

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015450.D
 Acq On : 06 Sep 2023 15:20
 Operator : SY/MD
 Sample : 04299-07
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-7.0-7.5

Quant Time: Sep 06 16:28:34 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)

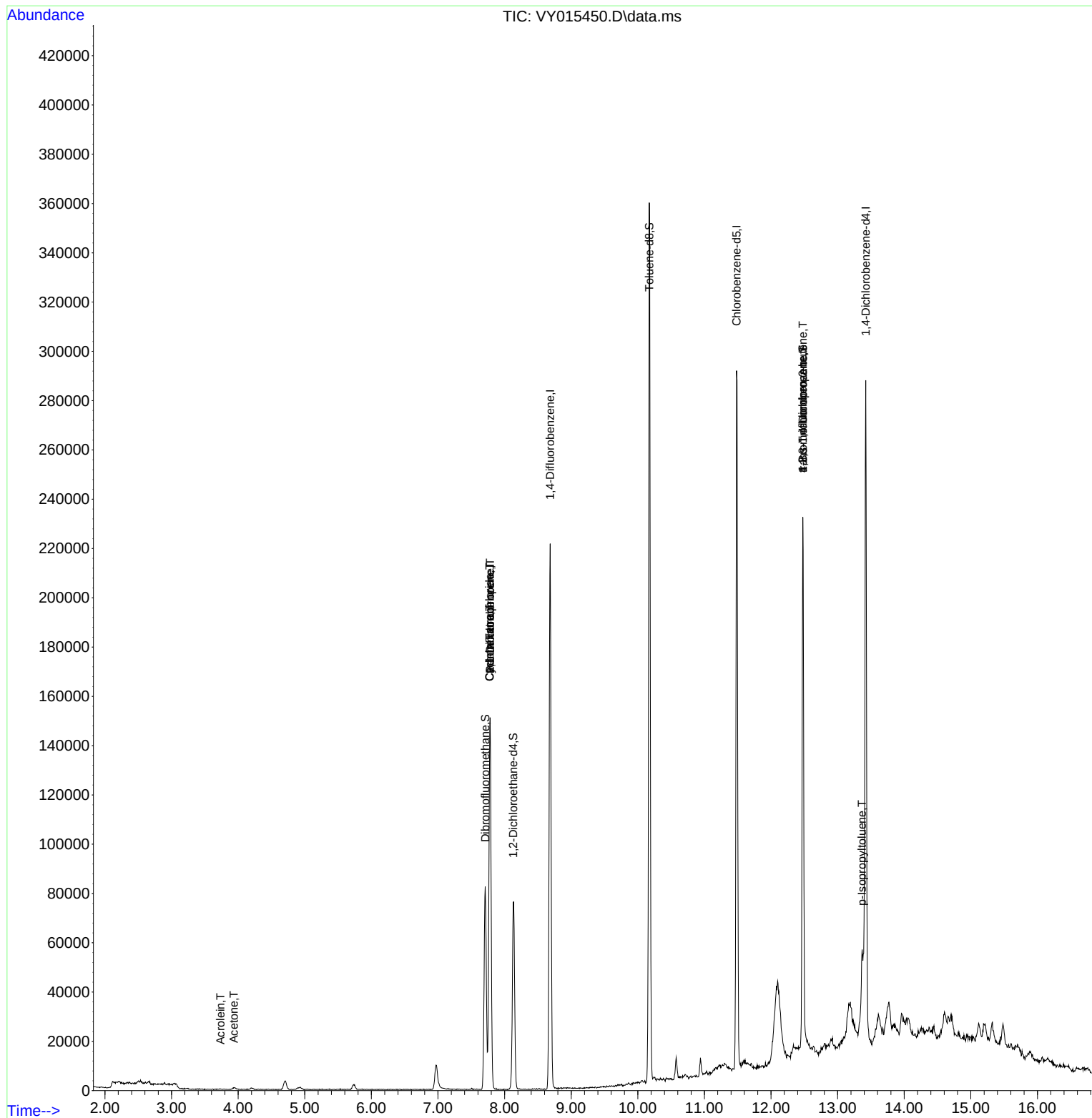
Internal Standards						
1) Pentafluorobenzene	7.783	168	117692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	189025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	158712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60863	48.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.710	113	58252	53.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.173	98	224778	57.011	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.020%
62) 4-Bromofluorobenzene	12.477	95	62729	42.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1319	Below Cal	#	89
13) Acrolein	3.735	56	20	11.700	ug/l #	14
16) Acetone	3.936	43	1620	3.076	ug/l #	78
20) Methylene Chloride	4.698	84	2774	Below Cal	#	83
31) Cyclohexane	7.777	56	2610	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9384	4.909	ug/l #	49
38) Carbon Tetrachloride	7.777	117	11681	5.916	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	35130	41.377	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35130	91.273	ug/l #	11
86) p-Isopropyltoluene	13.367	119	10056	2.283	ug/l #	71

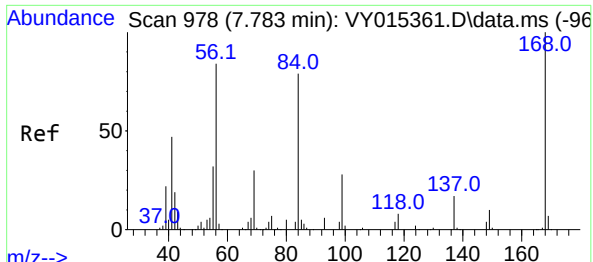
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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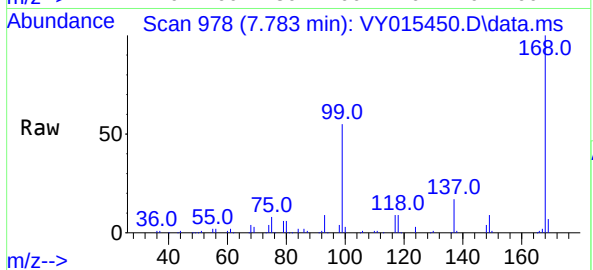
Quant Time: Sep 06 16:28:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



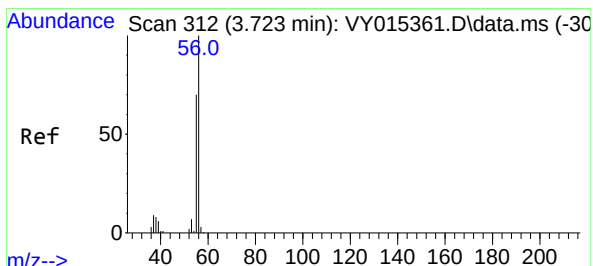
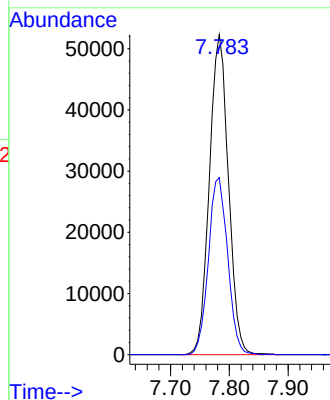
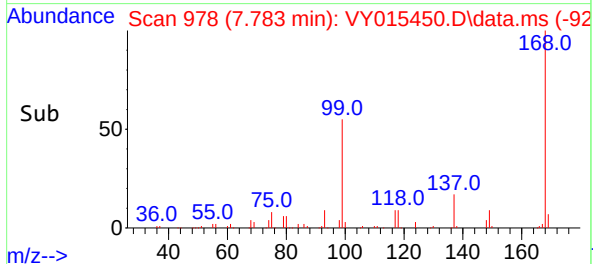


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-7.0-7.5

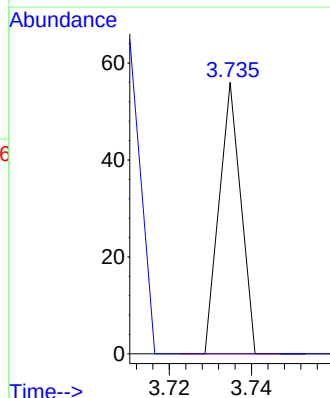
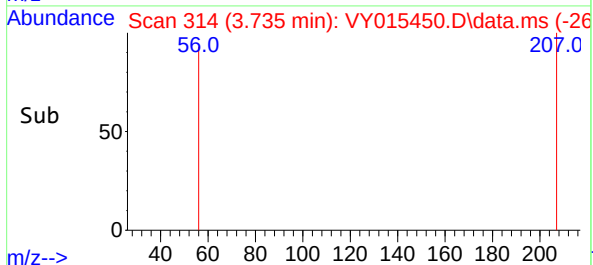
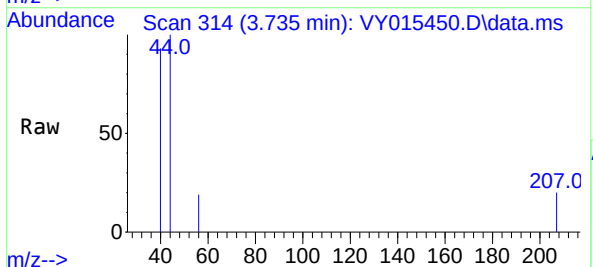


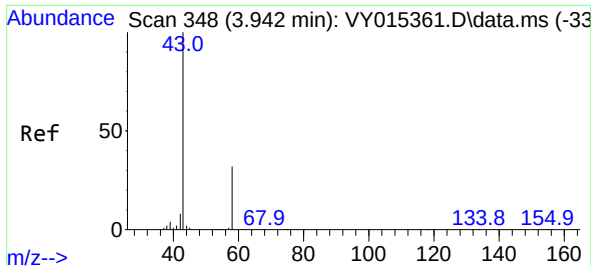
Tgt Ion:168 Resp: 117692
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#13
Acrolein
Concen: 11.700 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

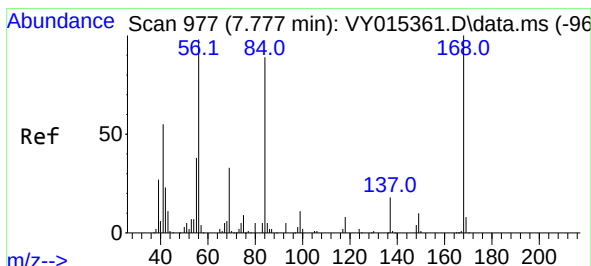
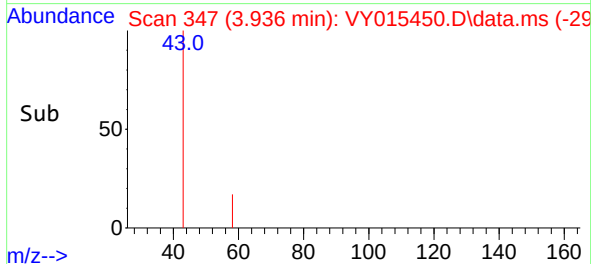
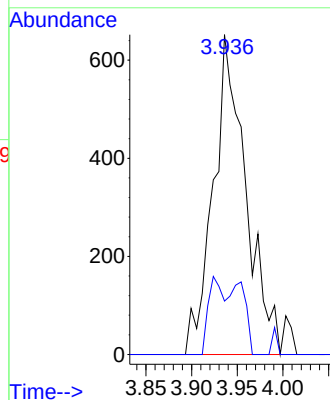
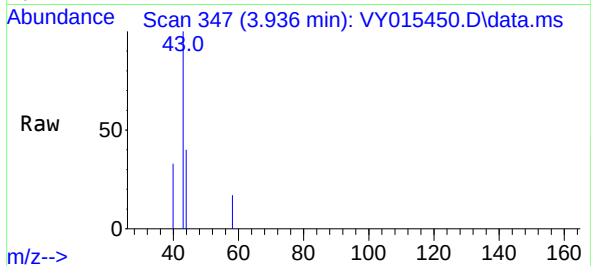




#16
Acetone
Concen: 3.076 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

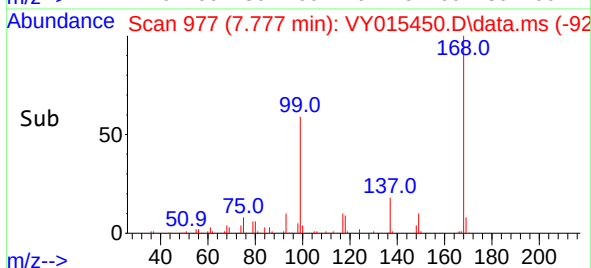
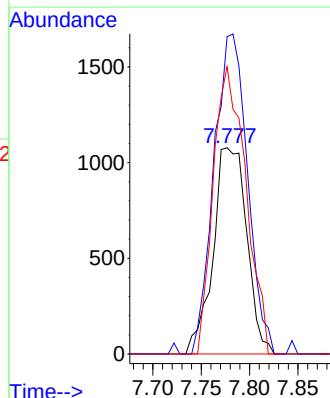
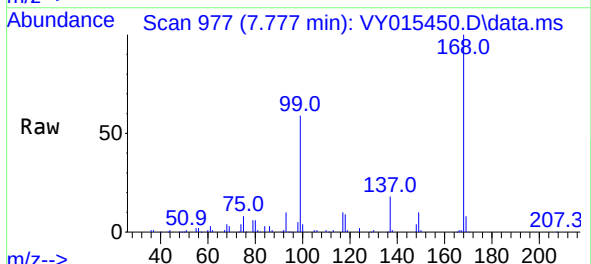
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-7.0-7.5

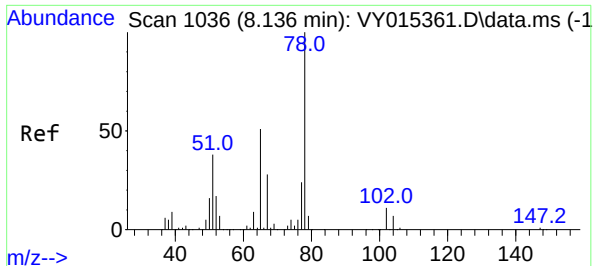
Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 16.7 22.7 34.1#



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Tgt Ion: 56 Resp: 2610
Ion Ratio Lower Upper
56 100
69 153.8 27.8 41.6#
84 139.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 48.241 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY015450.D

Acq: 06 Sep 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

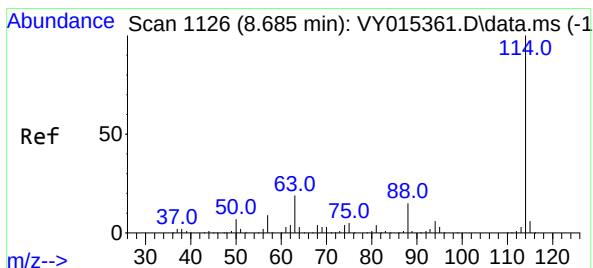
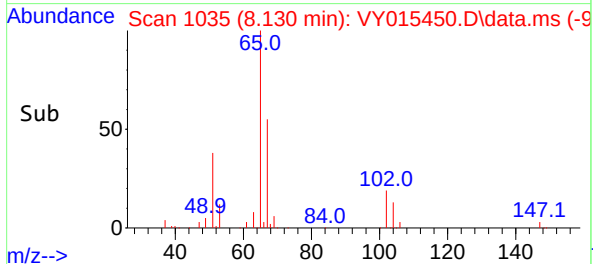
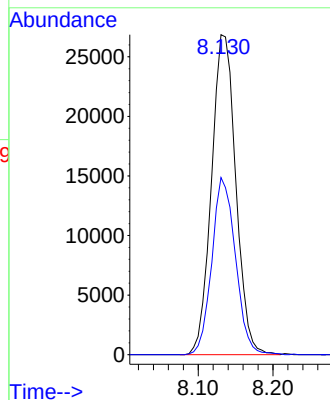
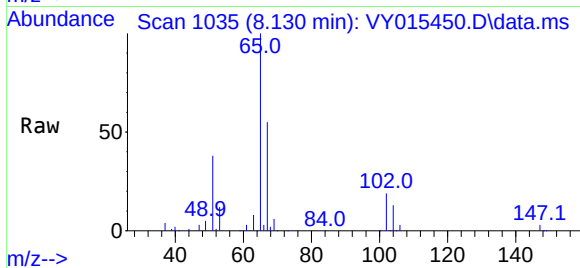
SB-04-7.0-7.5

Tgt Ion: 65 Resp: 60863

Ion Ratio Lower Upper

65 100

67 53.7 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: VY015450.D

Acq: 06 Sep 2023 15:20

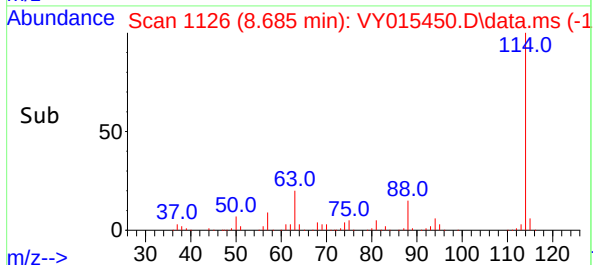
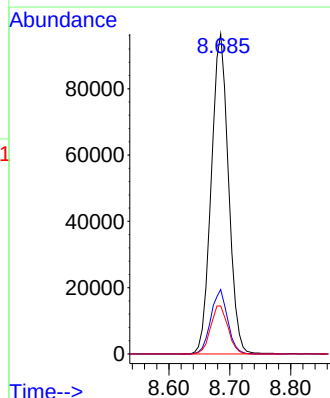
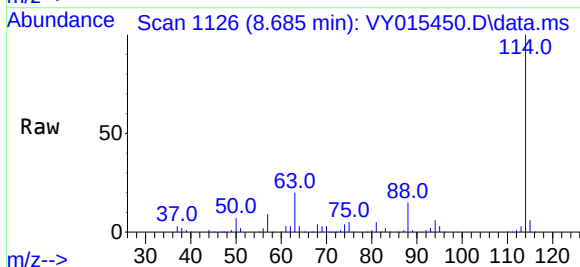
Tgt Ion: 114 Resp: 189025

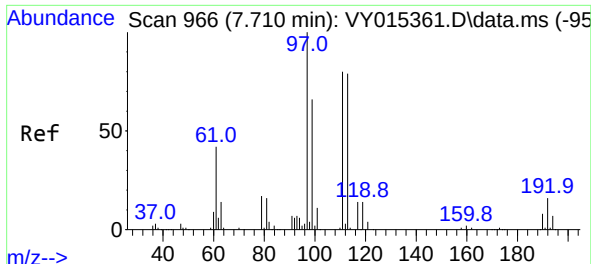
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.0 0.0 30.6

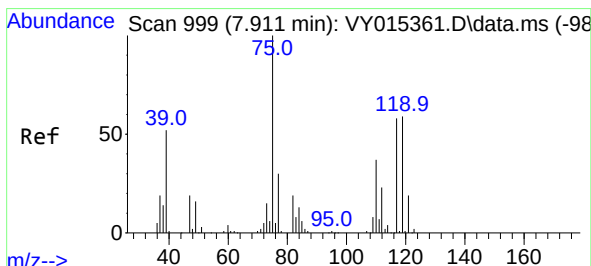
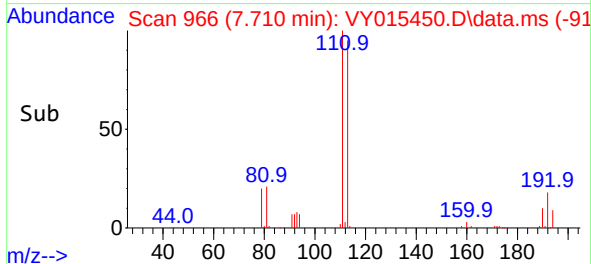
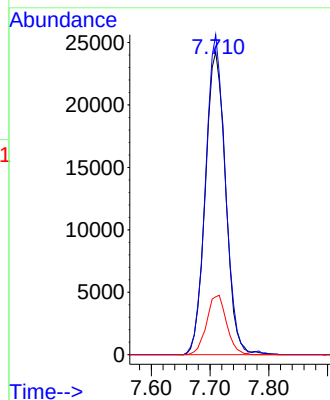
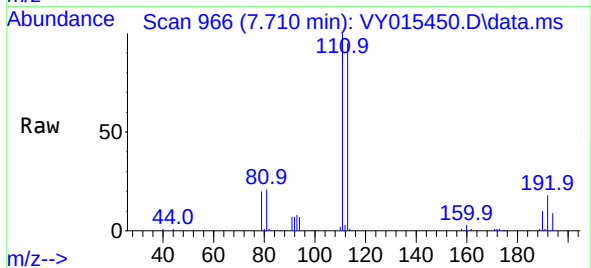




#35
Dibromofluoromethane
Concen: 53.504 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

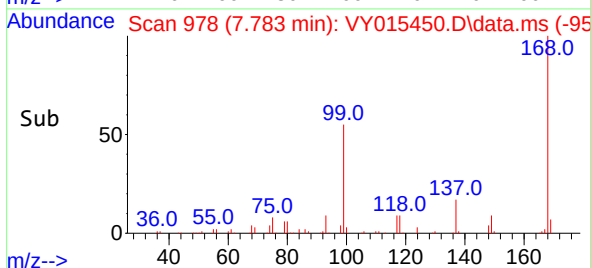
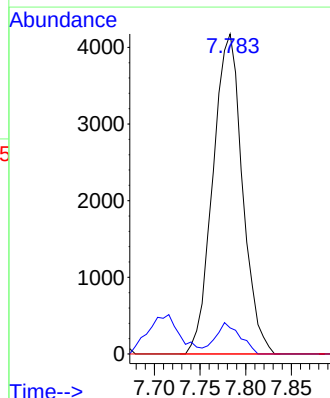
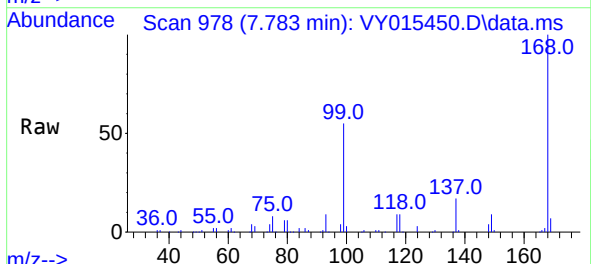
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-7.0-7.5

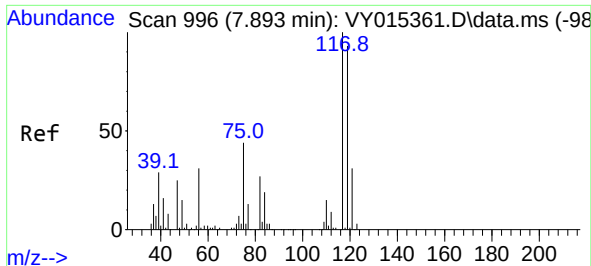
Tgt Ion:113 Resp: 58252
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

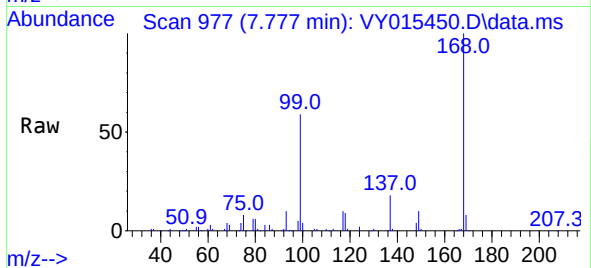
Tgt Ion: 75 Resp: 9384
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.5#
77 0.0 24.4 36.6#



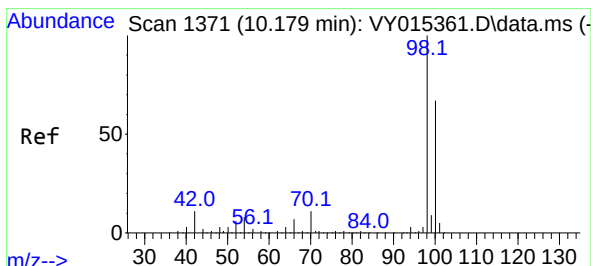
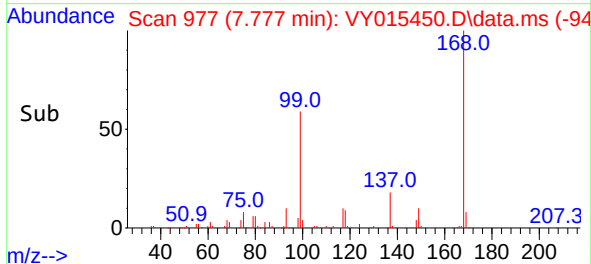
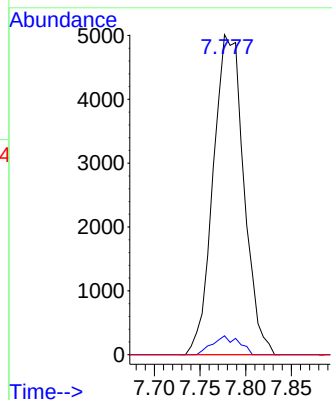


#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-7.0-7.5

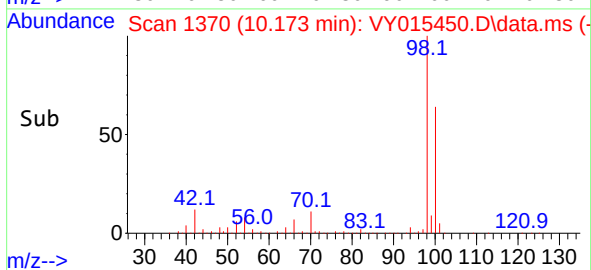
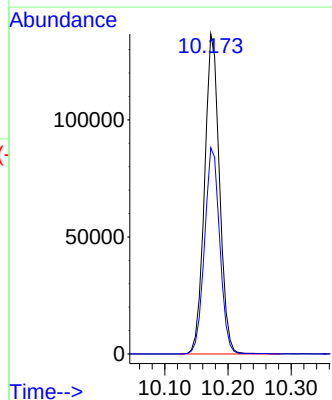
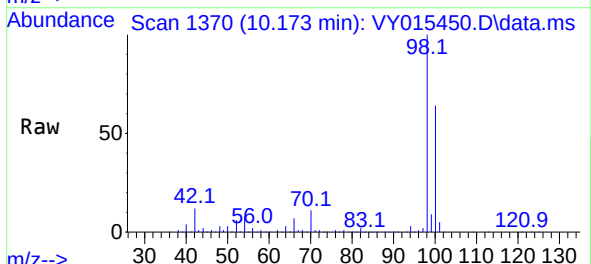


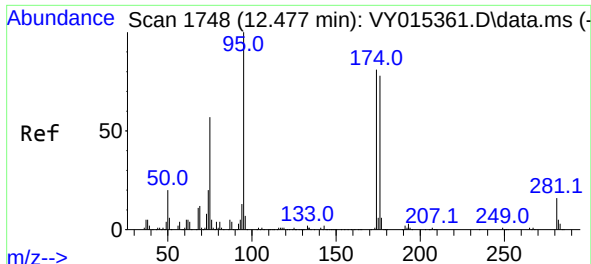
Tgt Ion:117 Resp: 11681
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 57.011 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Tgt Ion: 98 Resp: 224778
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

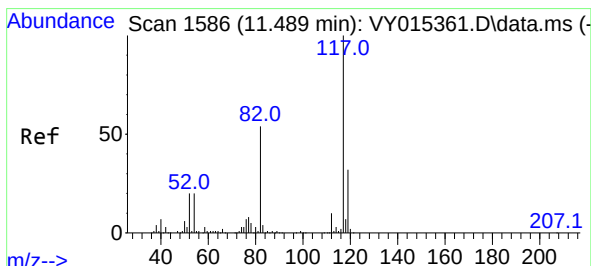
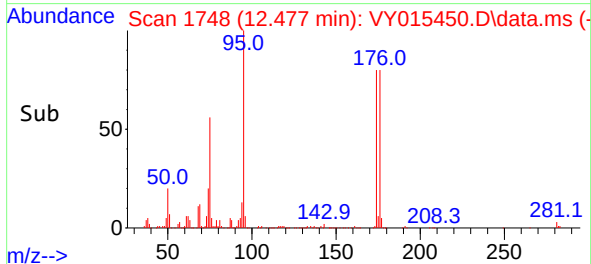
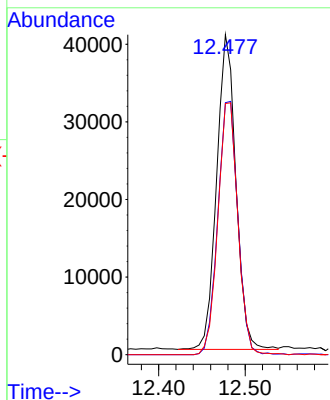
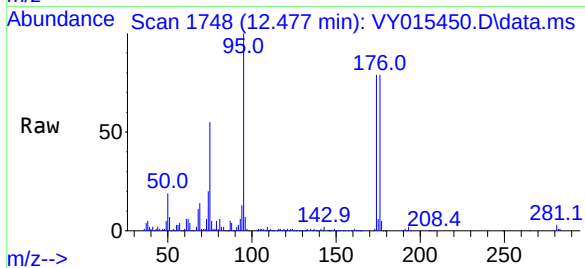




#62
4-Bromofluorobenzene
Concen: 42.857 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

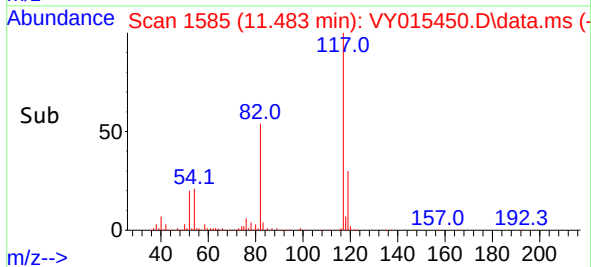
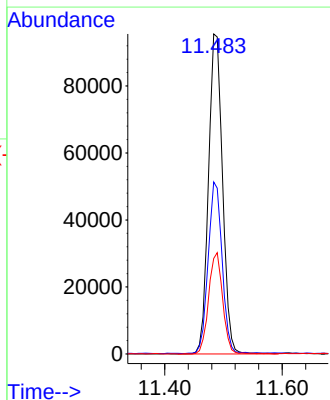
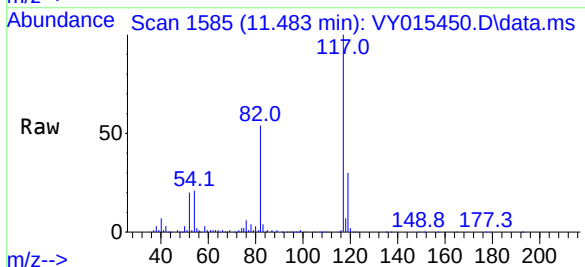
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MSVOA_Y
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SB-04-7.0-7.5

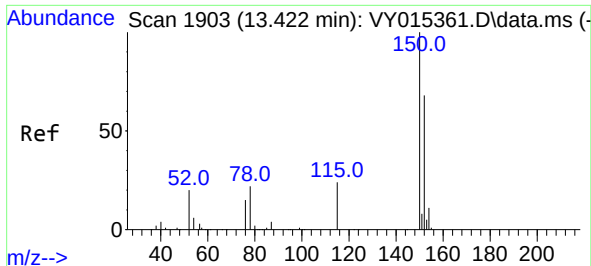
Tgt Ion:	95	Resp:	62729
Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	178.2
176	82.7	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Tgt Ion:	117	Resp:	158712
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.4	65.0
119	29.9	26.3	39.5

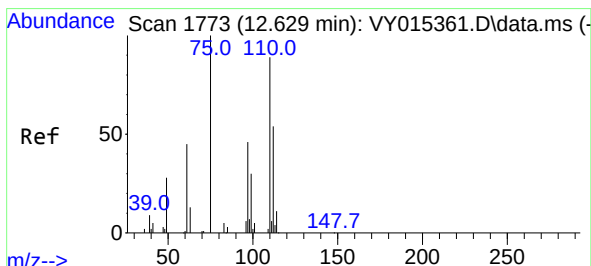
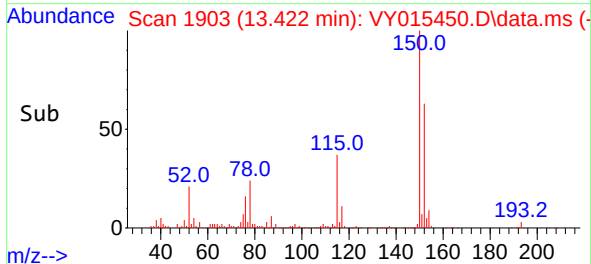
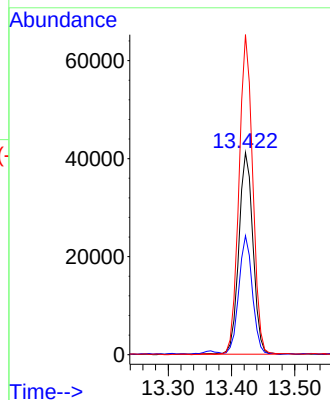
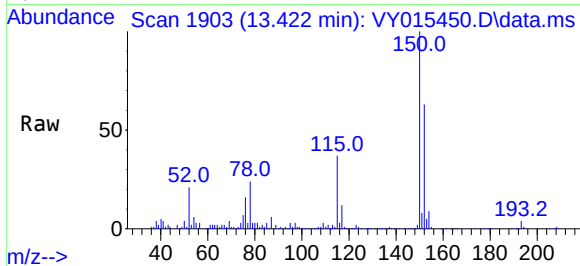




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

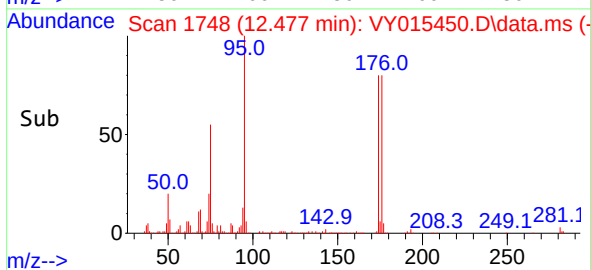
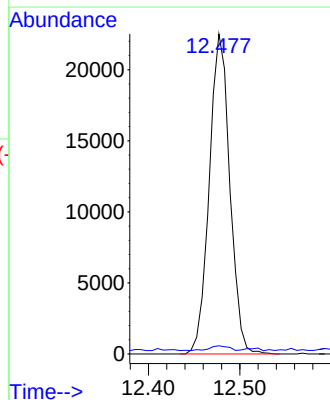
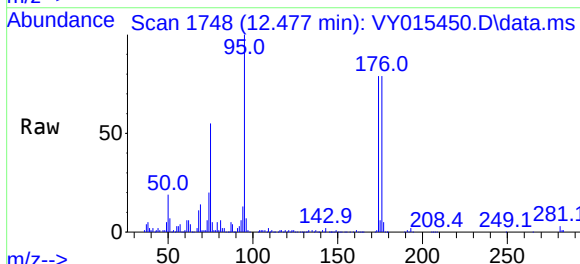
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-7.0-7.5

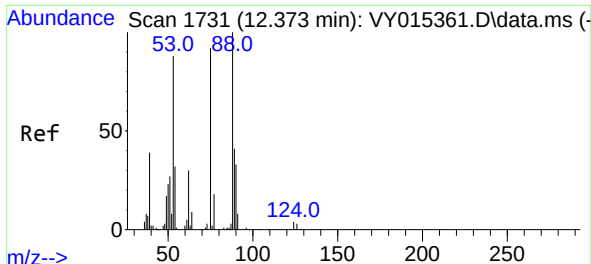
Tgt Ion:152 Resp: 64024
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 155.5 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.377 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Tgt Ion: 75 Resp: 35130
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#

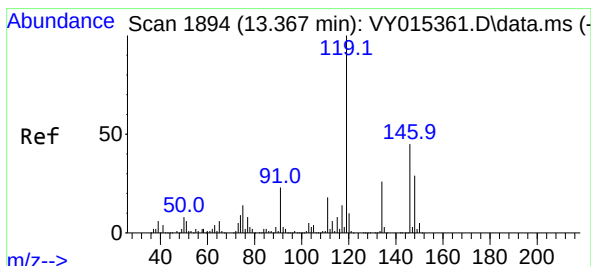
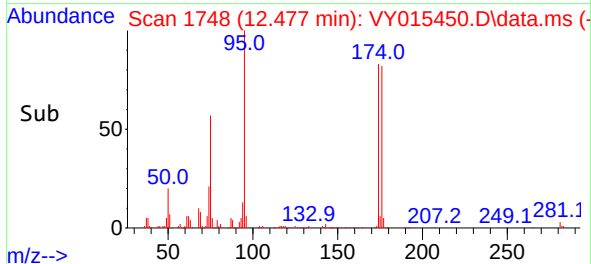
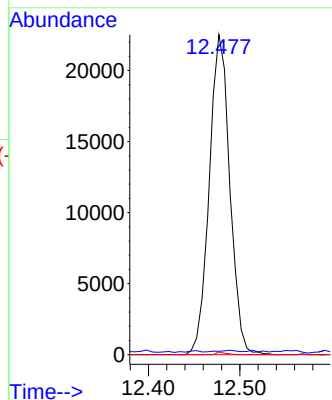
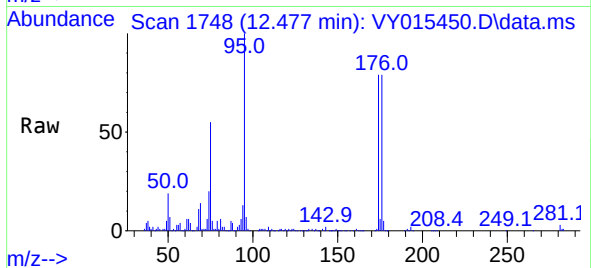




#81
trans-1,4-Dichloro-2-butene
Concen: 91.273 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-7.0-7.5

Tgt Ion: 75 Resp: 35130
Ion Ratio Lower Upper
75 100
53 0.6 77.8 116.8#
89 0.4 37.4 56.0#



#86
p-Isopropyltoluene
Concen: 2.283 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Tgt Ion: 119 Resp: 10056
Ion Ratio Lower Upper
119 100
134 28.1 13.3 39.8
91 53.6 12.4 37.4#

