

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015590.D
 Acq On : 16 Sep 2023 00:26
 Operator : SY/MD
 Sample : 04419-02
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 01:23:50 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)

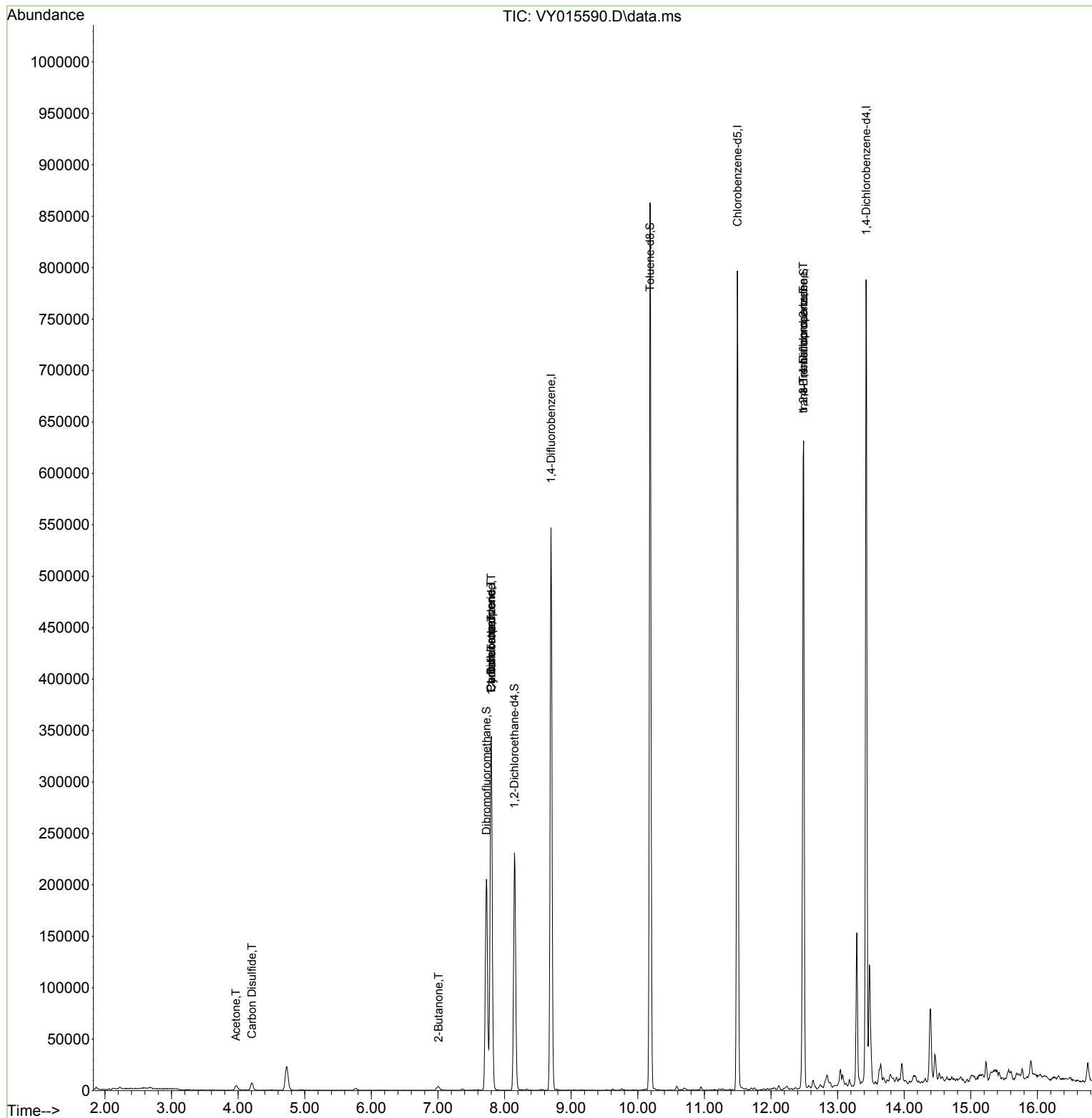
Internal Standards						
1) Pentafluorobenzene	7.801	168	270831	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	464132	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	426239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	176459	60.779	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.728	113	146259	54.711	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.185	98	544213	56.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.420%	
62) 4-Bromofluorobenzene	12.489	95	189293	52.670	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.340%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	122	Below Cal	#	89
16) Acetone	3.967	43	9485	7.827	ug/l	91
17) Carbon Disulfide	4.204	76	14453	1.796	ug/l #	94
20) Methylene Chloride	4.729	84	18064	Below Cal		92
25) 2-Butanone	7.009	43	3342	1.944	ug/l	97
31) Cyclohexane	7.801	56	5524	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	20965	4.466	ug/l #	50
38) Carbon Tetrachloride	7.801	117	26906	5.550	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	100612	38.352	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	100612	84.600	ug/l #	10

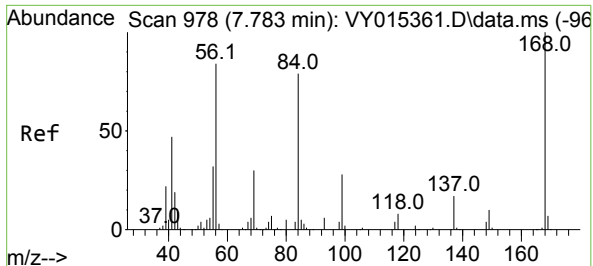
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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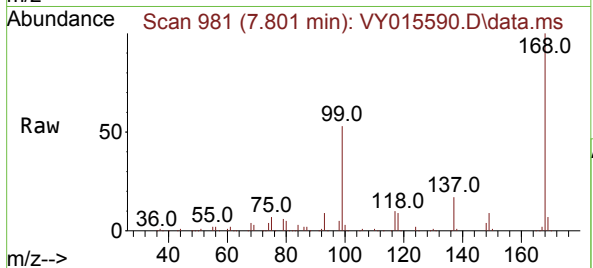
Quant Time: Sep 16 01:23:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



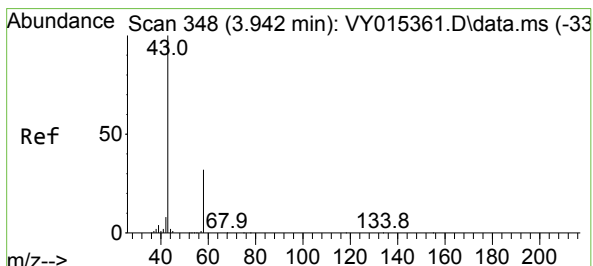
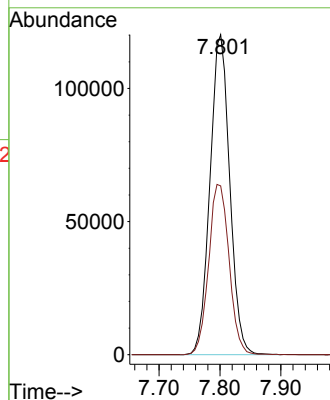
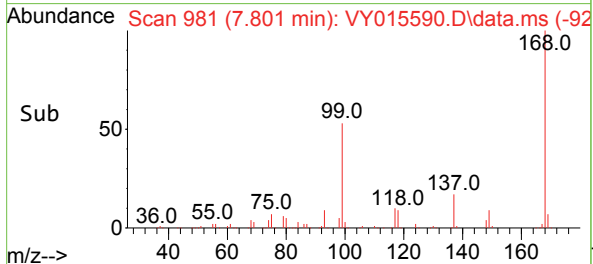


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Instrument :
MSVOA_Y
ClientSampleId :

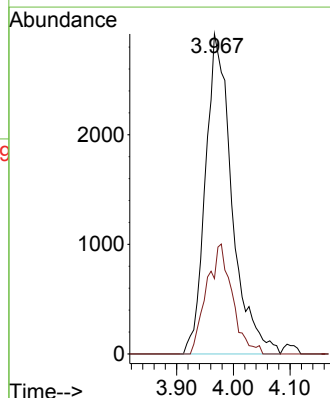
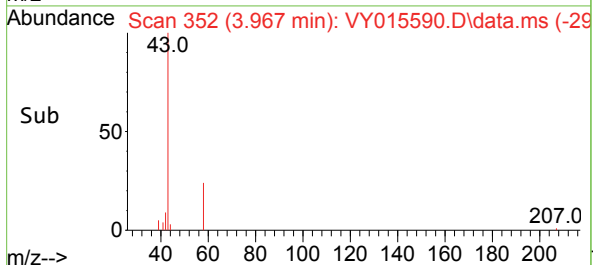
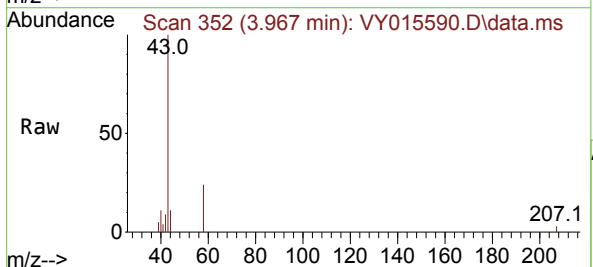


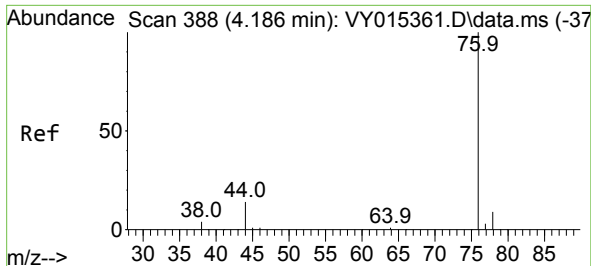
Tgt Ion:168 Resp: 270831
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#16
Acetone
Concen: 7.827 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Tgt Ion: 43 Resp: 9485
Ion Ratio Lower Upper
43 100
58 23.5 22.7 34.1





#17

Carbon Disulfide

Concen: 1.796 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.018 min

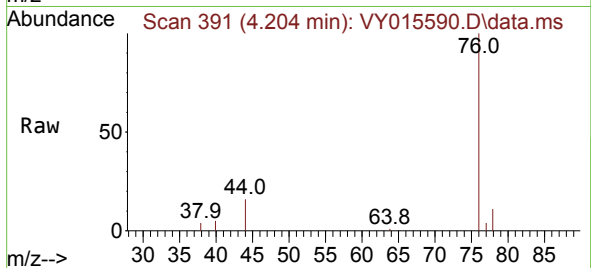
Lab File: VY015590.D

Acq: 16 Sep 2023 00:26

Instrument :

MSVOA_Y

ClientSampleId :

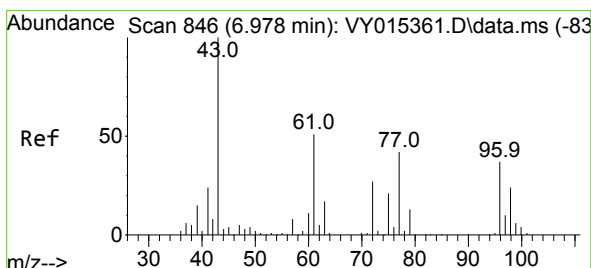
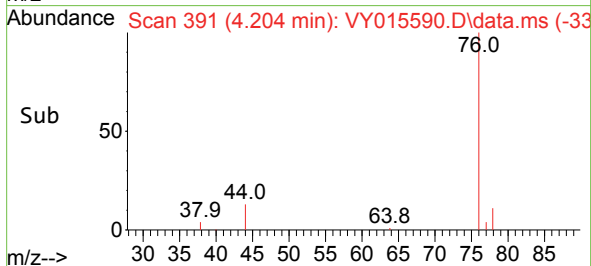
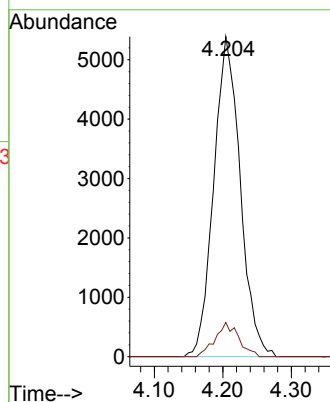


Tgt Ion: 76 Resp: 14453

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.4#



#25

2-Butanone

Concen: 1.944 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.031 min

Lab File: VY015590.D

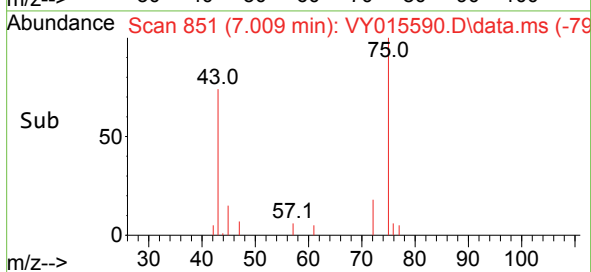
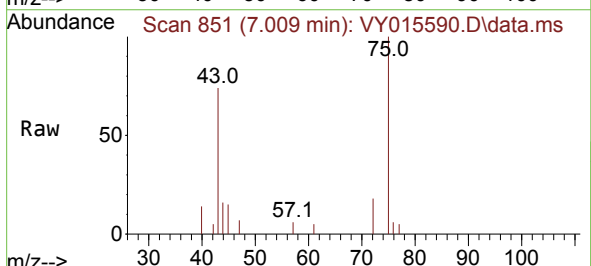
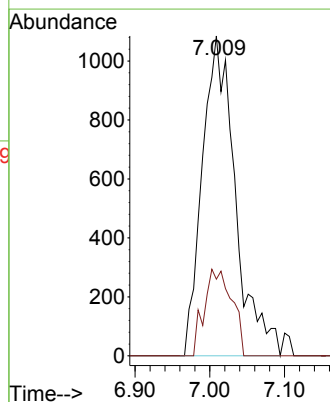
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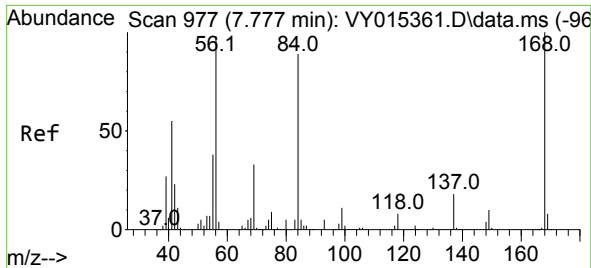
Tgt Ion: 43 Resp: 3342

Ion Ratio Lower Upper

43 100

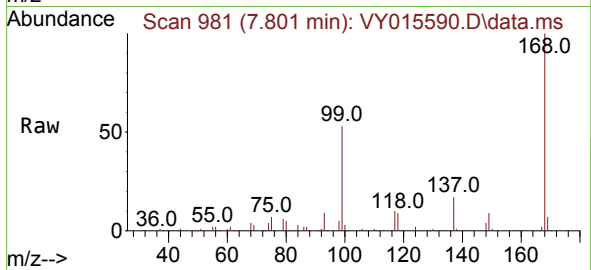
72 24.0 20.5 30.7



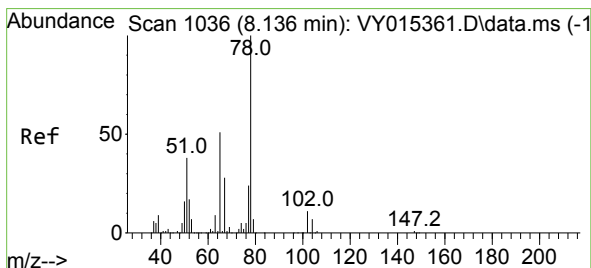
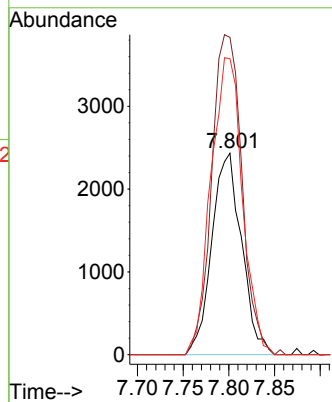
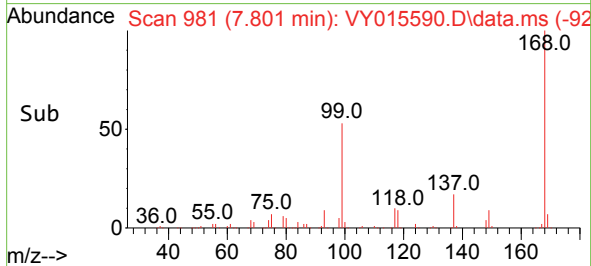


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Instrument :
MSVOA_Y
ClientSampleId :

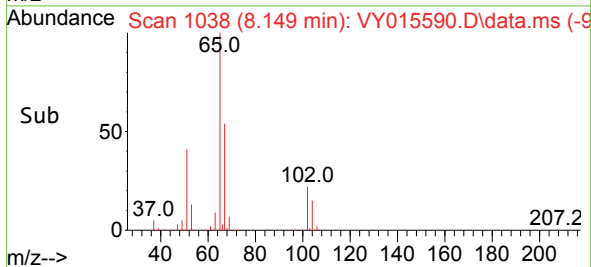
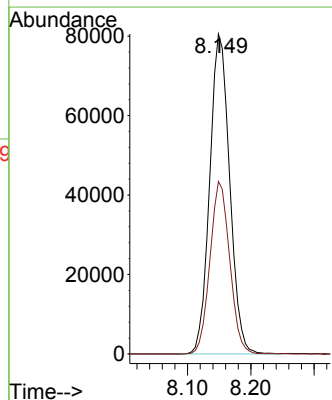
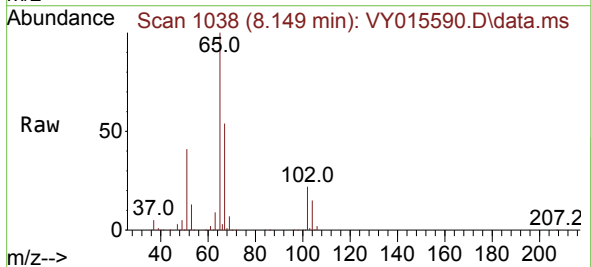


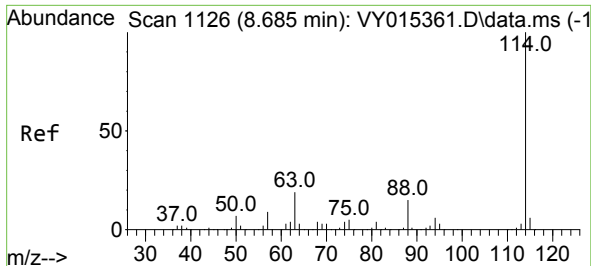
Tgt Ion: 56 Resp: 5524
Ion Ratio Lower Upper
56 100
69 157.5 27.8 41.6#
84 146.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.779 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Tgt Ion: 65 Resp: 176459
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY015590.D

Acq: 16 Sep 2023 00:26

Instrument :

MSVOA_Y

ClientSampleId :

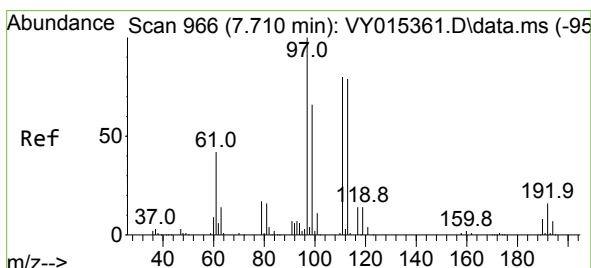
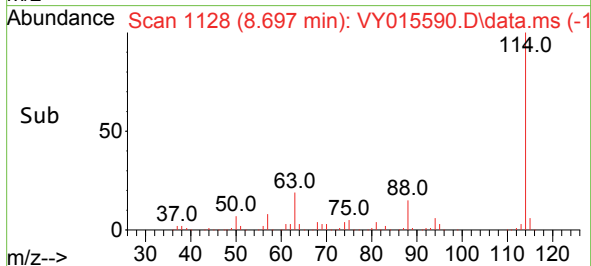
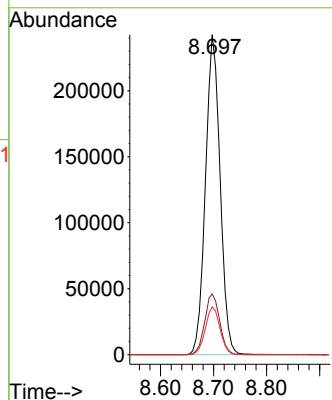
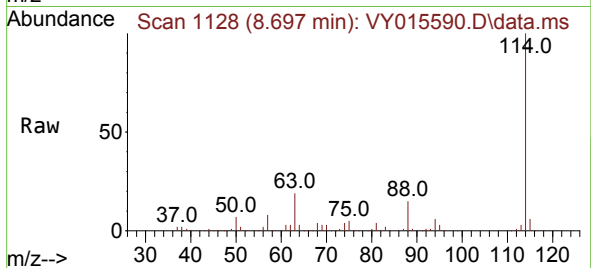
Tgt Ion:114 Resp: 464132

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.711 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015590.D

Acq: 16 Sep 2023 00:26

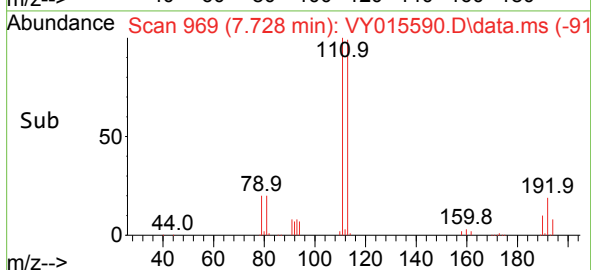
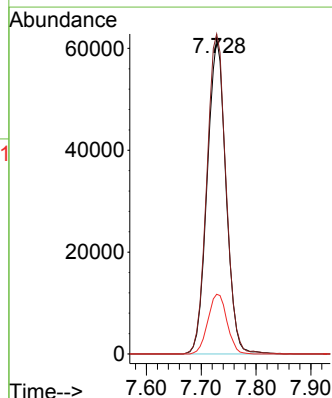
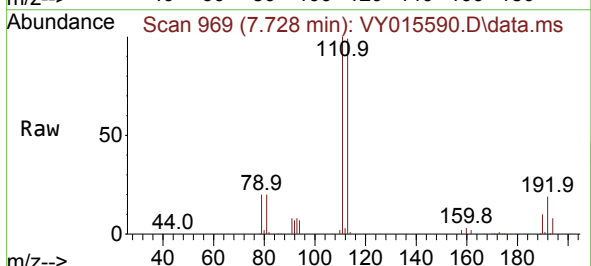
Tgt Ion:113 Resp: 146259

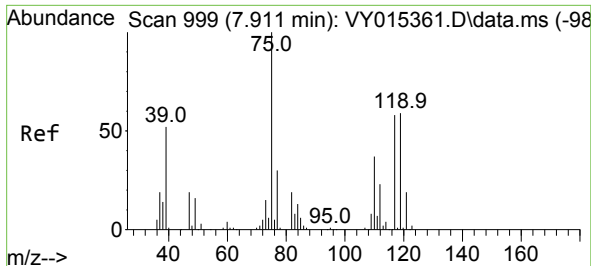
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 19.3 16.9 25.3

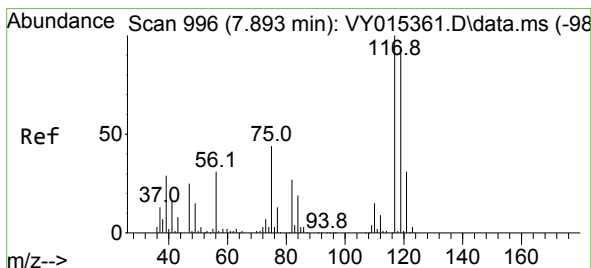
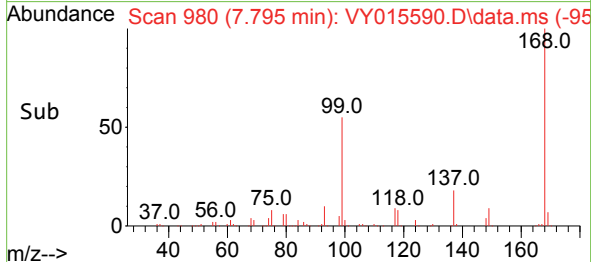
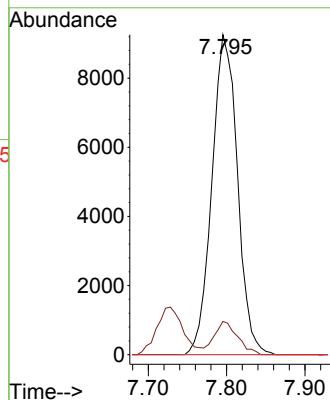
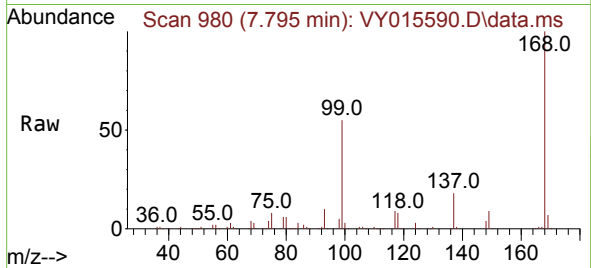




#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

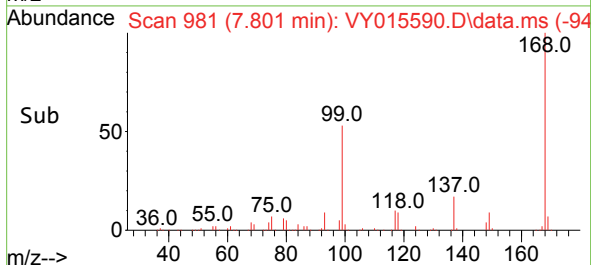
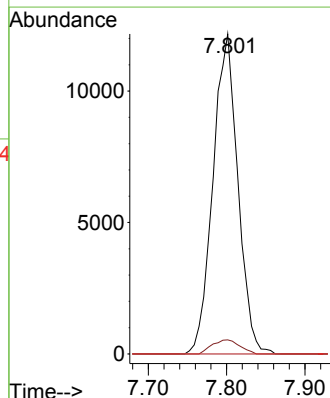
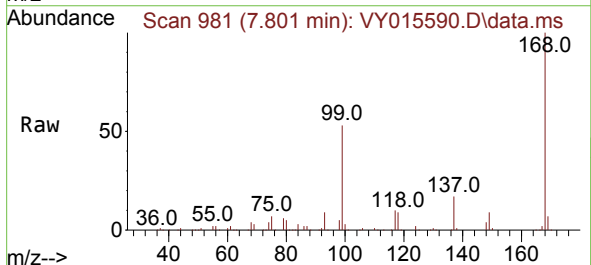
Instrument :
MSVOA_Y
ClientSampleId :

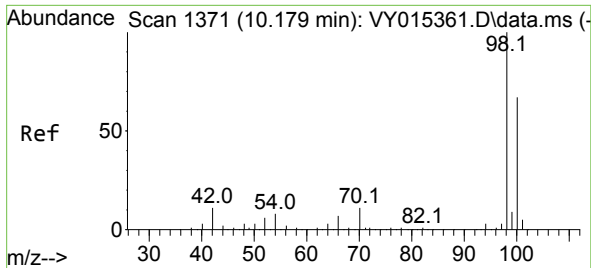
Tgt Ion: 75 Resp: 20965
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.550 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.091 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Tgt Ion: 117 Resp: 26906
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

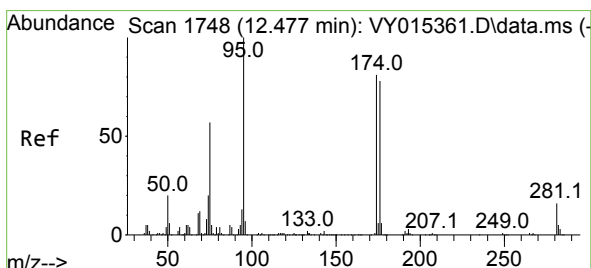
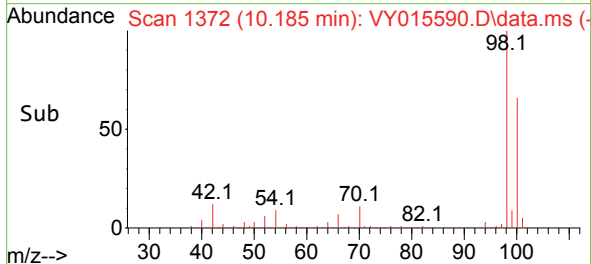
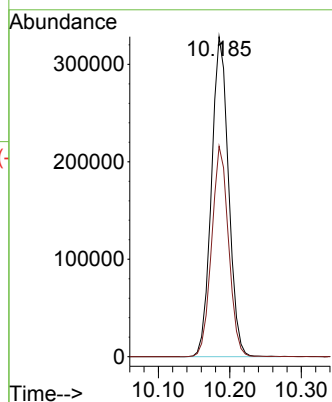
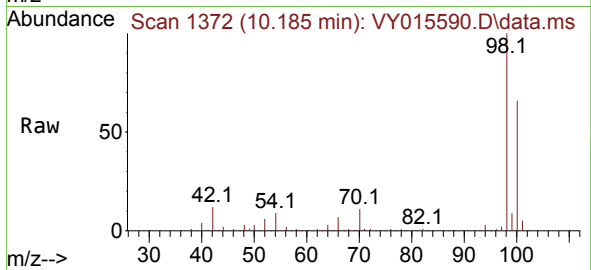




#50
Toluene-d8
Concen: 56.214 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

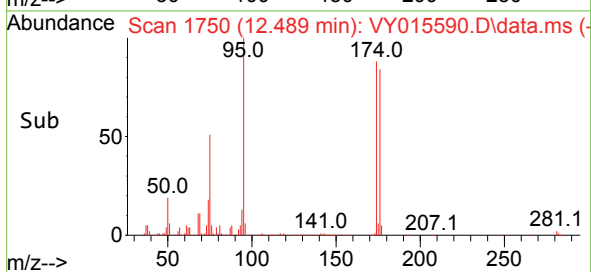
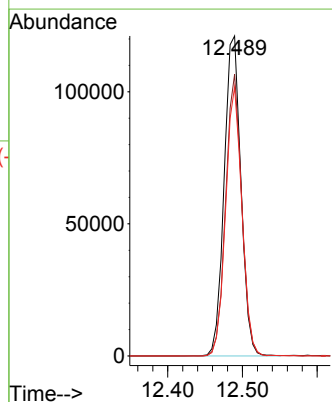
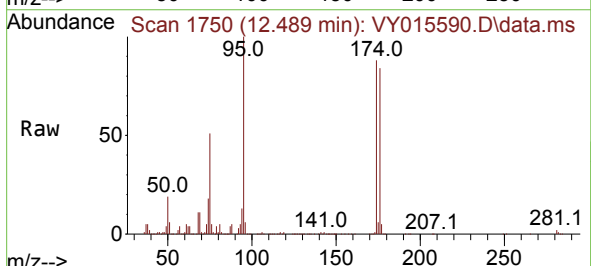
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MSVOA_Y
ClientSampleId :

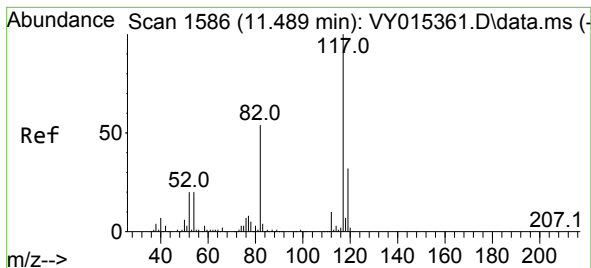
Tgt Ion: 98 Resp: 544213
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.670 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Tgt Ion: 95 Resp: 189293
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015590.D

Acq: 16 Sep 2023 00:26

Instrument :

MSVOA_Y

ClientSampleId :

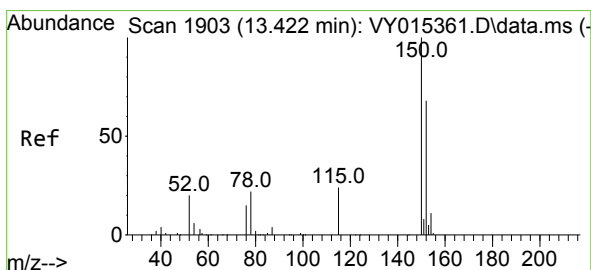
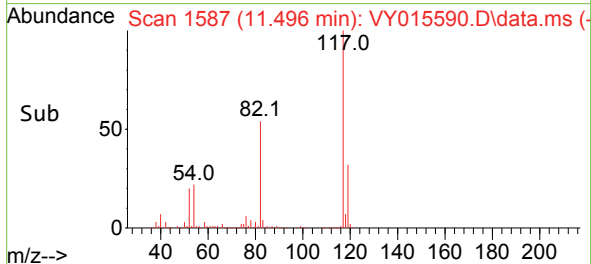
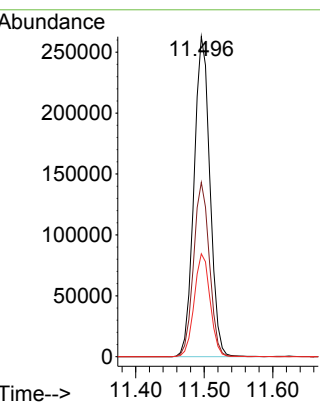
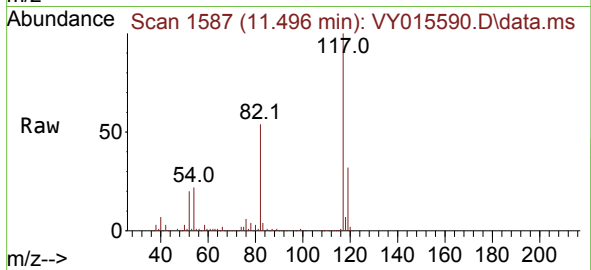
Tgt Ion:117 Resp: 426239

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015590.D

Acq: 16 Sep 2023 00:26

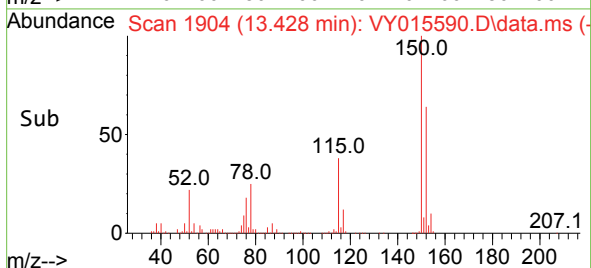
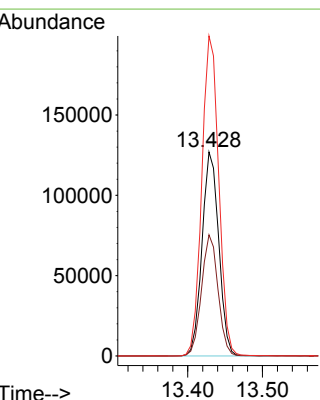
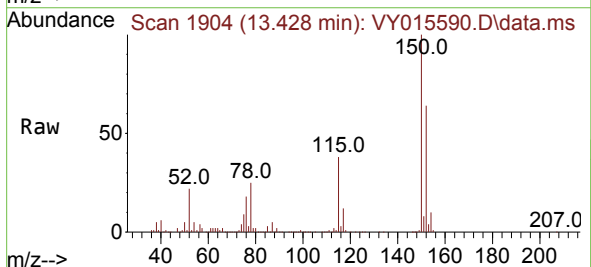
Tgt Ion:152 Resp: 197827

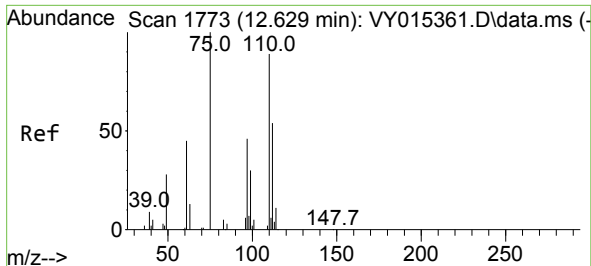
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 159.0 0.0 348.8

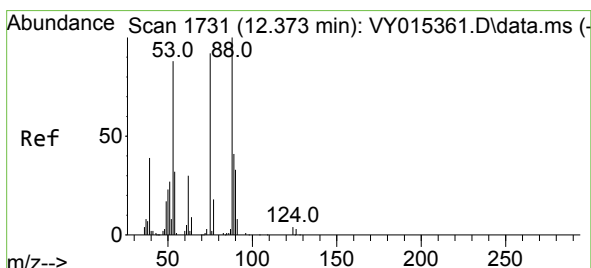
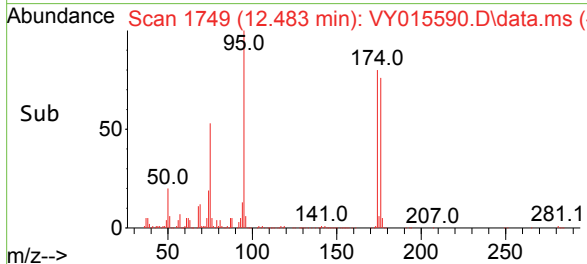
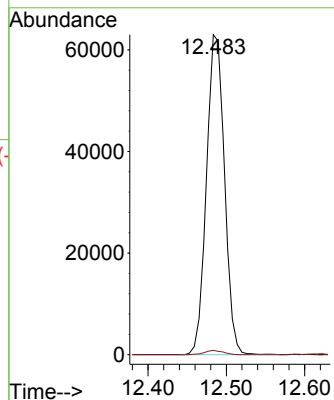
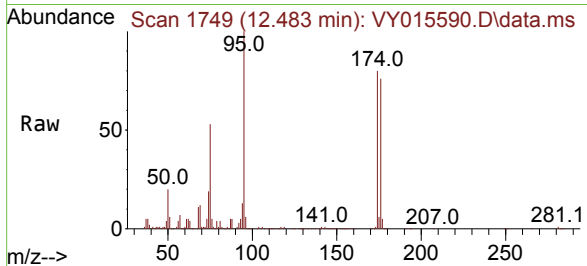




#76
1,2,3-Trichloropropane
Concen: 38.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 100612
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015590.D
Acq: 16 Sep 2023 00:26

Tgt Ion: 75 Resp: 100612
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

