

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015520.D
 Acq On : 12 Sep 2023 20:09
 Operator : SY/MD
 Sample : 04394-09
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:57:15 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)

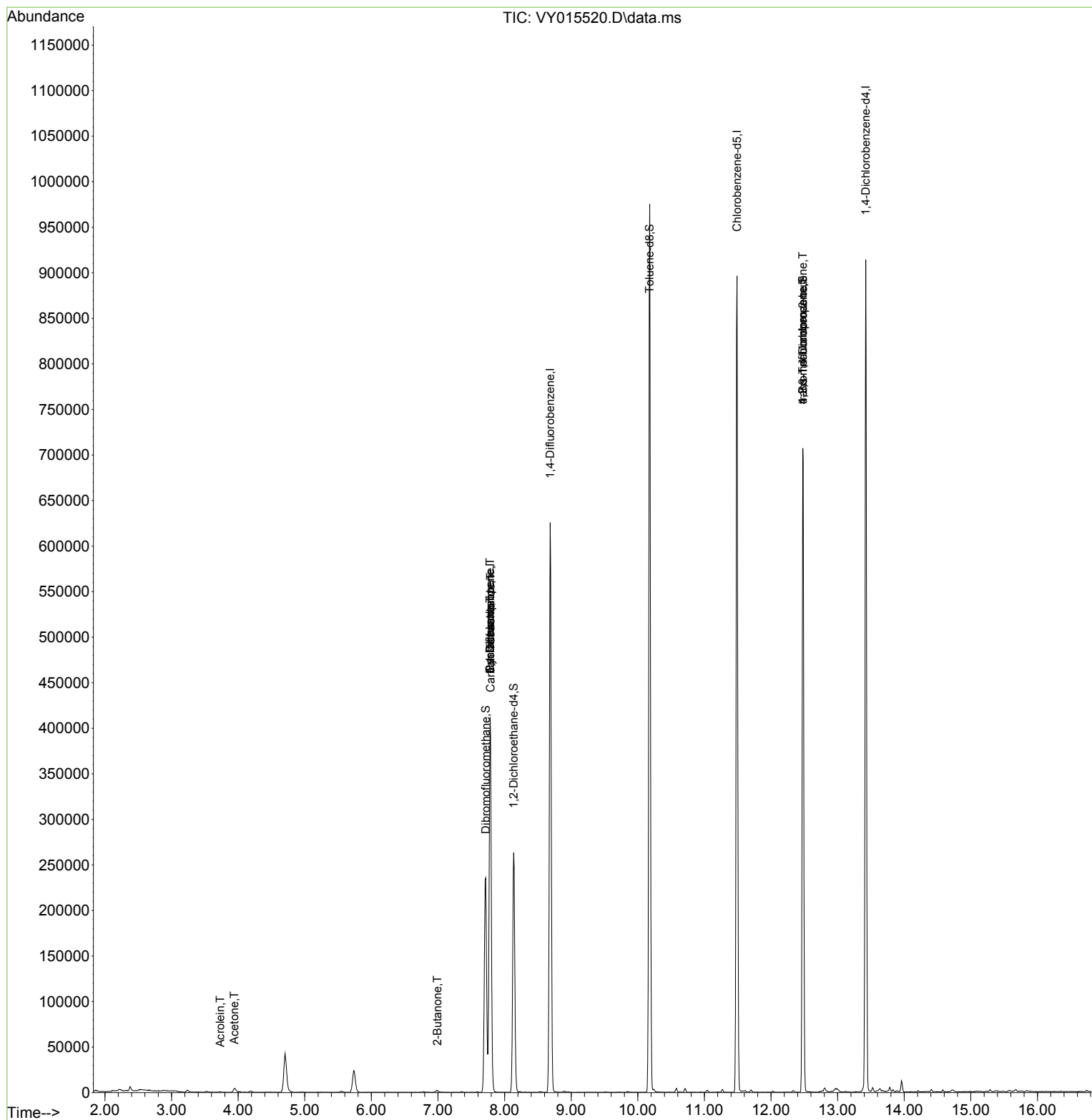
Internal Standards						
1) Pentafluorobenzene	7.782	168	321226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	532244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	485829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	230992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	203176	59.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.000%
35) Dibromofluoromethane	7.715	113	167449	54.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.240%
50) Toluene-d8	10.178	98	622112	56.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.477	95	214112	51.952	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	164	Below Cal	#	89
13) Acrolein	3.728	56	458	12.102	ug/l	91
16) Acetone	3.942	43	7957	5.536	ug/l	97
25) 2-Butanone	6.990	43	2892	1.419	ug/l	# 87
31) Cyclohexane	7.782	56	6683	1.093	ug/l	# 1
36) 1,1-Dichloropropene	7.782	75	23778	4.417	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	32244	5.800	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	115178	37.601	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	115178	82.943	ug/l	# 10

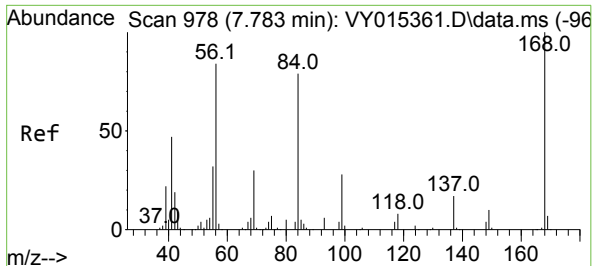
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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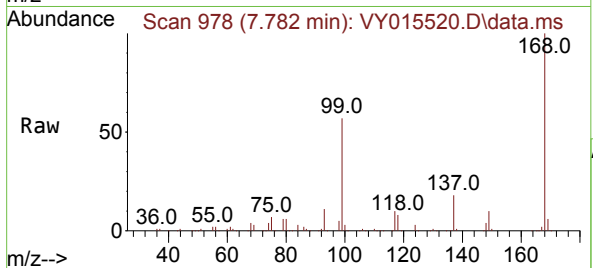
Quant Time: Sep 13 05:57:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
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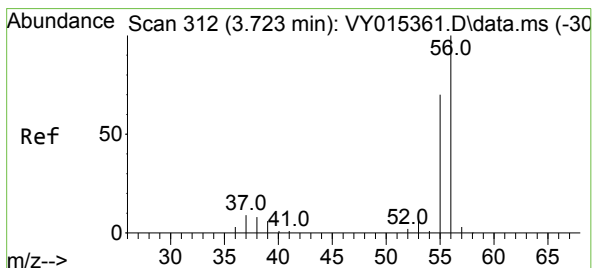
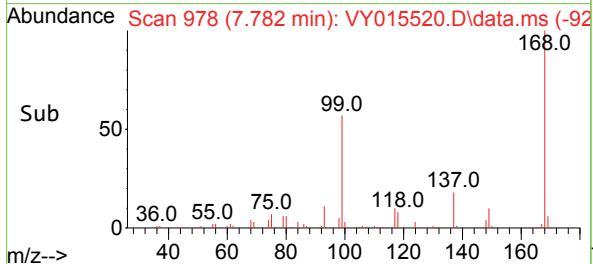
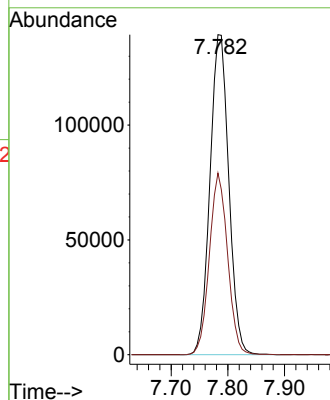


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

Instrument :
MSVOA_Y
ClientSampleId :

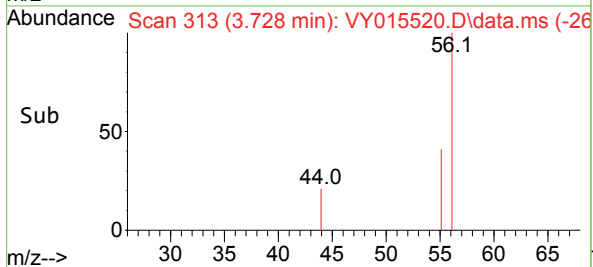
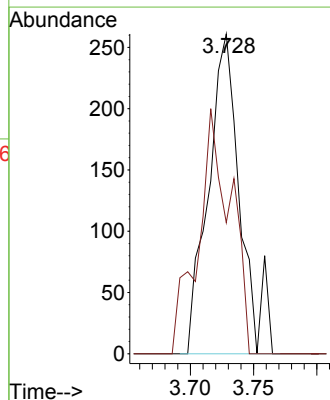
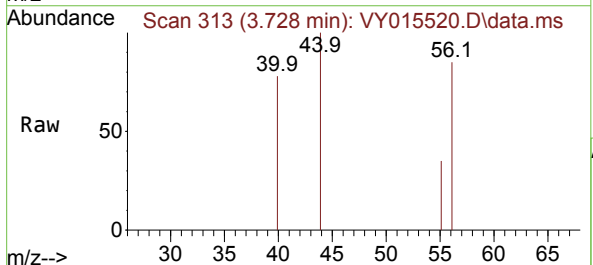


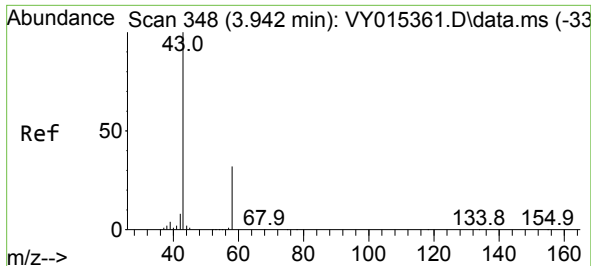
Tgt Ion:168 Resp: 321226
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#13
Acrolein
Concen: 12.102 ug/l
RT: 3.728 min Scan# 313
Delta R.T. 0.005 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

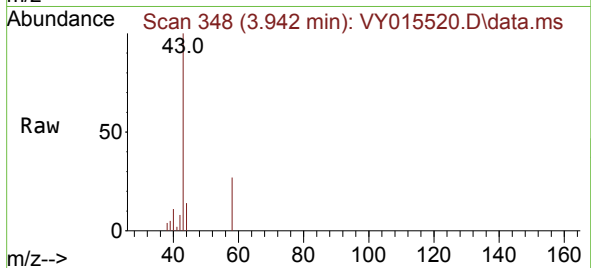
Tgt Ion: 56 Resp: 458
Ion Ratio Lower Upper
56 100
55 78.6 57.0 85.4



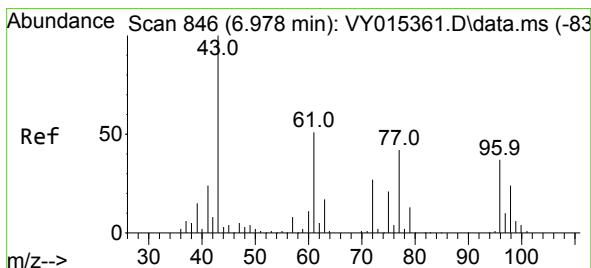
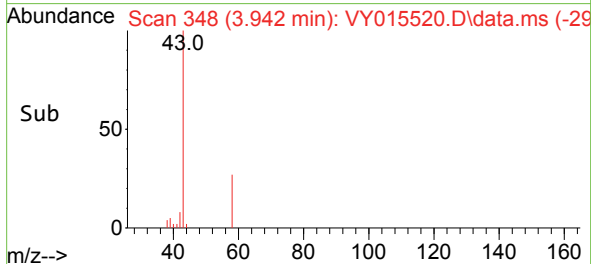
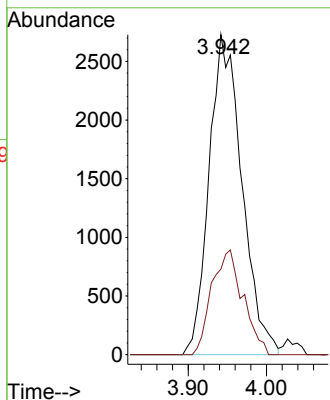


#16
Acetone
Concen: 5.536 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

Instrument :
MSVOA_Y
ClientSampleId :

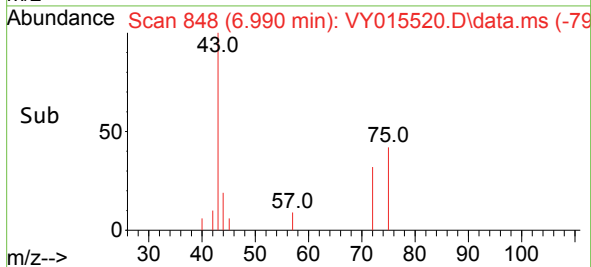
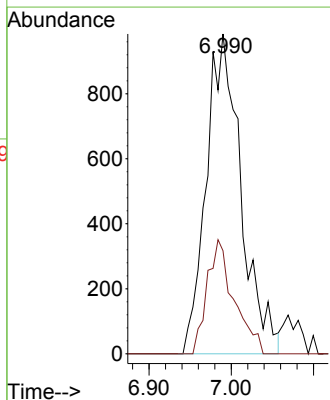
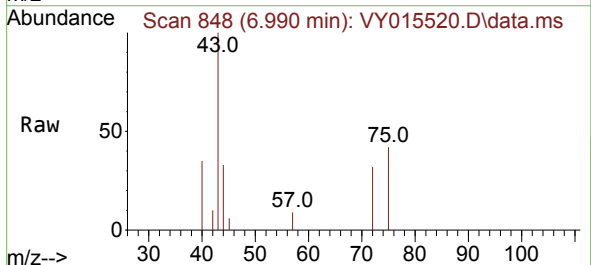


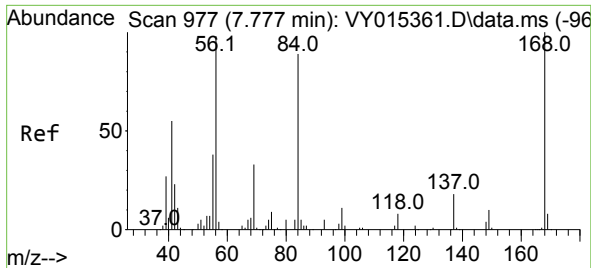
Tgt Ion: 43 Resp: 7957
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1



#25
2-Butanone
Concen: 1.419 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

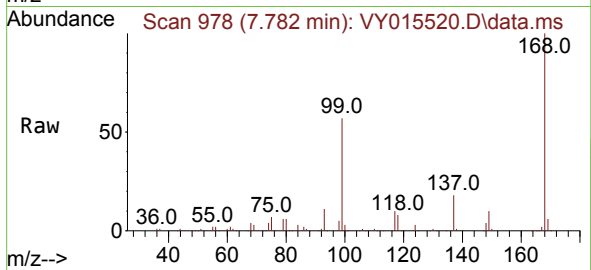
Tgt Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
72 32.2 20.5 30.7#



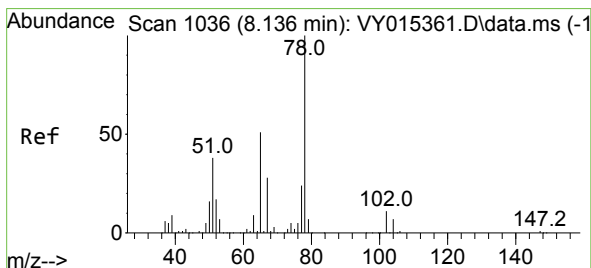
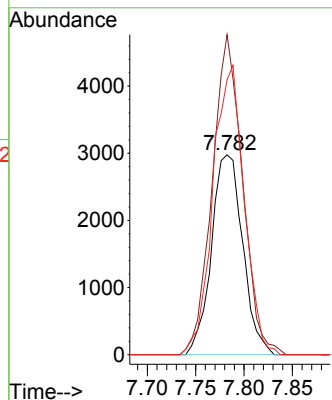
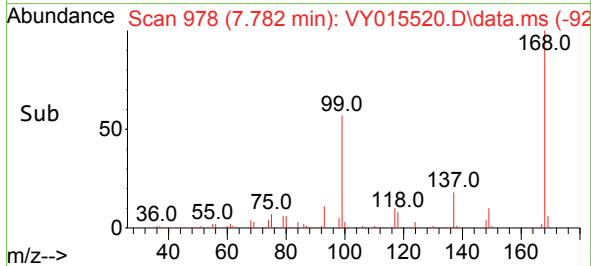


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

Instrument :
MSVOA_Y
ClientSampleId :

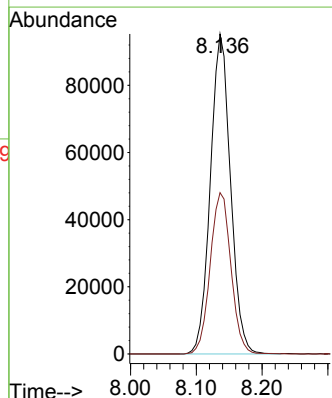
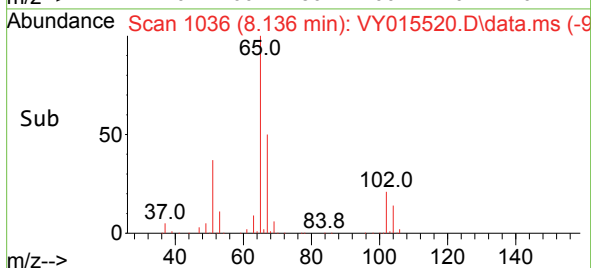
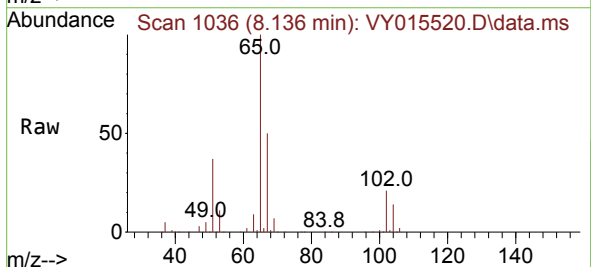


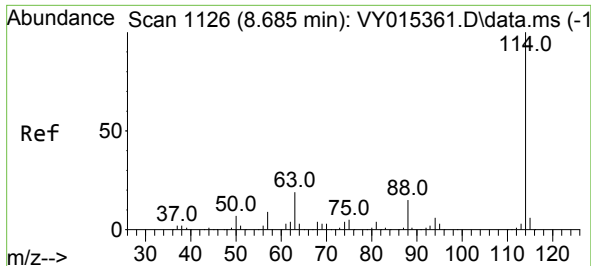
Tgt Ion: 56 Resp: 6683
Ion Ratio Lower Upper
56 100
69 160.1 27.8 41.6#
84 137.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.003 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

Tgt Ion: 65 Resp: 203176
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

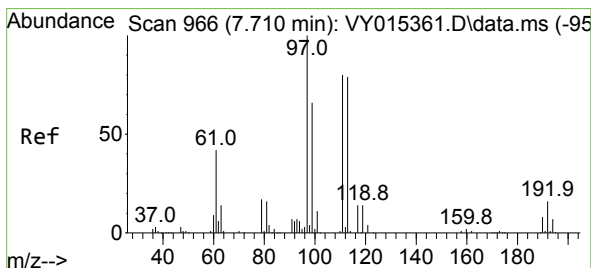
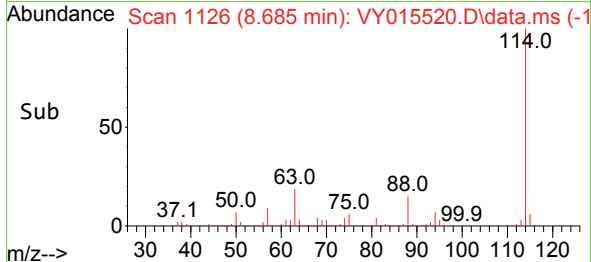
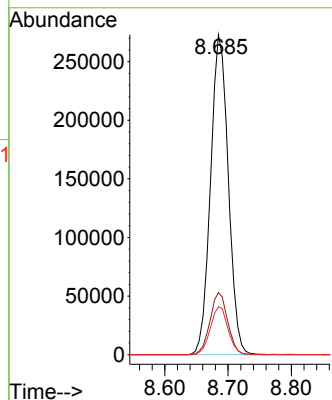
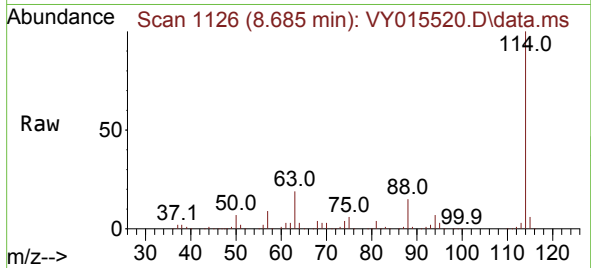




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

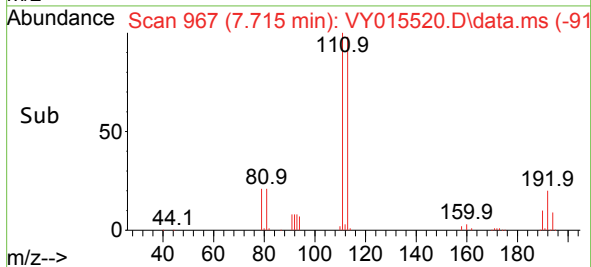
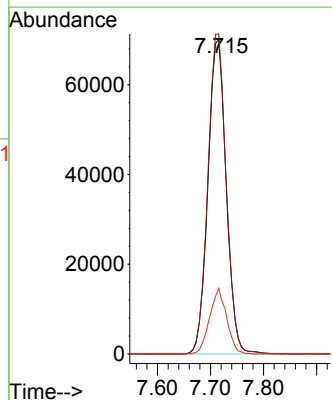
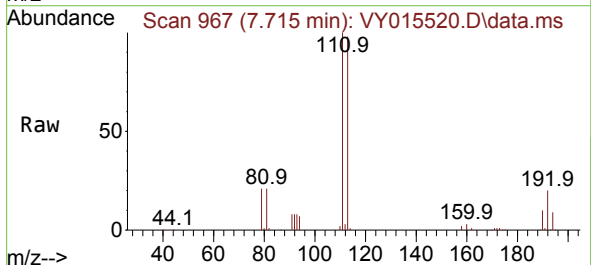
Instrument :
MSVOA_Y
ClientSampleId :

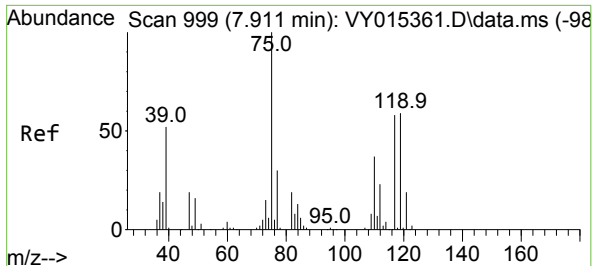
Tgt Ion:114 Resp: 532244
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.622 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

Tgt Ion:113 Resp: 167449
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.417 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.128 min

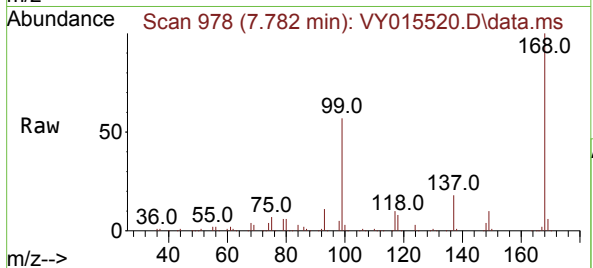
Lab File: VY015520.D

Acq: 12 Sep 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :



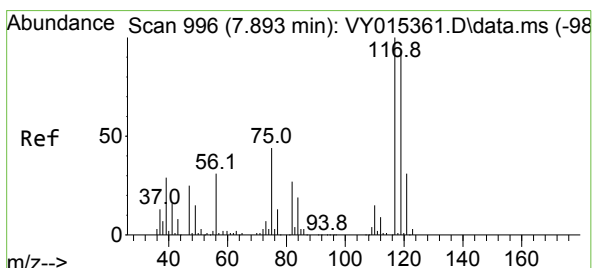
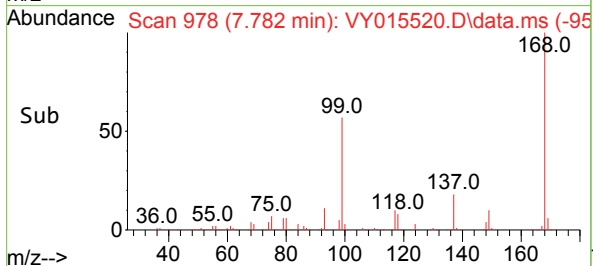
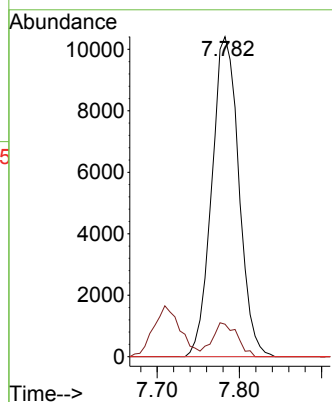
Tgt Ion: 75 Resp: 23778

Ion Ratio Lower Upper

75 100

110 9.7 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.800 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY015520.D

Acq: 12 Sep 2023 20:09

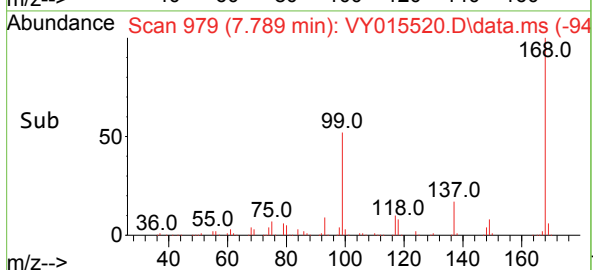
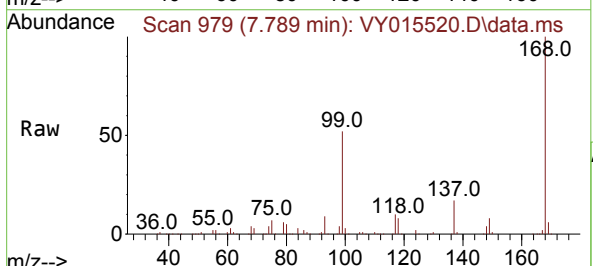
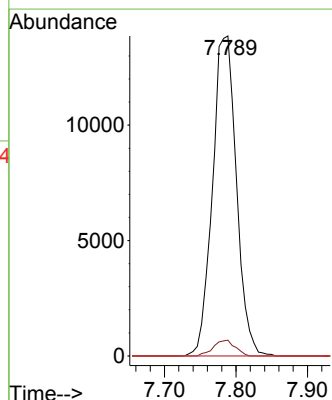
Tgt Ion: 117 Resp: 32244

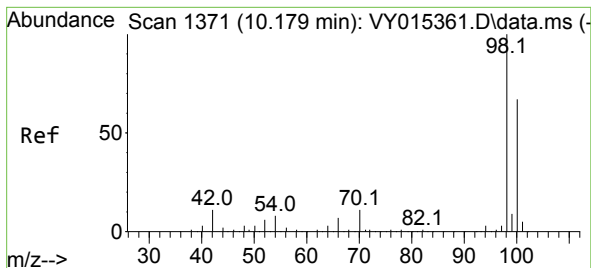
Ion Ratio Lower Upper

117 100

119 5.0 76.4 114.6#

121 0.0 25.8 38.6#

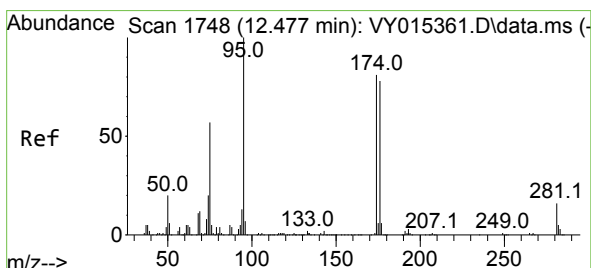
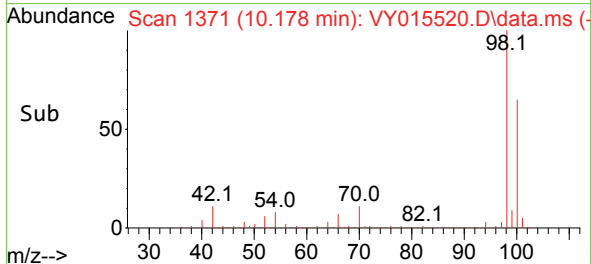
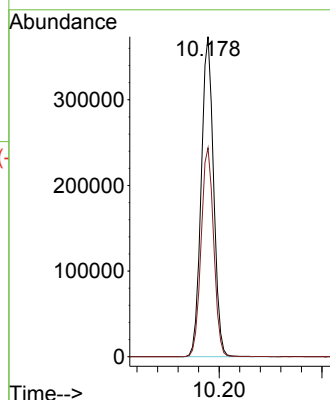
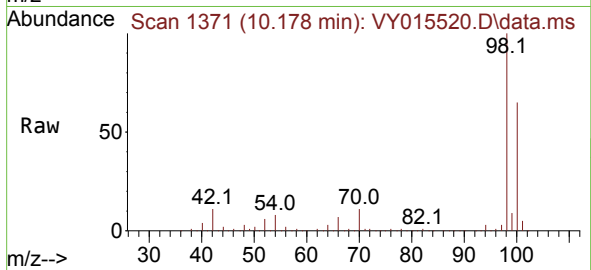




#50
Toluene-d8
Concen: 56.037 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

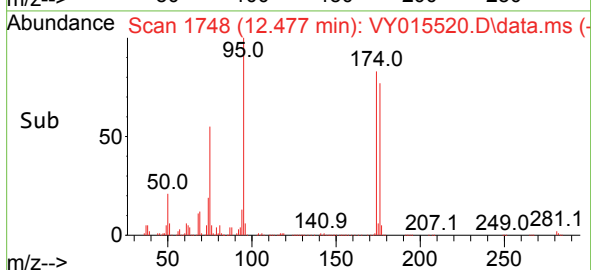
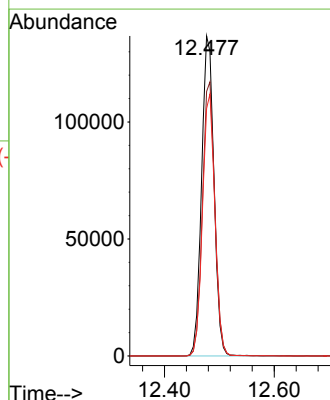
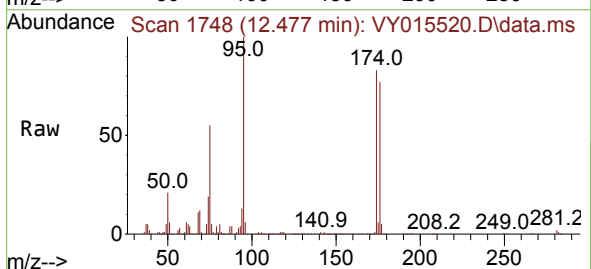
Instrument :
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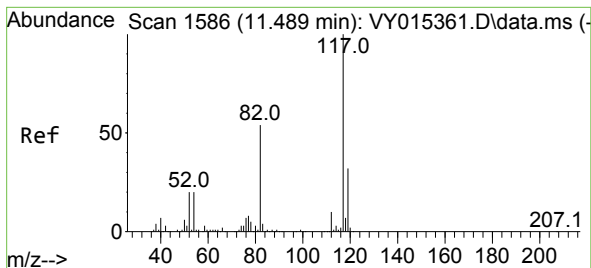
Tgt Ion: 98 Resp: 622112
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.952 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

Tgt Ion: 95 Resp: 214112
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.0 0.0 173.8

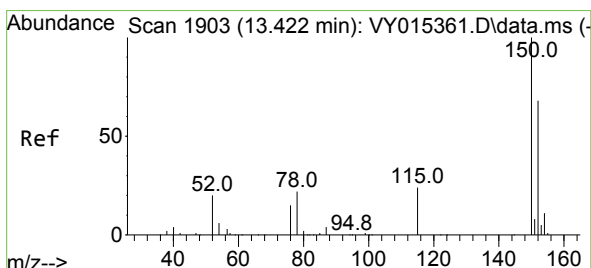
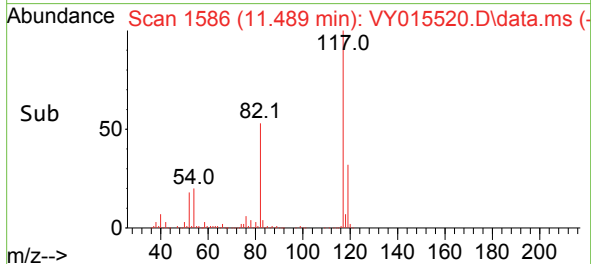
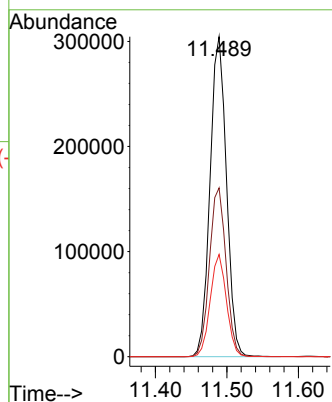
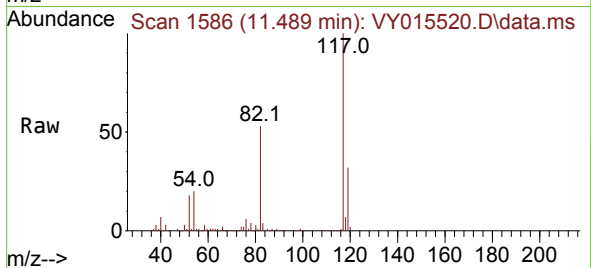




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

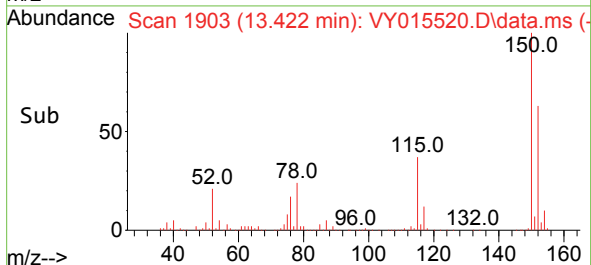
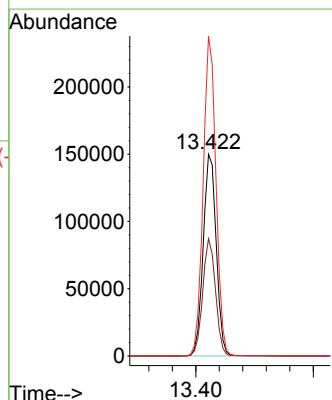
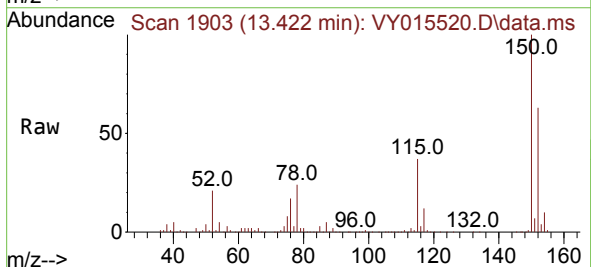
Instrument :
MSVOA_Y
ClientSampleId :

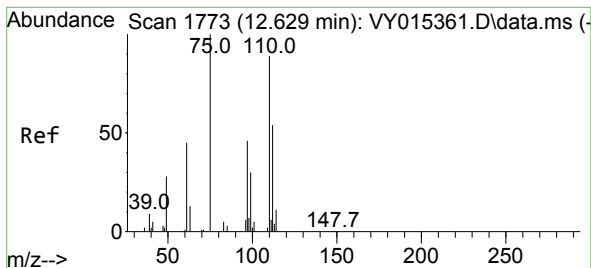
Tgt Ion:117 Resp: 485829
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015520.D
Acq: 12 Sep 2023 20:09

Tgt Ion:152 Resp: 230992
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 155.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 37.601 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY015520.D

Acq: 12 Sep 2023 20:09

Instrument :

MSVOA_Y

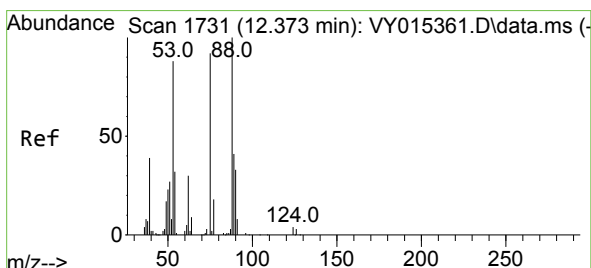
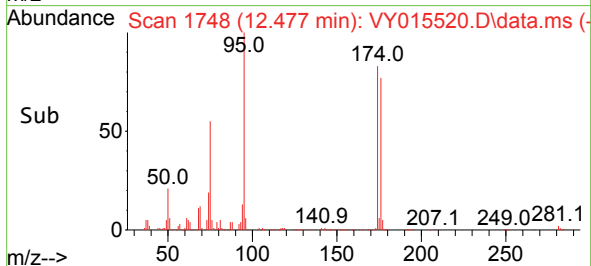
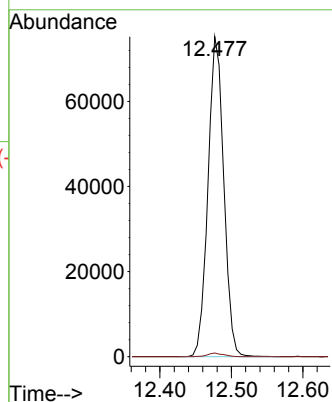
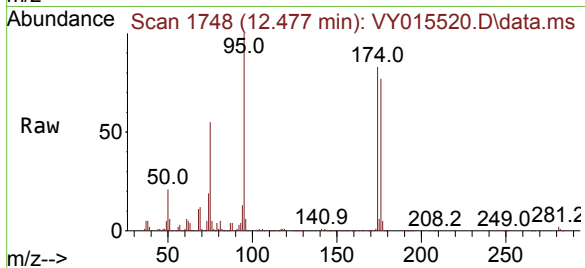
ClientSampleId :

Tgt Ion: 75 Resp: 115178

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.943 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY015520.D

Acq: 12 Sep 2023 20:09

Tgt Ion: 75 Resp: 115178

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

