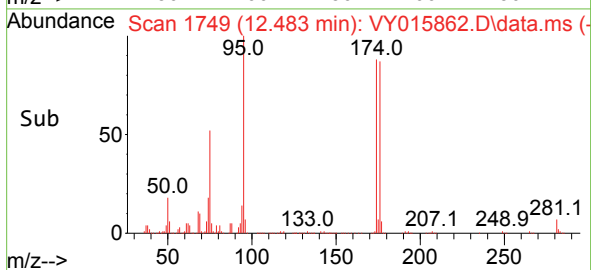
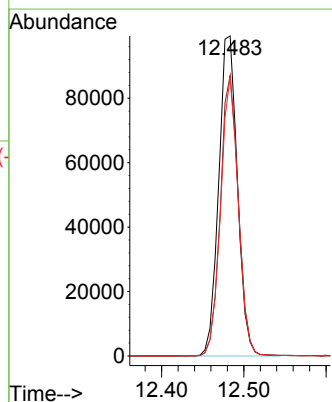
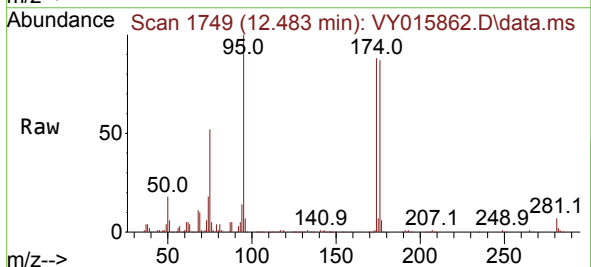
Instrument :
MSVOA_Y
ClientSampleId :

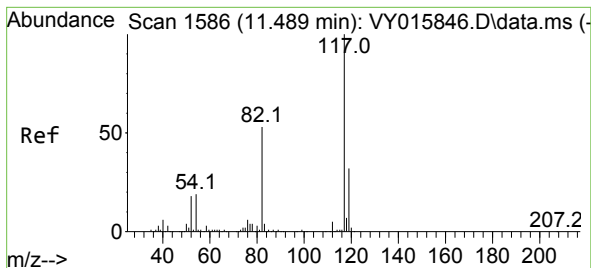
Tgt Ion: 98 Resp: 457597
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.804 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

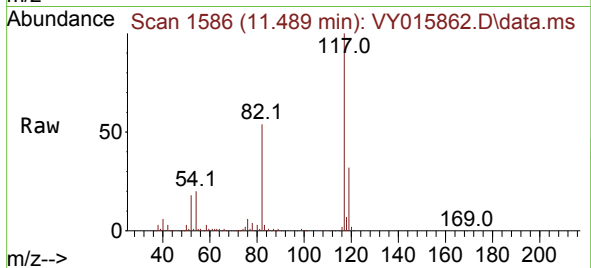
Tgt Ion: 95 Resp: 156945
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 82.4 0.0 173.8



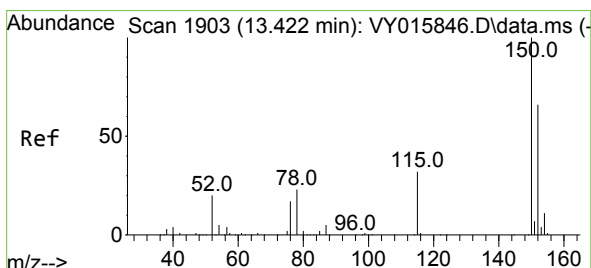
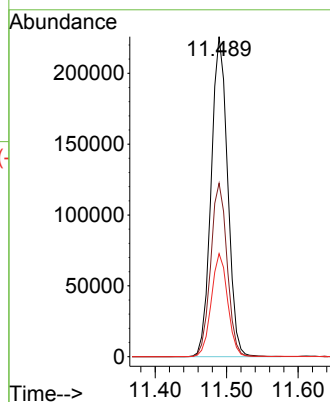
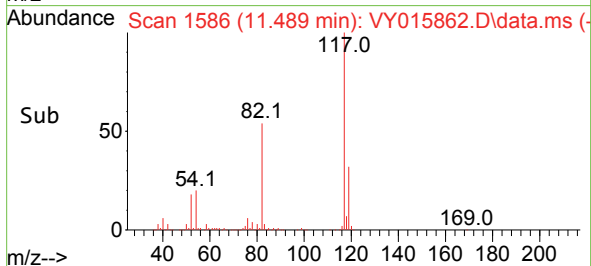


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

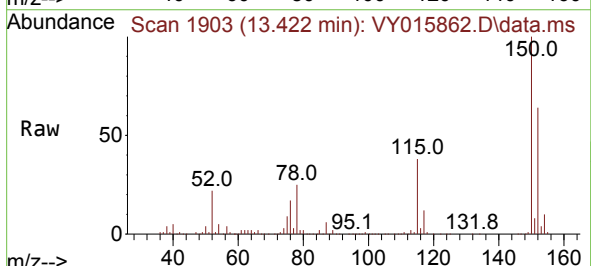
Instrument :
MSVOA_Y
ClientSampleId :



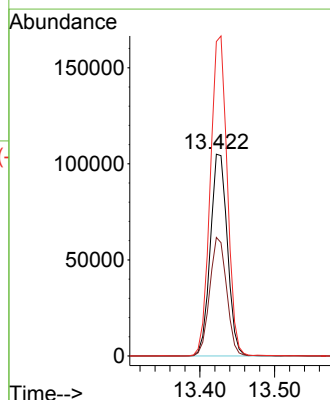
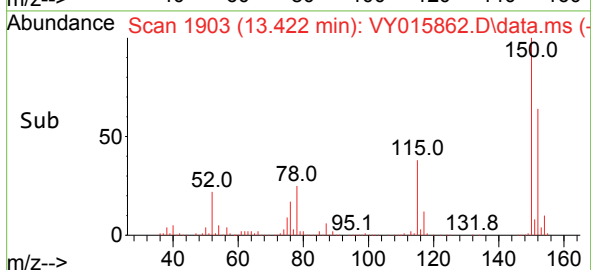
Tgt Ion:117 Resp: 361053
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.1 26.3 39.5

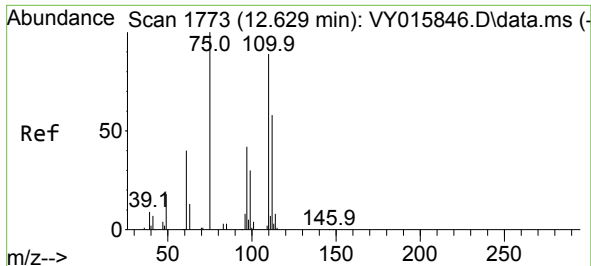


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11



Tgt Ion:152 Resp: 166422
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 157.5 0.0 348.8

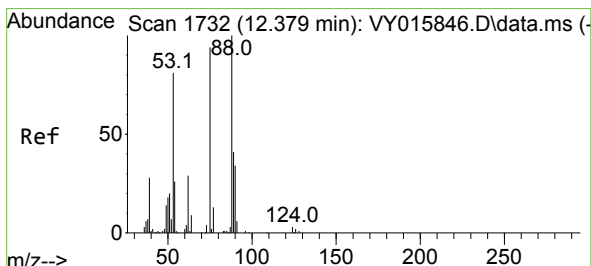
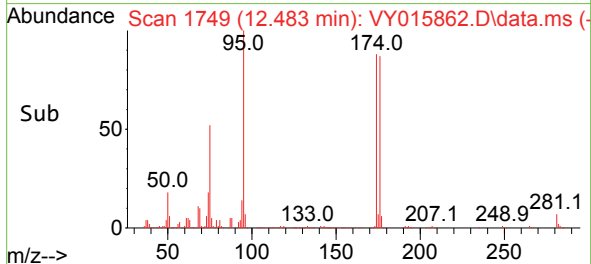
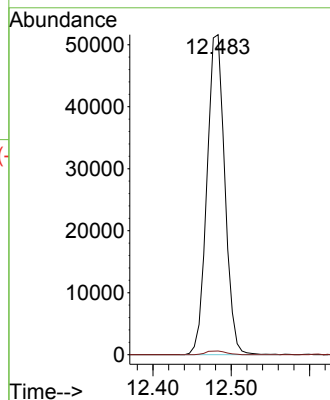
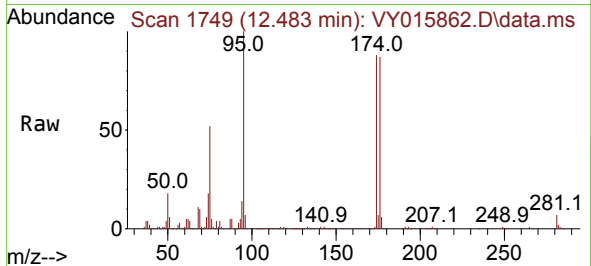




#76
1,2,3-Trichloropropane
Concen: 33.063 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 81454
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.536 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015862.D
Acq: 06 Oct 2023 15:11

Tgt Ion: 75 Resp: 81454
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

