

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013566.D
 Acq On : 02 May 2023 18:54
 Operator : KP/MD
 Sample : 02583-04
 Misc : 13.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-24

Quant Time: May 03 01:35:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

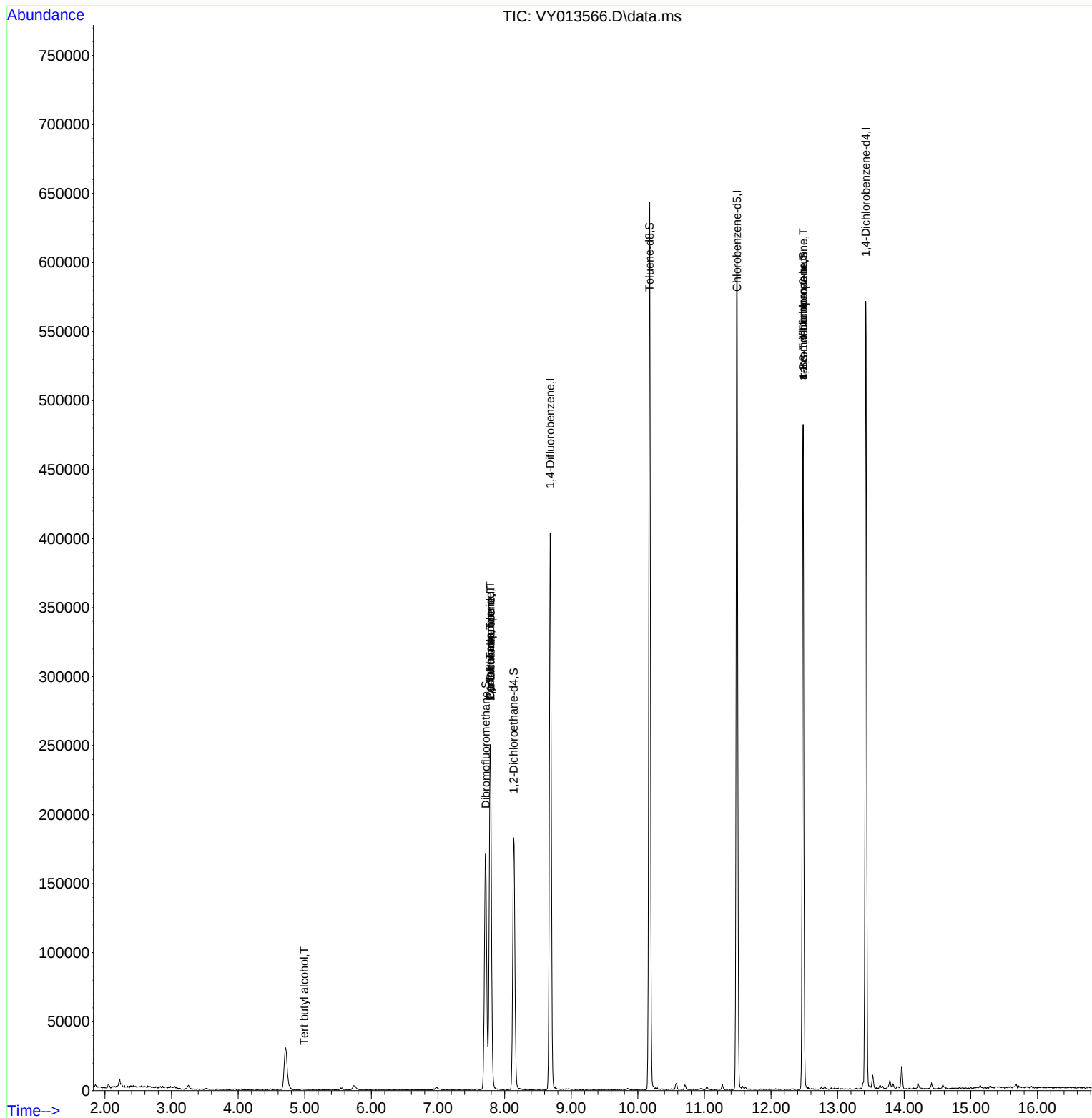
Internal Standards						
1) Pentafluorobenzene	7.789	168	200486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153475	69.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.660%	
35) Dibromofluoromethane	7.716	113	117354	55.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.260%	
50) Toluene-d8	10.179	98	408539	54.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.483	95	131230	51.874	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	476	2.568	ug/l #	89
13) Acrolein	3.649	56	49	Below Cal	#	16
20) Methylene Chloride	4.710	84	21725	Below Cal	#	81
31) Cyclohexane	7.783	56	4623	1.175	ug/l #	48
36) 1,1-Dichloropropene	7.789	75	15418	4.404	ug/l #	49
38) Carbon Tetrachloride	7.783	117	18911	5.154	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	70556	35.149	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70556	71.899	ug/l #	13

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

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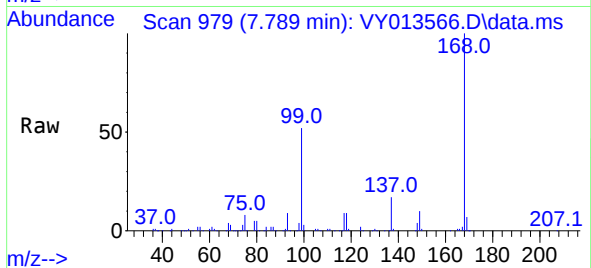
Quant Time: May 03 01:35:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
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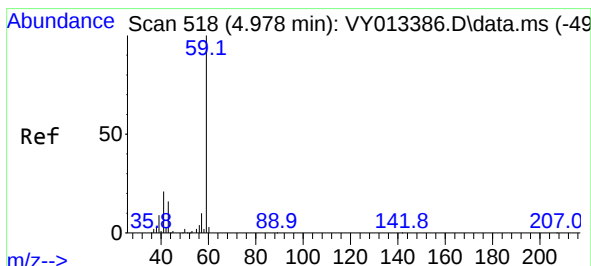
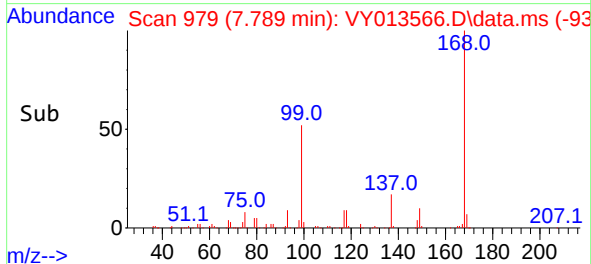
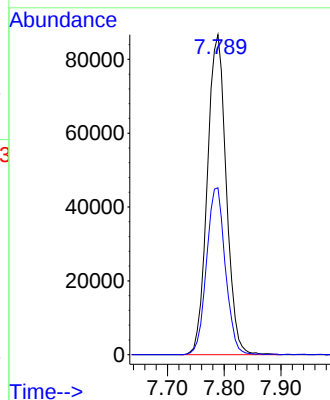


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :
CF-24

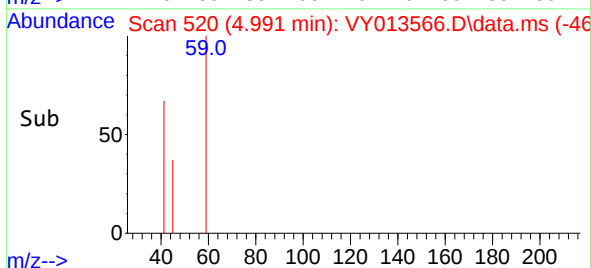
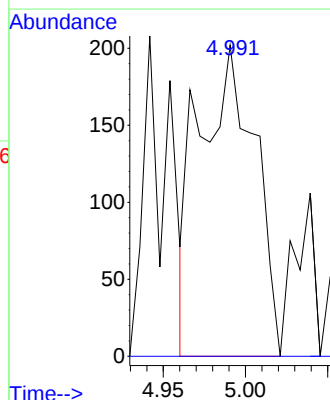
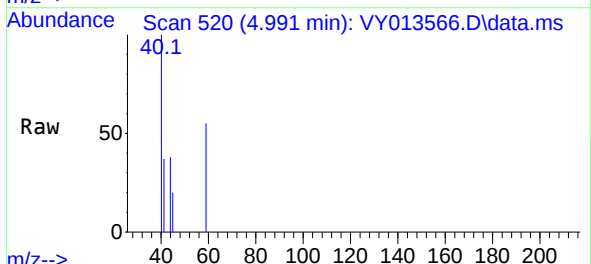


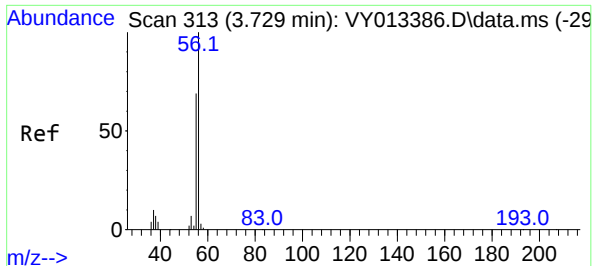
Tgt Ion:168 Resp: 200486
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#11
Tert butyl alcohol
Concen: 2.568 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.013 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Tgt Ion: 59 Resp: 476
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

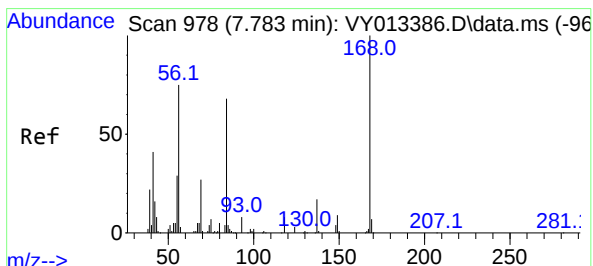
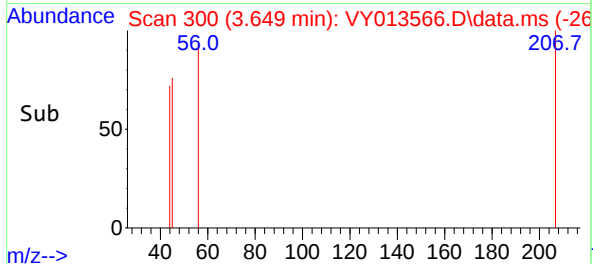
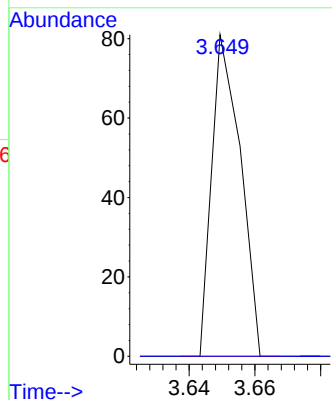
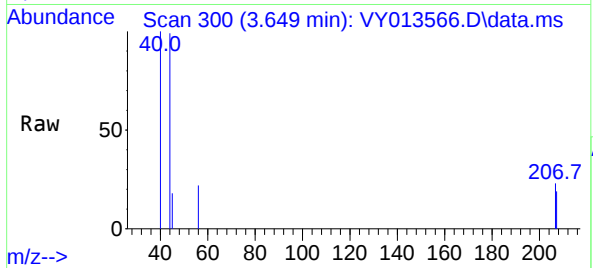




#13
Acrolein
Concen: Below Cal
RT: 3.649 min Scan# 30
Delta R.T. -0.080 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

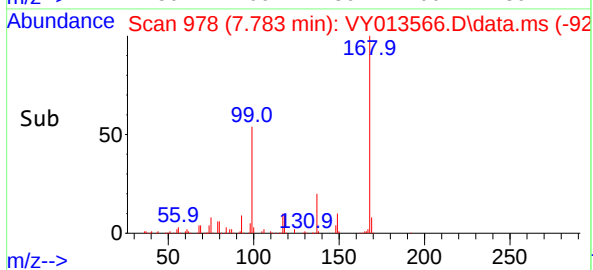
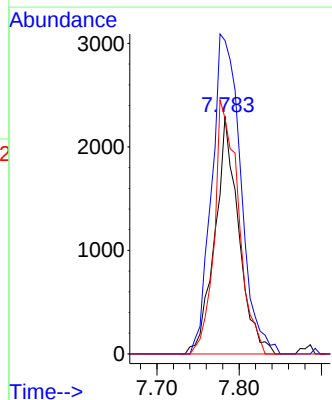
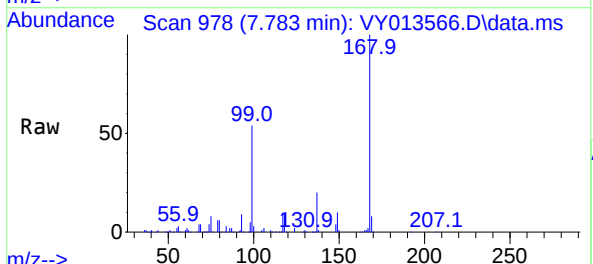
Instrument :
MSVOA_Y
ClientSampleId :
CF-24

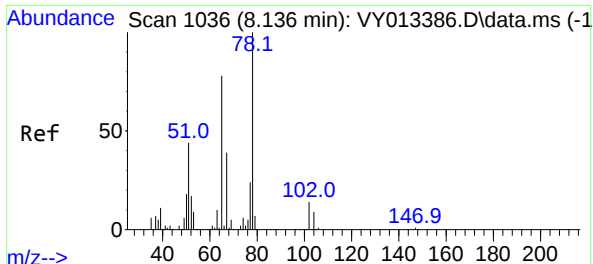
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Tgt Ion: 56 Resp: 4623
Ion Ratio Lower Upper
56 100
69 131.9 29.2 43.8#
84 99.2 73.0 109.6





#33

1,2-Dichloroethane-d4

Concen: 69.832 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013566.D

Acq: 02 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

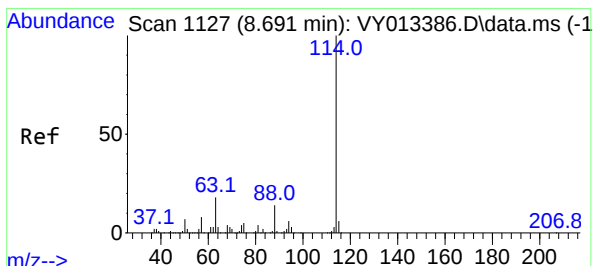
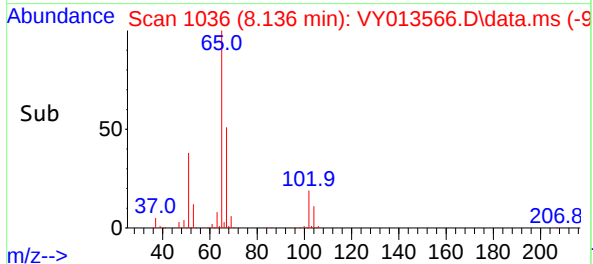
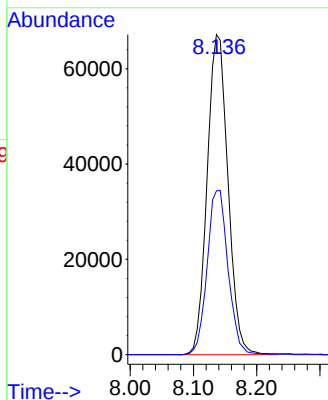
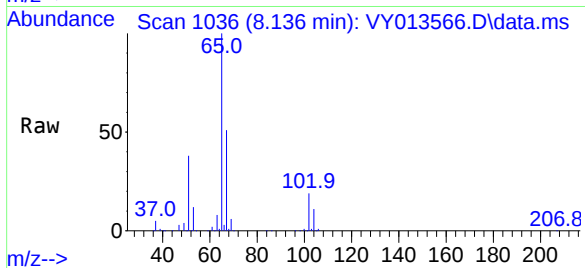
CF-24

Tgt Ion: 65 Resp: 153475

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013566.D

Acq: 02 May 2023 18:54

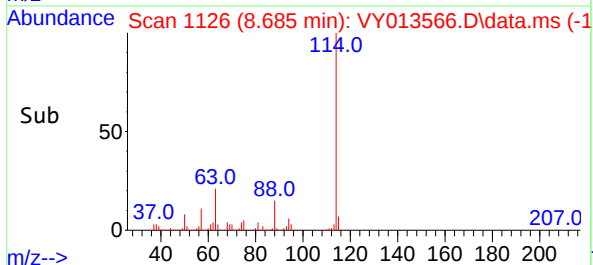
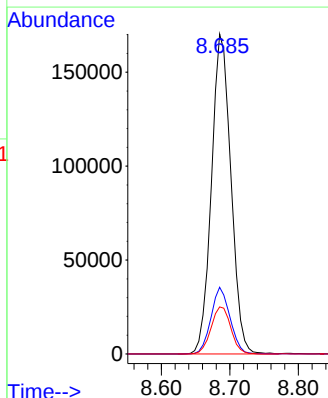
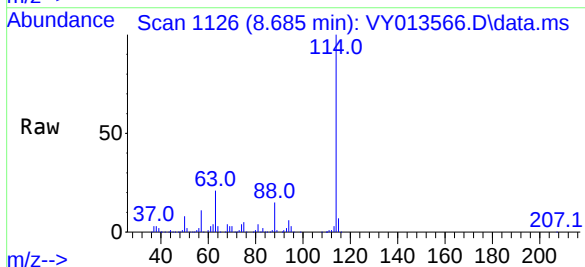
Tgt Ion: 114 Resp: 335383

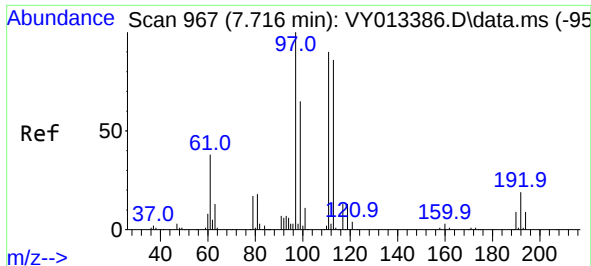
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

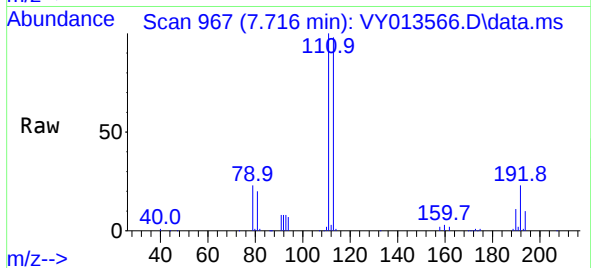
88 14.7 0.0 28.8



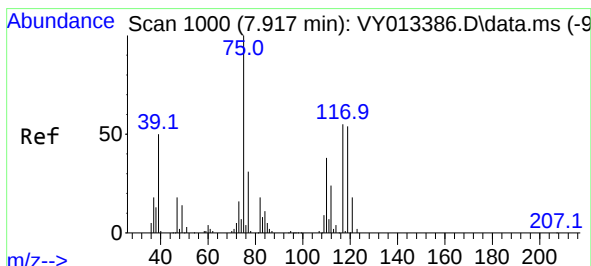
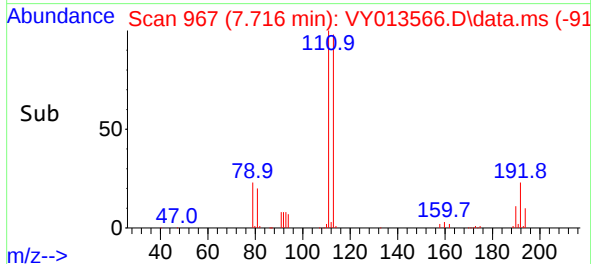
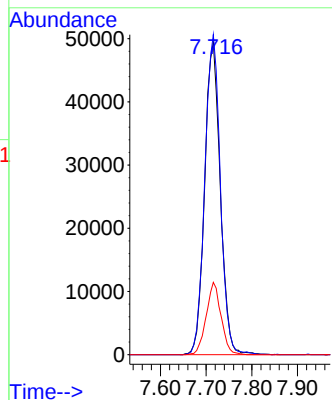


#35
Dibromofluoromethane
Concen: 55.634 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :
CF-24

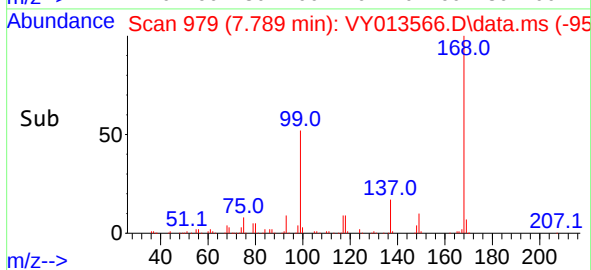
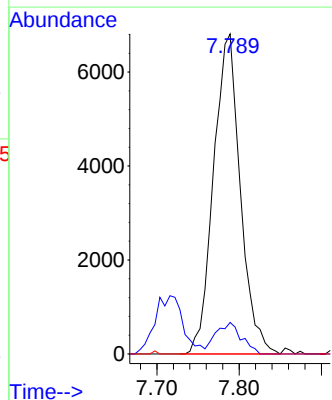
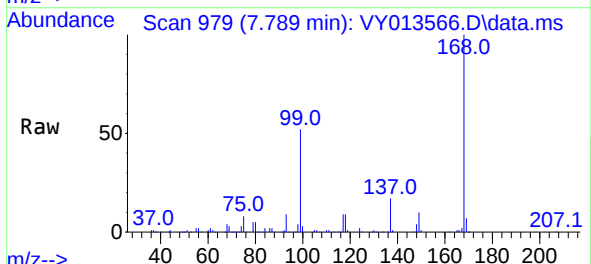


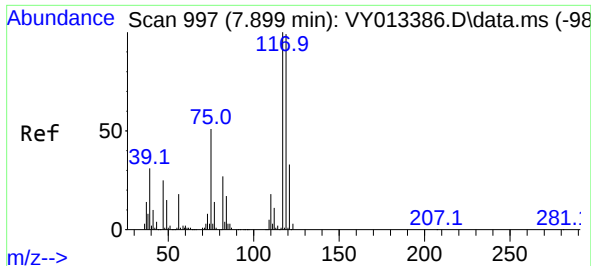
Tgt Ion:113 Resp: 117354
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 22.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.404 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Tgt Ion: 75 Resp: 15418
Ion Ratio Lower Upper
75 100
110 9.4 18.7 56.1#
77 0.0 24.6 37.0#

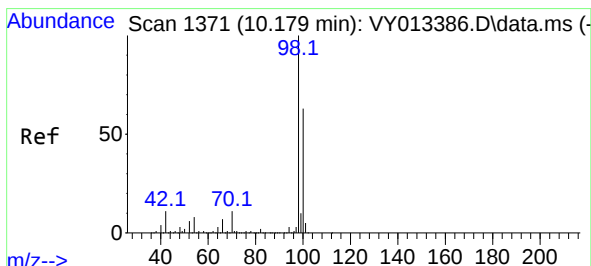
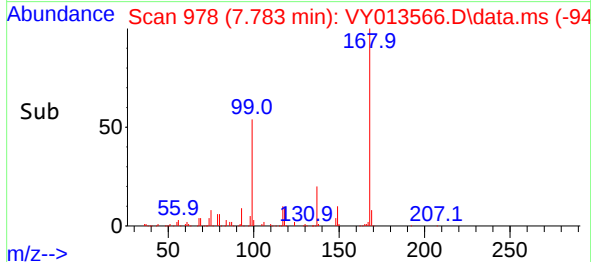
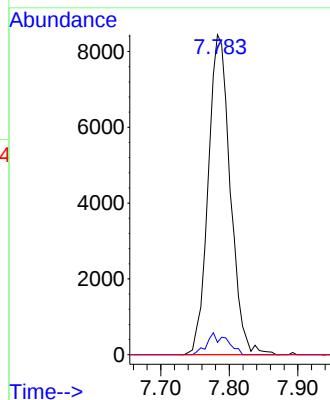
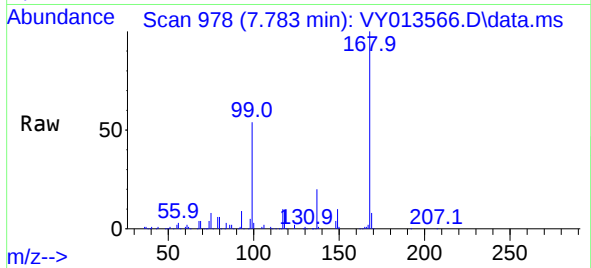




#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

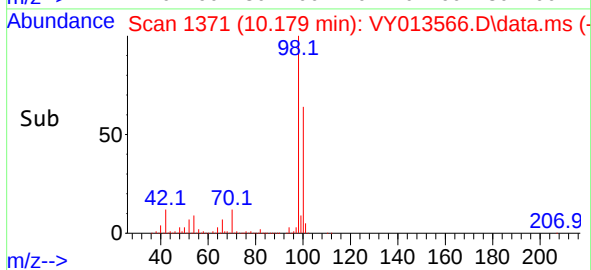
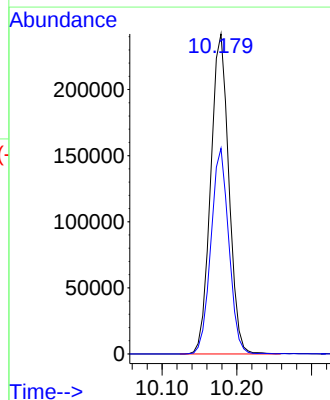
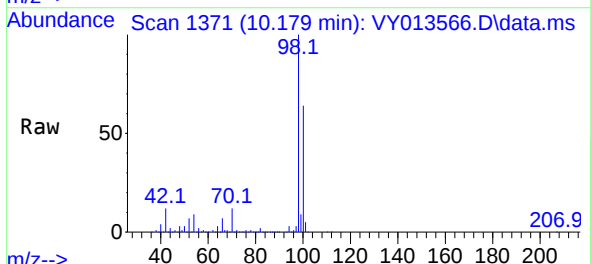
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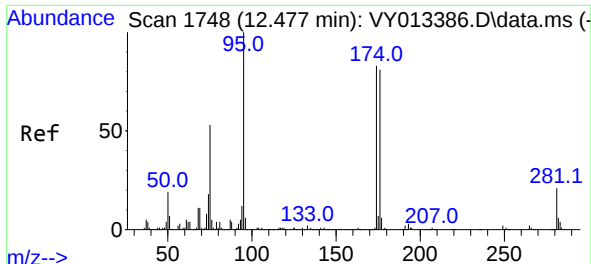
Tgt Ion:117 Resp: 18911
Ion Ratio Lower Upper
117 100
119 3.8 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.443 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Tgt Ion: 98 Resp: 408539
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

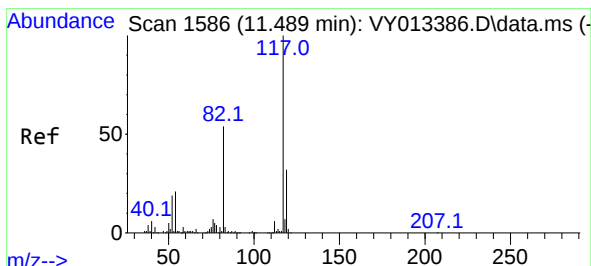
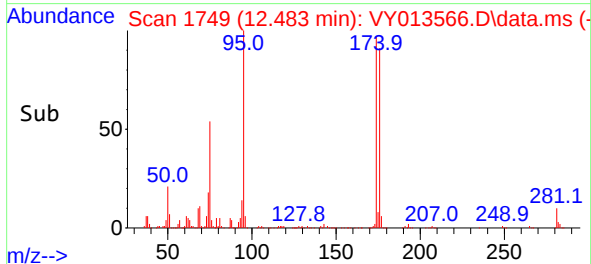
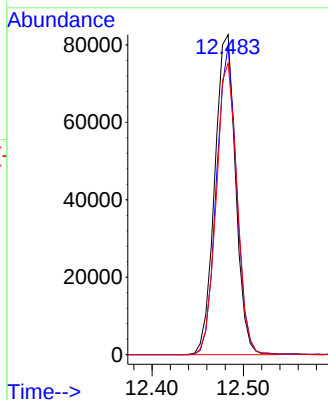
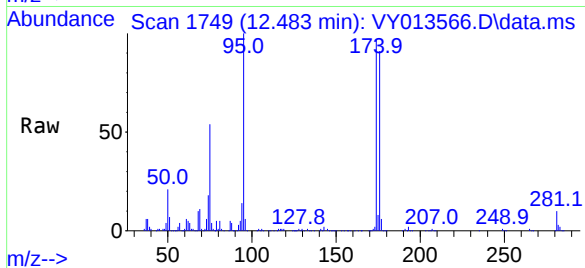




#62
4-Bromofluorobenzene
Concen: 51.874 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

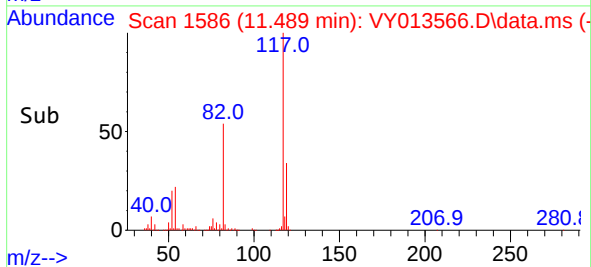
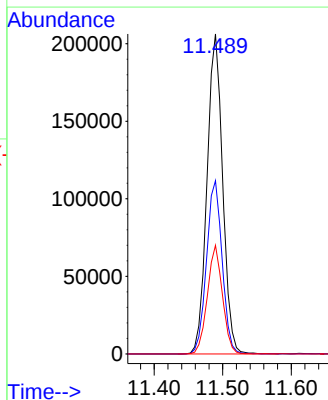
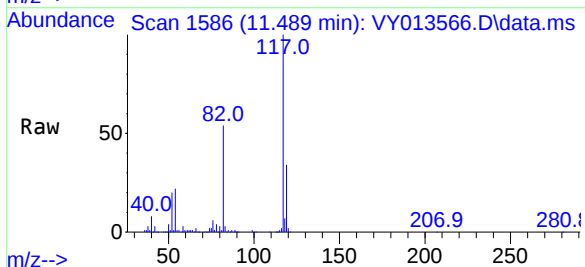
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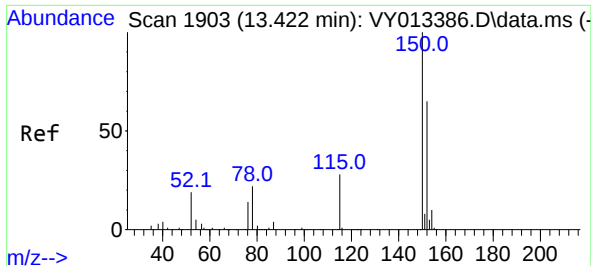
Tgt Ion: 95 Resp: 131230
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.0
176 90.9 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Tgt Ion: 117 Resp: 327566
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.6
119 34.0 25.5 38.3

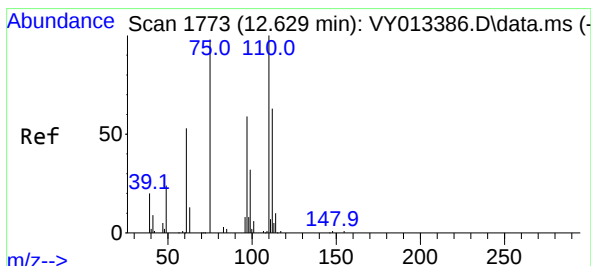
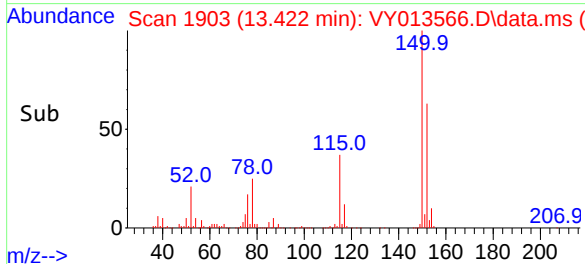
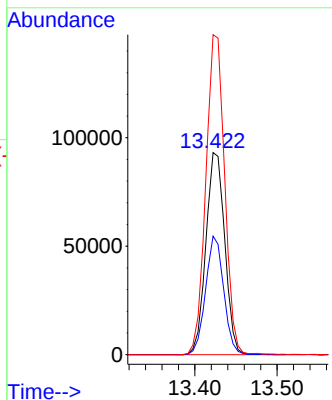
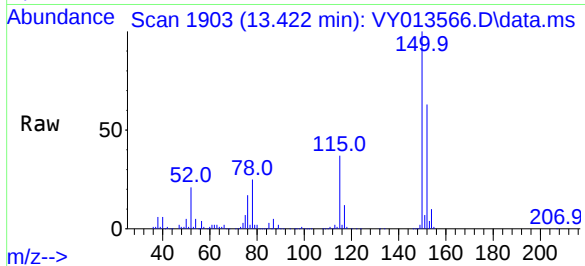




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

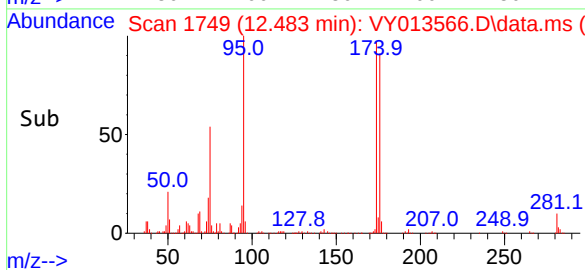
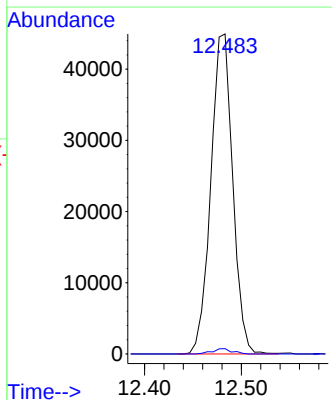
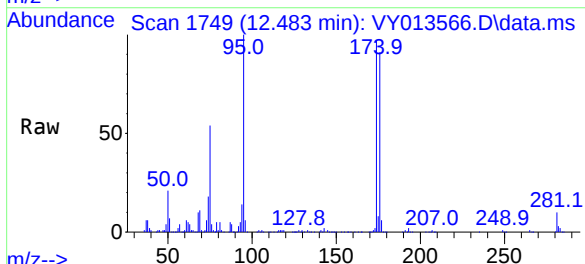
Instrument :
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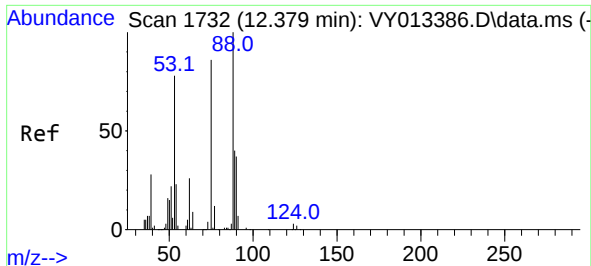
Tgt Ion:152 Resp: 148844
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.2
150 157.6 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 35.149 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

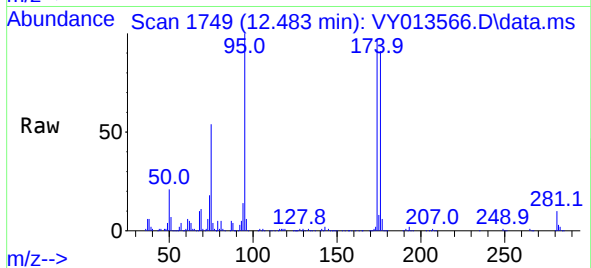
Tgt Ion: 75 Resp: 70556
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.899 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013566.D
 Acq: 02 May 2023 18:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-24



Tgt Ion: 75 Resp: 70556
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.2 109.8#
 89 0.1 38.0 57.0#

