

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015490.D
 Acq On : 11 Sep 2023 16:28
 Operator : SY/MD
 Sample : 04363-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:19:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

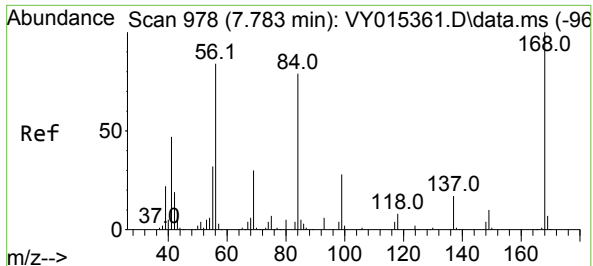
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	309913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	508621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	195613	58.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.760%	
35) Dibromofluoromethane	7.710	113	160827	54.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.179	98	600929	56.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.280%	
62) 4-Bromofluorobenzene	12.477	95	214522	54.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.940%	
Target Compounds						
11) Tert butyl alcohol	4.924	59	6446	Below Cal	#	90
16) Acetone	3.948	43	4444	3.205	ug/l #	79
20) Methylene Chloride	4.710	84	20062	Below Cal		91
25) 2-Butanone	6.966	43	2300	1.169	ug/l #	66
31) Cyclohexane	7.783	56	6442	1.092	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	23192	4.509	ug/l #	51
38) Carbon Tetrachloride	7.783	117	31345	5.900	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	114713	37.797	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	114713	83.376	ug/l #	11

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

Quant Time: Sep 12 01:19:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

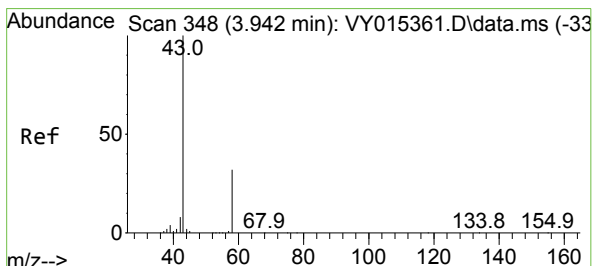
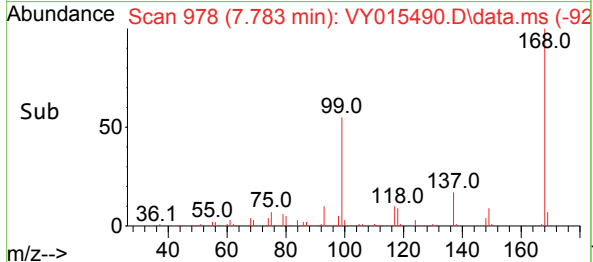
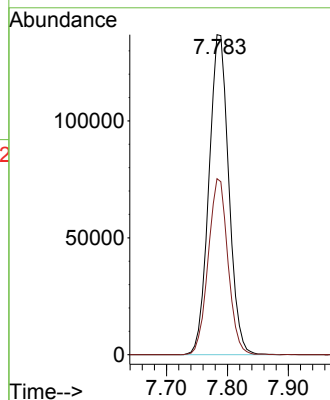
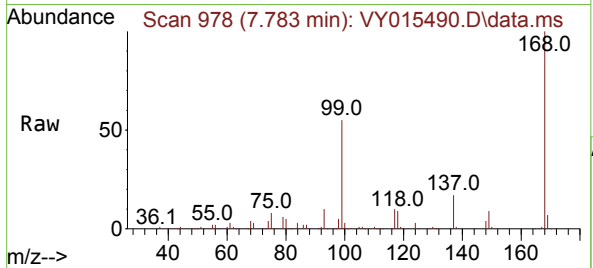




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015490.D
Acq: 11 Sep 2023 16:28

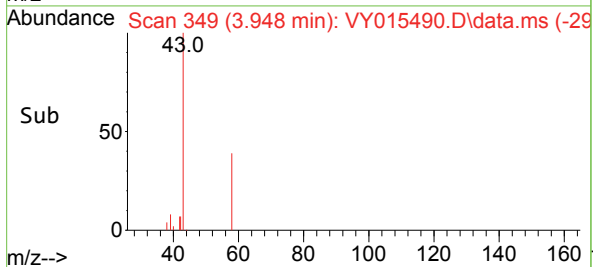
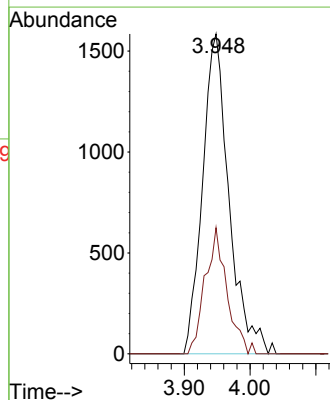
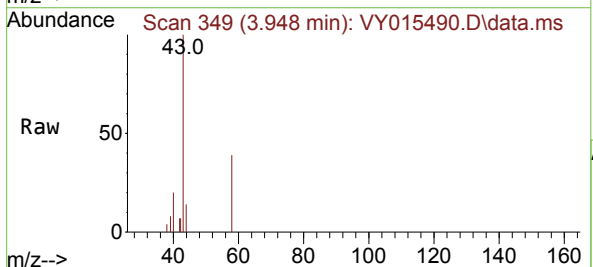
Instrument :
MSVOA_Y
ClientSampleId :

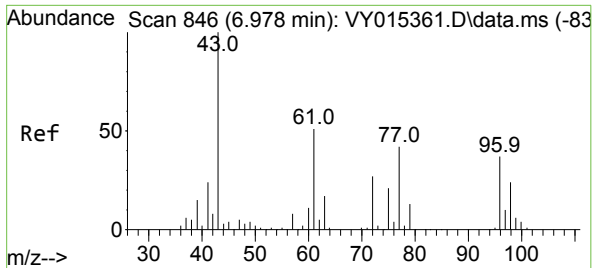
Tgt Ion:168 Resp: 309913
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 3.205 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015490.D
Acq: 11 Sep 2023 16:28

Tgt Ion: 43 Resp: 4444
Ion Ratio Lower Upper
43 100
58 39.4 22.7 34.1#





#25

2-Butanone

Concen: 1.169 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

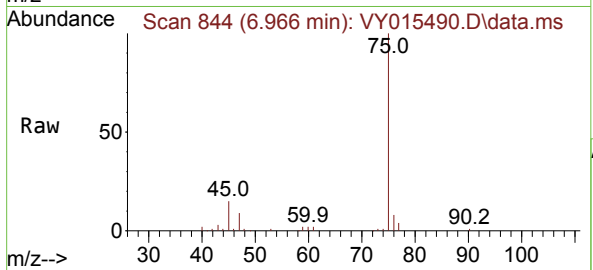
Lab File: VY015490.D

Acq: 11 Sep 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

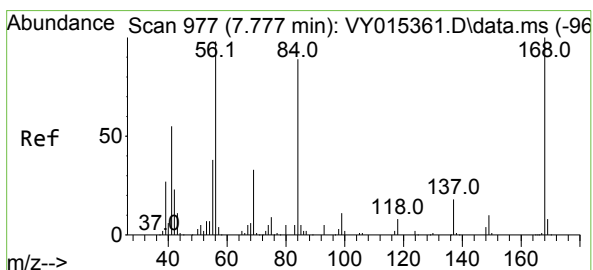
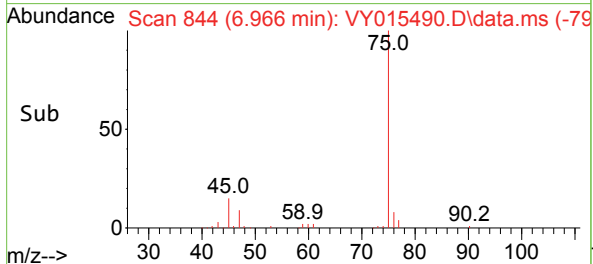
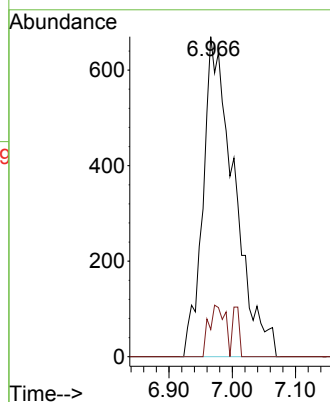


Tgt Ion: 43 Resp: 2300

Ion Ratio Lower Upper

43 100

72 8.5 20.5 30.7#



#31

Cyclohexane

Concen: 1.092 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015490.D

Acq: 11 Sep 2023 16:28

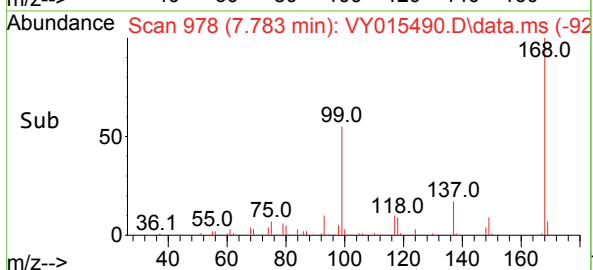
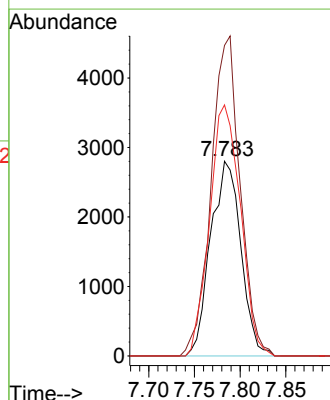
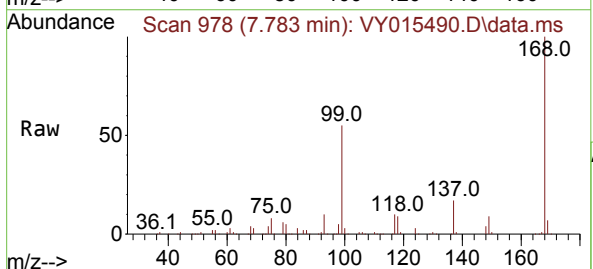
Tgt Ion: 56 Resp: 6442

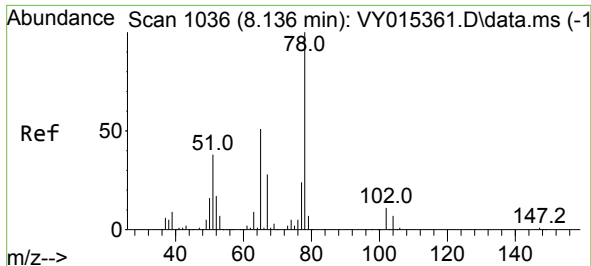
Ion Ratio Lower Upper

56 100

69 159.5 27.8 41.6#

84 128.9 66.4 99.6#

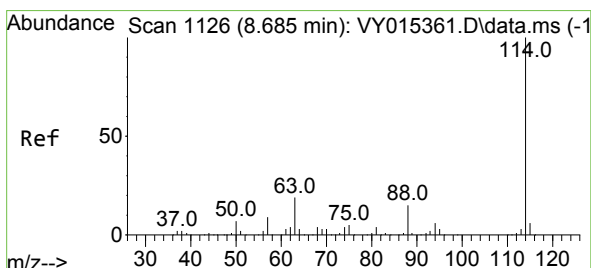
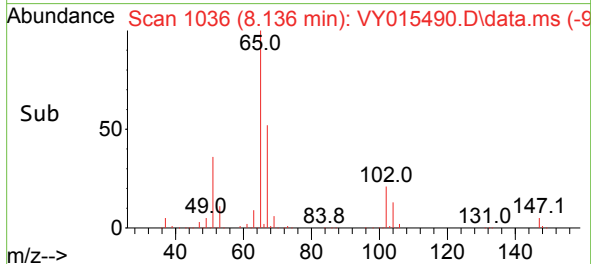
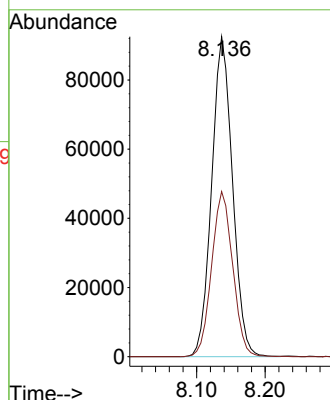
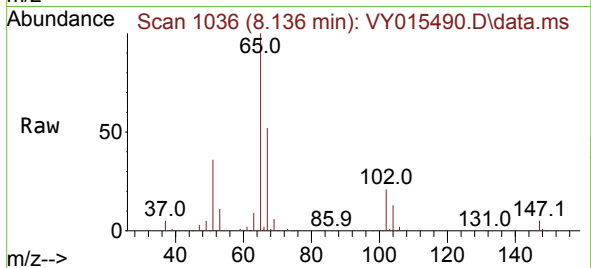




#33
 1,2-Dichloroethane-d4
 Concen: 58.880 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015490.D
 Acq: 11 Sep 2023 16:28

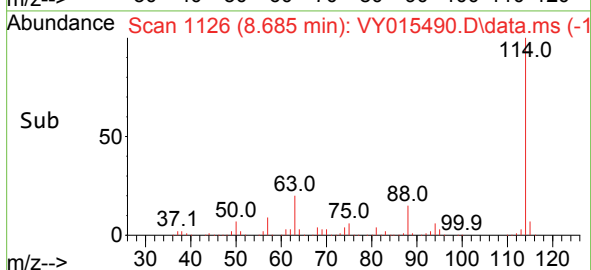
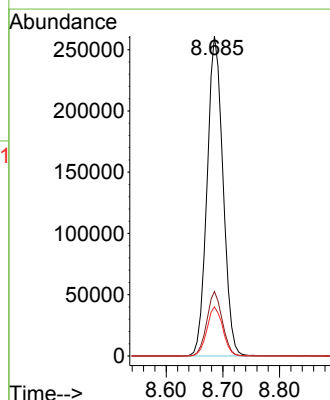
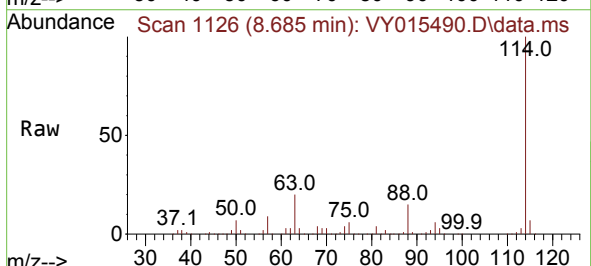
Instrument :
 MSVOA_Y
 ClientSampleId :

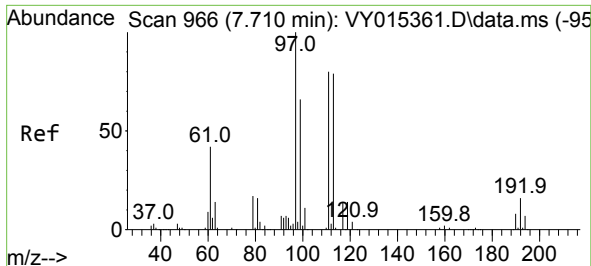
Tgt Ion: 65 Resp: 195613
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015490.D
 Acq: 11 Sep 2023 16:28

Tgt Ion: 114 Resp: 508621
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.3 0.0 30.6

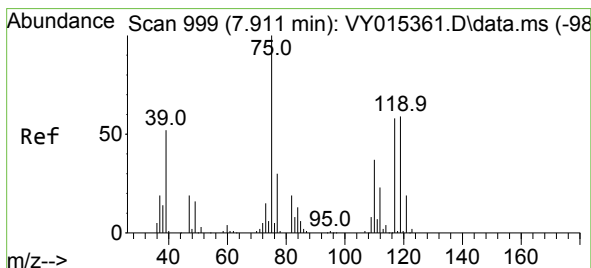
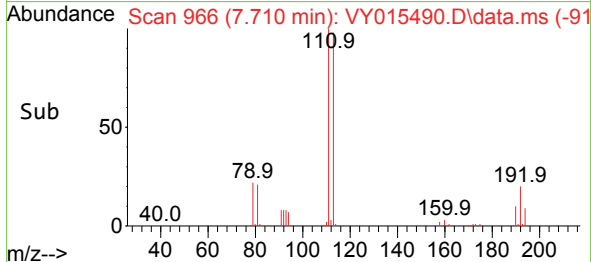
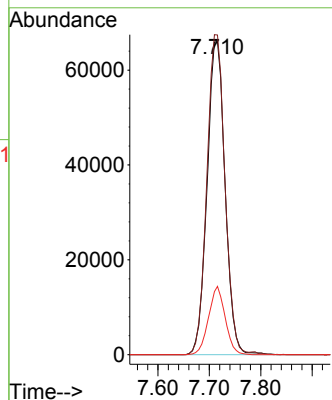
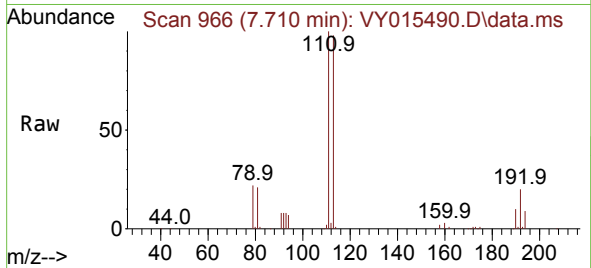




#35
Dibromofluoromethane
Concen: 54.898 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015490.D
Acq: 11 Sep 2023 16:28

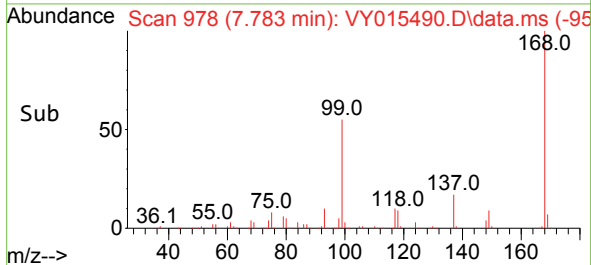
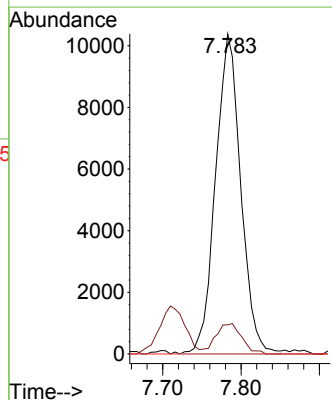
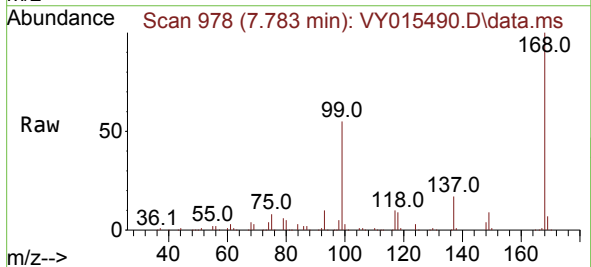
Instrument :
MSVOA_Y
ClientSampleId :

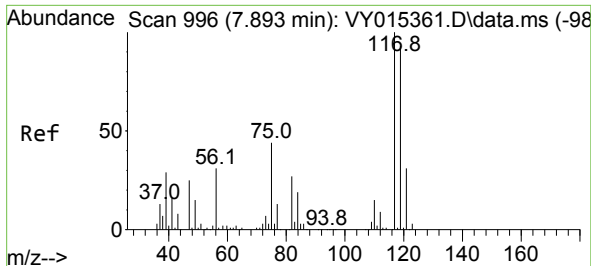
Tgt Ion:113 Resp: 160827
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015490.D
Acq: 11 Sep 2023 16:28

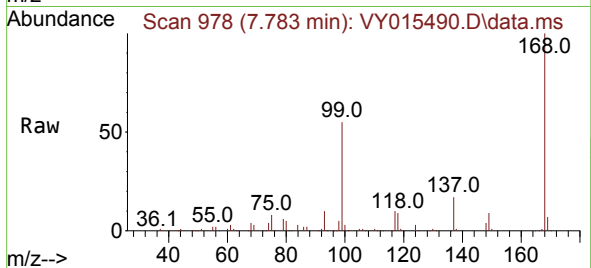
Tgt Ion: 75 Resp: 23192
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



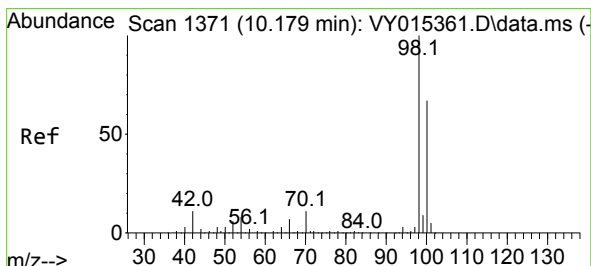
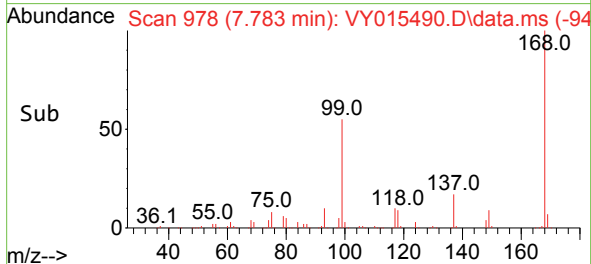
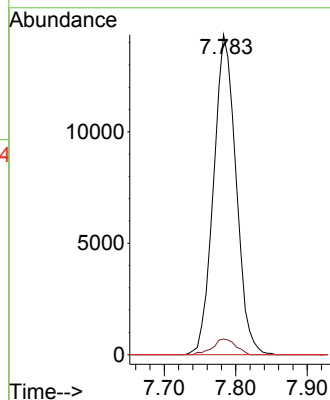


#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015490.D
Acq: 11 Sep 2023 16:28

Instrument :
MSVOA_Y
ClientSampleId :

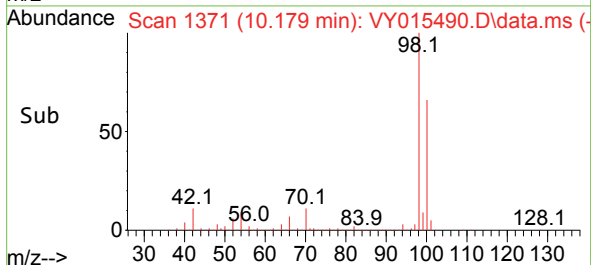
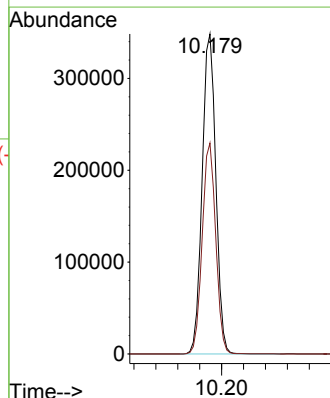
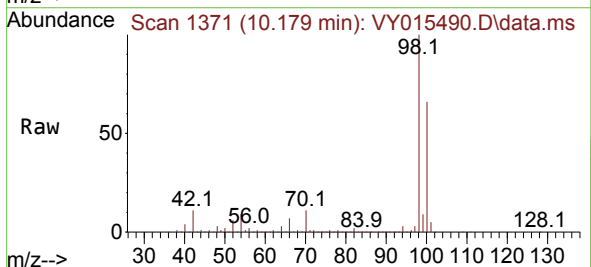


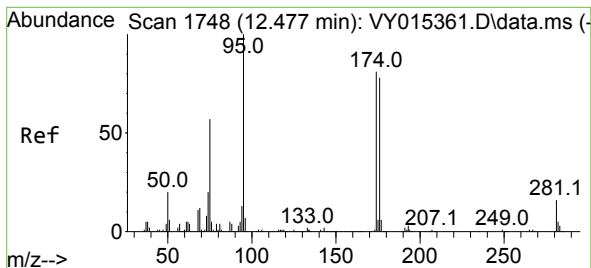
Tgt Ion:117 Resp: 31345
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.643 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015490.D
Acq: 11 Sep 2023 16:28

Tgt Ion: 98 Resp: 600929
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

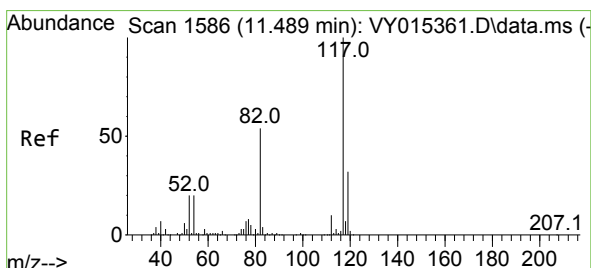
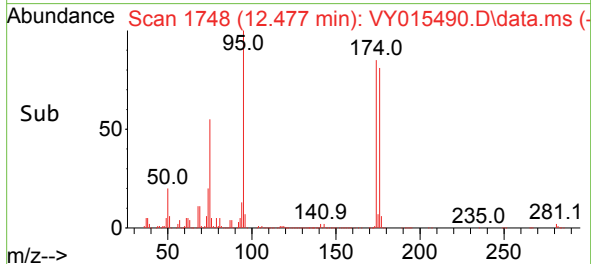
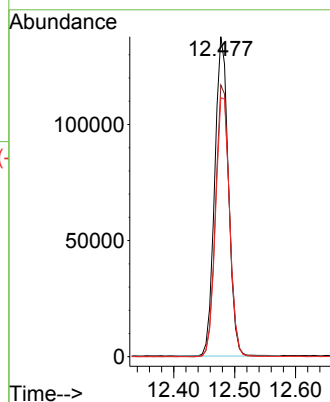
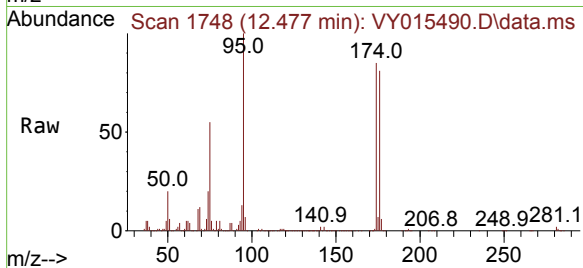




#62
4-Bromofluorobenzene
Concen: 54.469 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015490.D
Acq: 11 Sep 2023 16:28

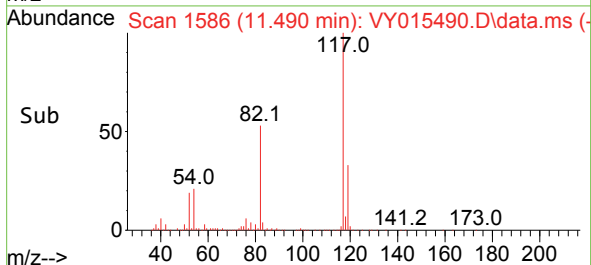
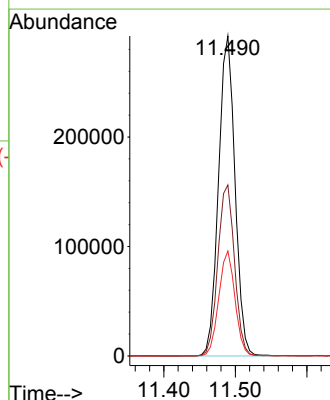
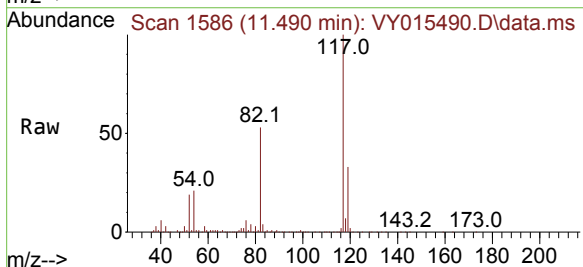
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MSVOA_Y
ClientSampleId :

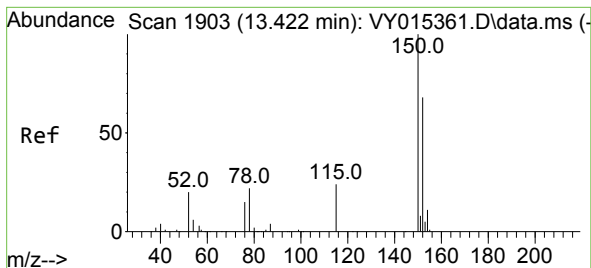
Tgt Ion: 95 Resp: 214522
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015490.D
Acq: 11 Sep 2023 16:28

Tgt Ion: 117 Resp: 467986
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.8 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: VY015490.D

Acq: 11 Sep 2023 16:28

Instrument :

MSVOA_Y

ClientSampleId :

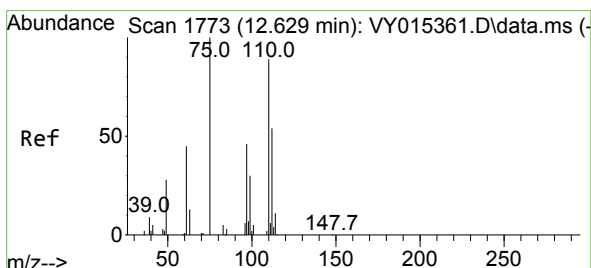
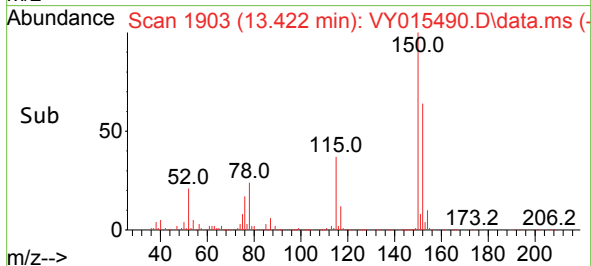
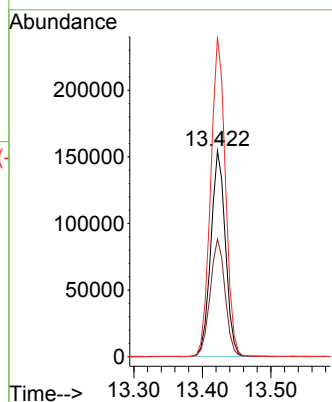
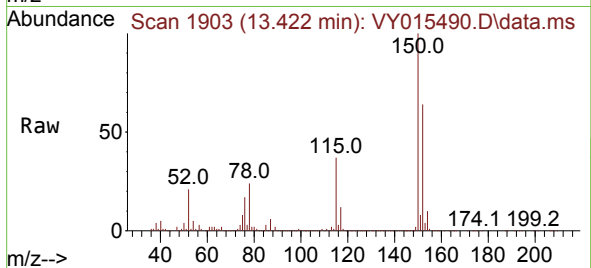
Tgt Ion:152 Resp: 228865

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 157.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.797 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015490.D

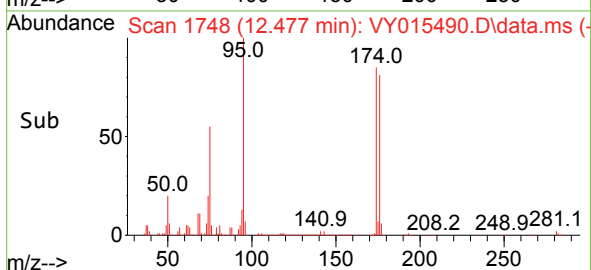
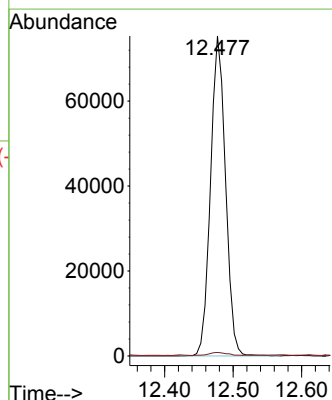
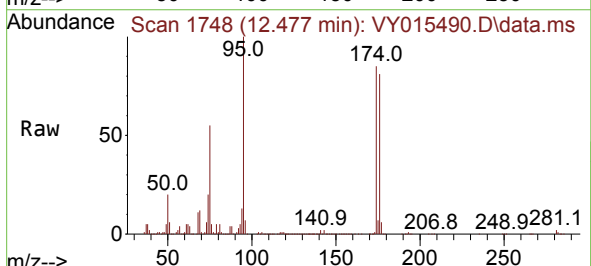
Acq: 11 Sep 2023 16:28

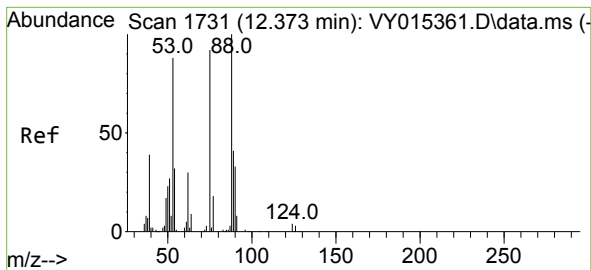
Tgt Ion: 75 Resp: 114713

Ion Ratio Lower Upper

75 100

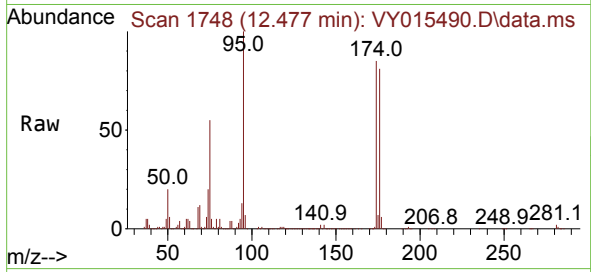
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.376 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015490.D
 Acq: 11 Sep 2023 16:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 114713
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

