

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013565.D
 Acq On : 02 May 2023 18:31
 Operator : KP/MD
 Sample : 02583-07
 Misc : 12.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-27

Quant Time: May 03 01:35:14 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)

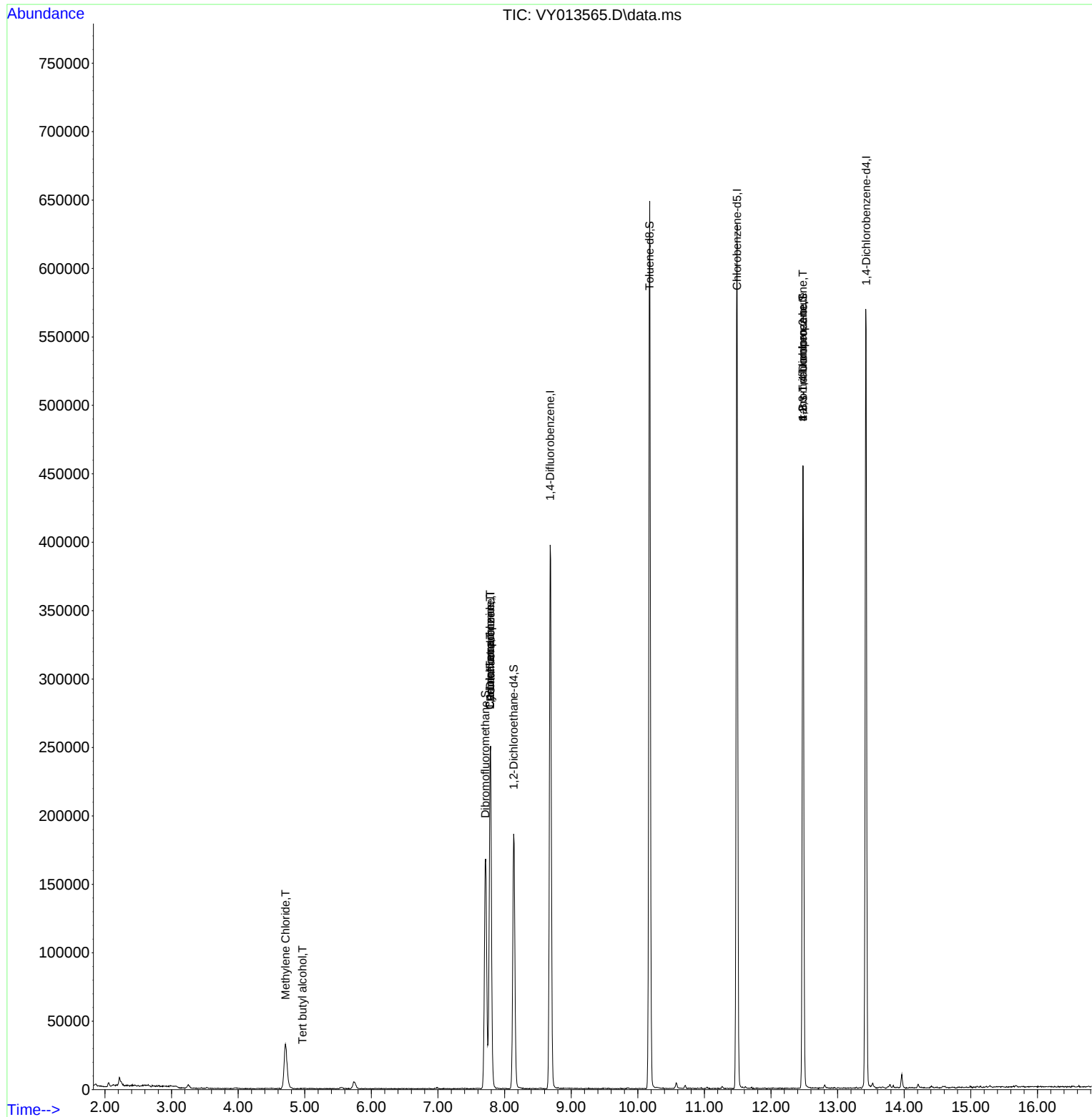
Internal Standards						
1) Pentafluorobenzene	7.789	168	197160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150899	69.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.640%	
35) Dibromofluoromethane	7.710	113	118922	55.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.340%	
50) Toluene-d8	10.179	98	410218	53.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	12.477	95	130749	51.034	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	163	1.318	ug/l #	89
13) Acrolein	3.497	56	50	Below Cal	#	16
20) Methylene Chloride	4.710	84	23904	1.044	ug/l #	80
31) Cyclohexane	7.783	56	4536	1.172	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	14573	4.110	ug/l #	48
38) Carbon Tetrachloride	7.783	117	19416	5.225	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	71088	35.387	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71088	72.386	ug/l #	13

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

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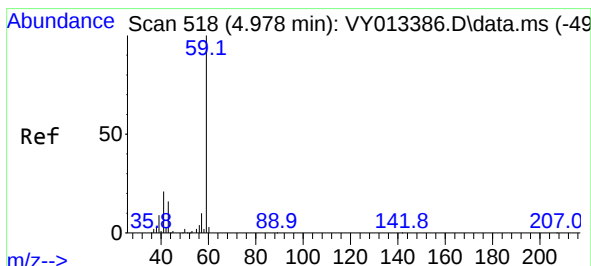
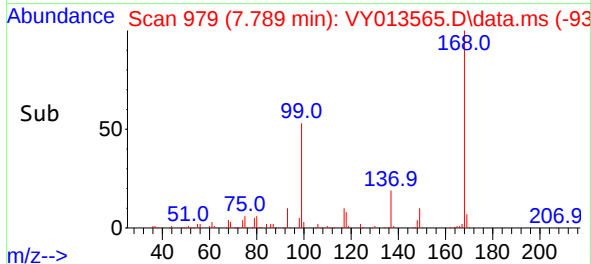
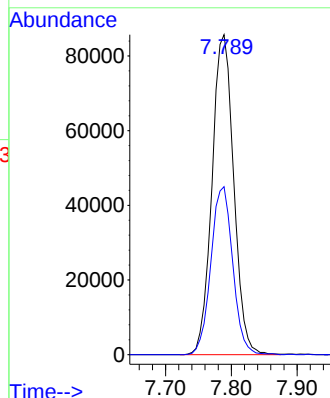
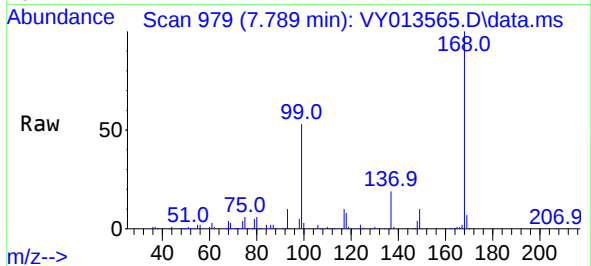




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

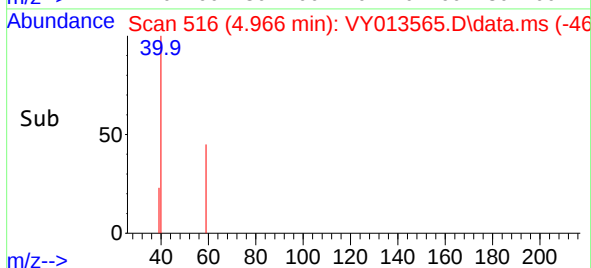
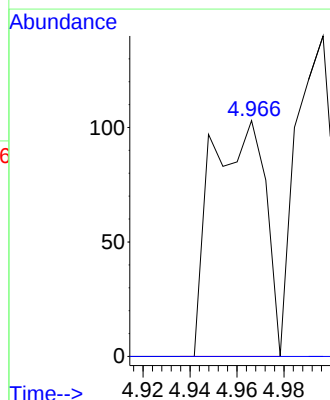
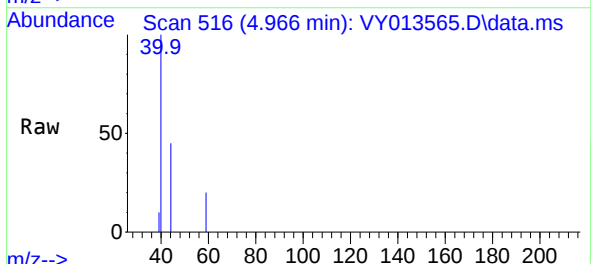
Instrument :
MSVOA_Y
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CF-27

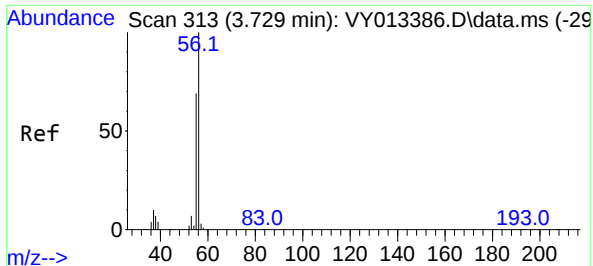
Tgt Ion:168 Resp: 197160
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.318 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

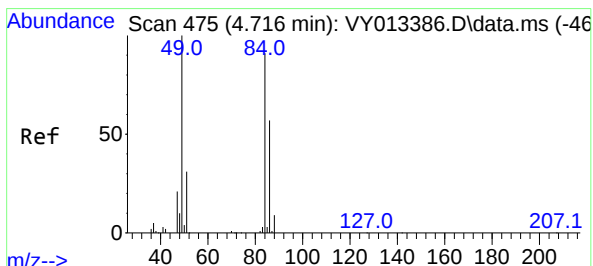
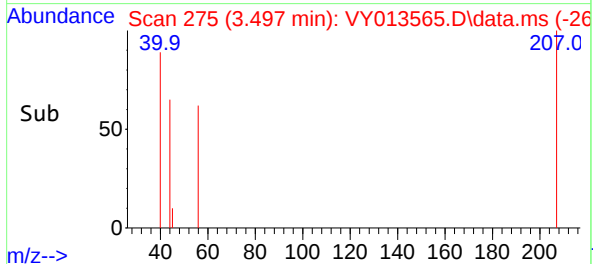
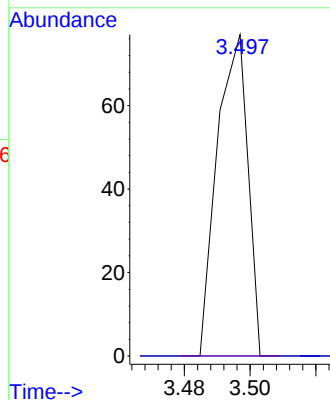
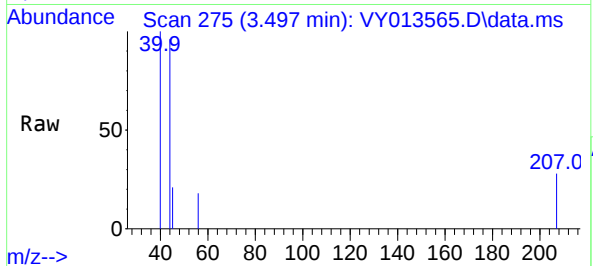




#13
Acrolein
Concen: Below Cal
RT: 3.497 min Scan# 21
Delta R.T. -0.232 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

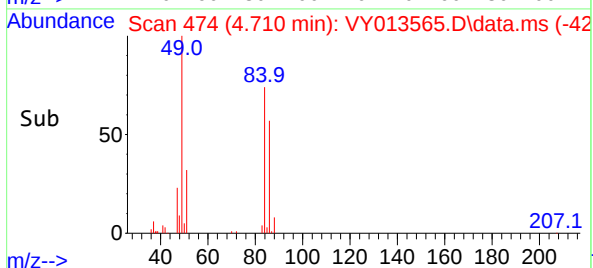
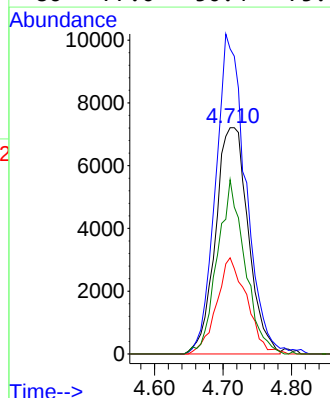
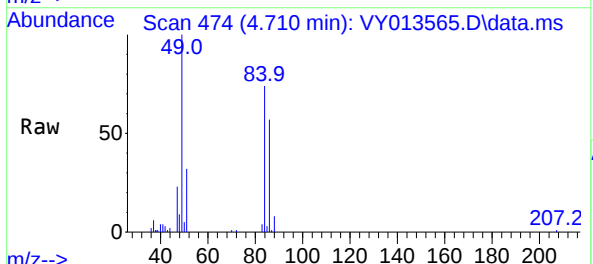
Instrument :
MSVOA_Y
ClientSampleId :
CF-27

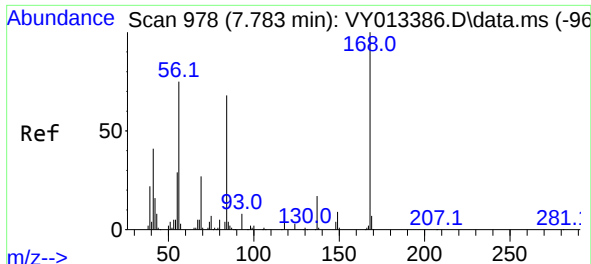
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#20
Methylene Chloride
Concen: 1.044 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion: 84 Resp: 23904
Ion Ratio Lower Upper
84 100
49 134.9 88.0 132.0#
51 42.5 27.4 41.0#
86 77.0 50.4 75.6#

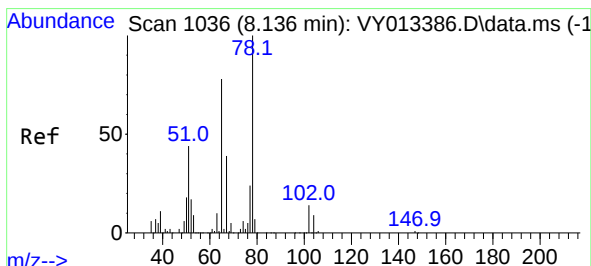
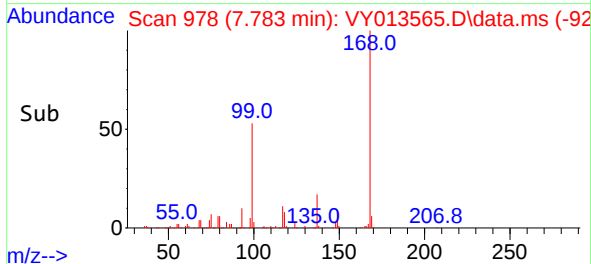
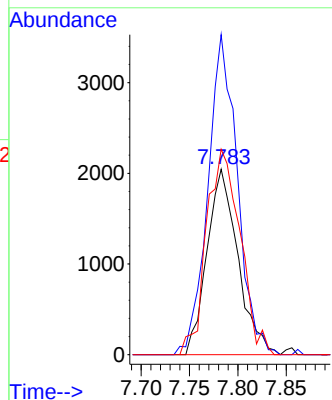
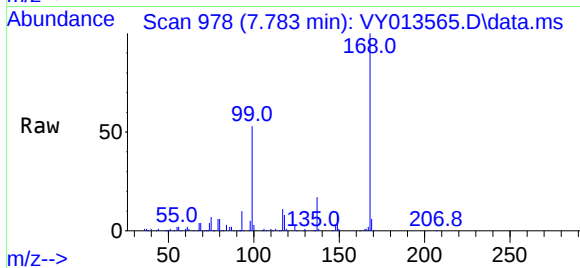




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

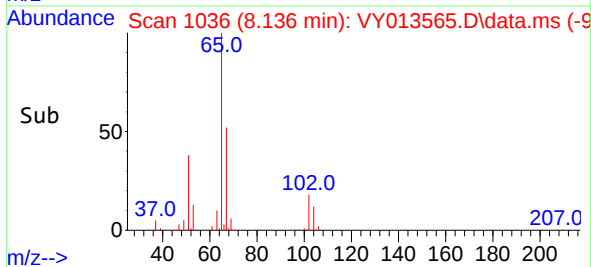
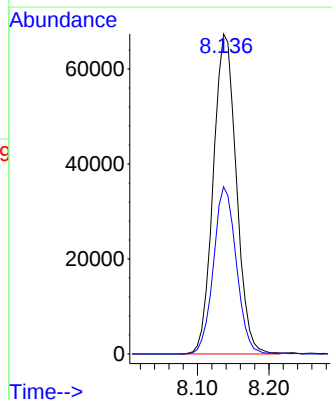
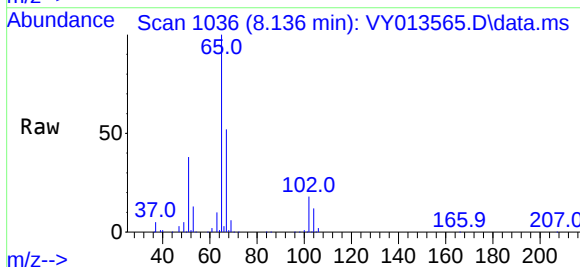
Instrument :
MSVOA_Y
ClientSampleId :
CF-27

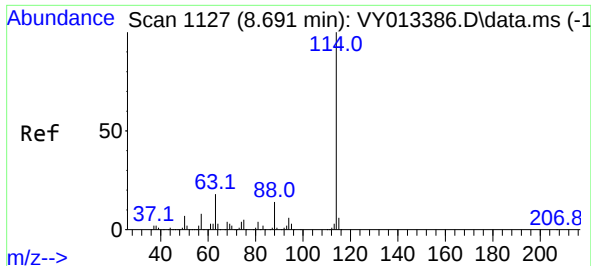
Tgt Ion: 56 Resp: 4536
Ion Ratio Lower Upper
56 100
69 172.6 29.2 43.8#
84 110.8 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 69.818 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion: 65 Resp: 150899
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

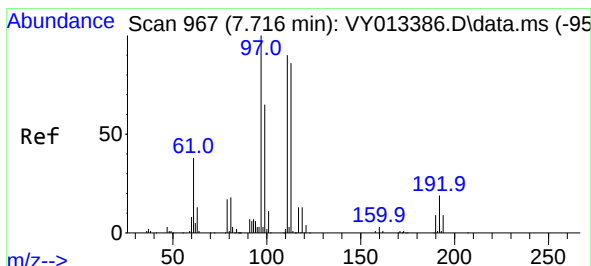
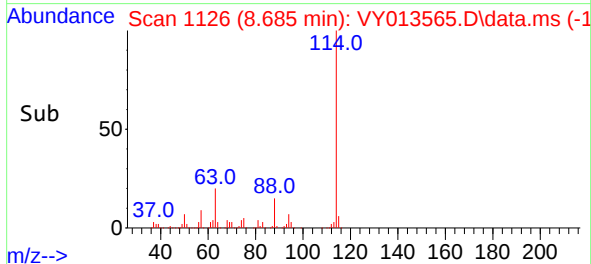
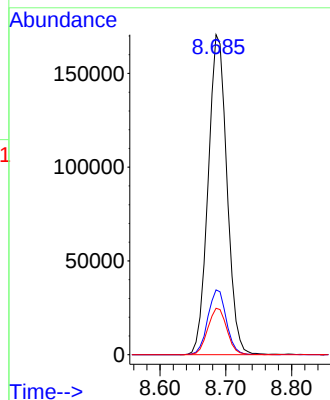
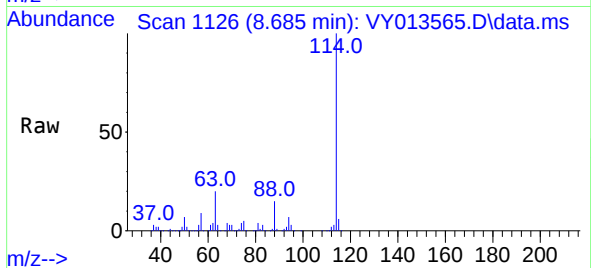




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

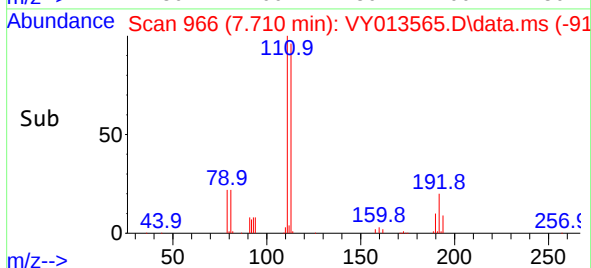
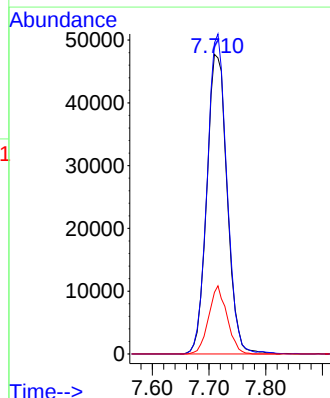
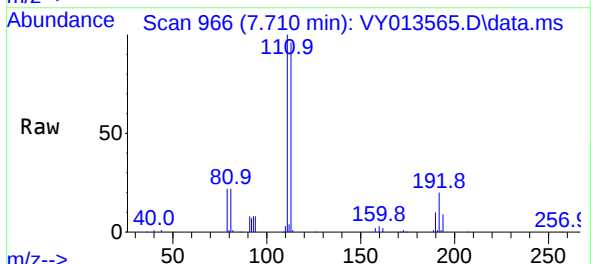
Instrument :
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ClientSampleId :
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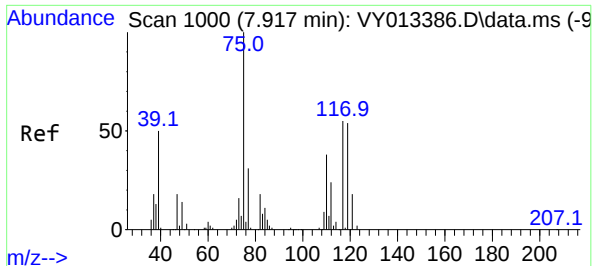
Tgt Ion:114	Resp:	339655
Ion	Ratio	Lower Upper
114	100	
63	20.3	0.0 36.6
88	14.5	0.0 28.8



#35
Dibromofluoromethane
Concen: 55.668 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion:113	Resp:	118922
Ion	Ratio	Lower Upper
113	100	
111	102.7	82.2 123.2
192	20.5	16.7 25.1

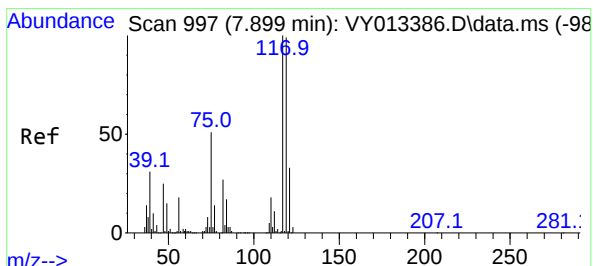
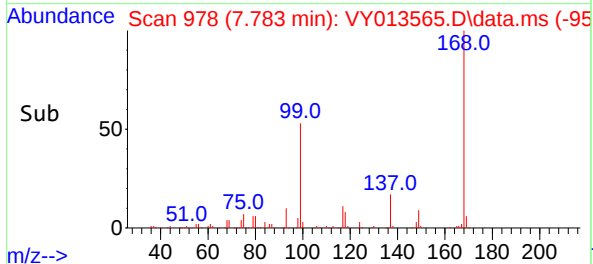
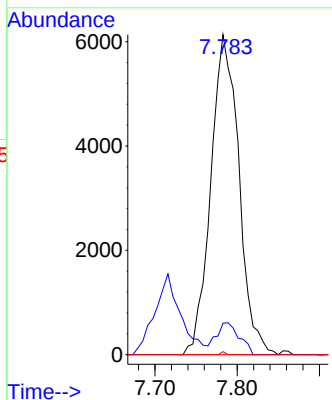
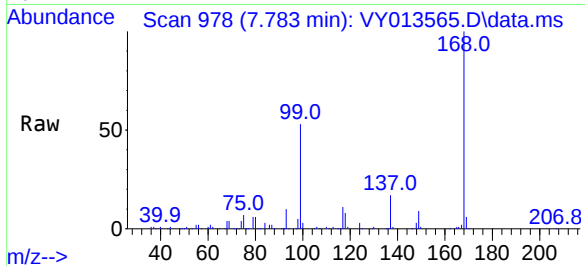




#36
1,1-Dichloropropene
Concen: 4.110 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

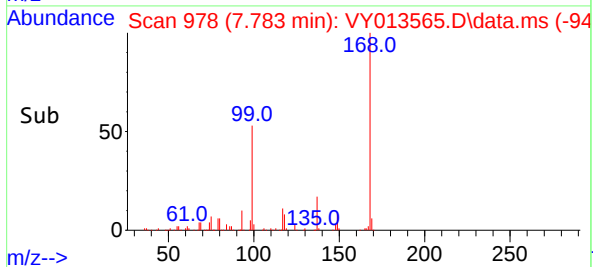
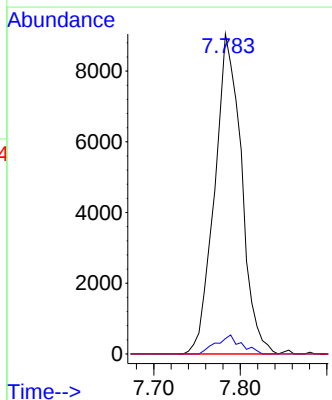
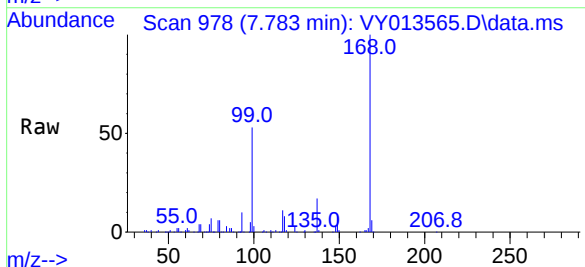
Instrument :
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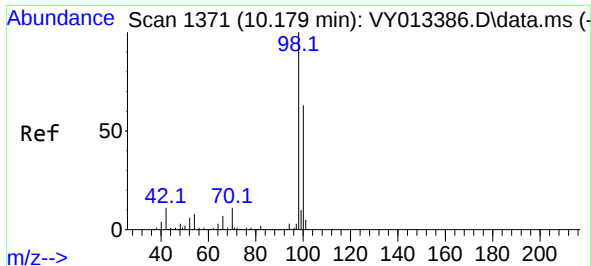
Tgt Ion: 75 Resp: 14573
Ion Ratio Lower Upper
75 100
110 8.1 18.7 56.1#
77 0.1 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.225 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion: 117 Resp: 19416
Ion Ratio Lower Upper
117 100
119 4.8 79.0 118.6#
121 0.0 26.6 40.0#

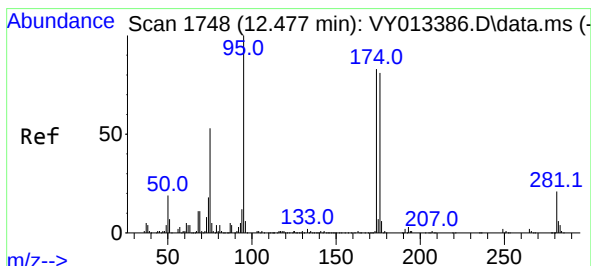
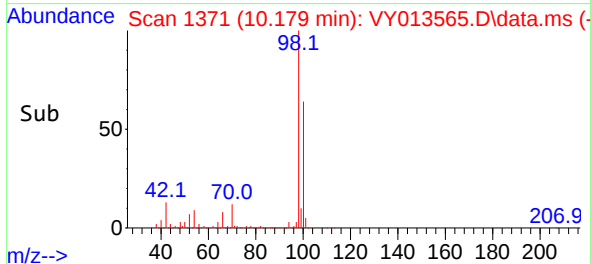
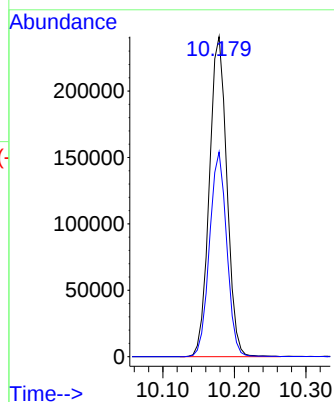
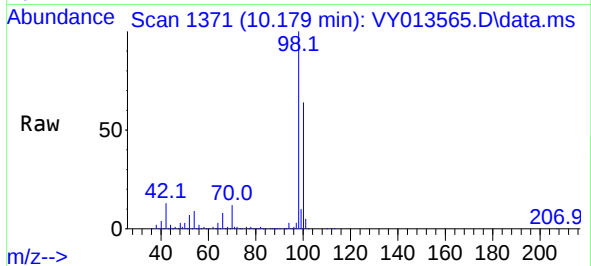




#50
Toluene-d8
Concen: 53.979 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

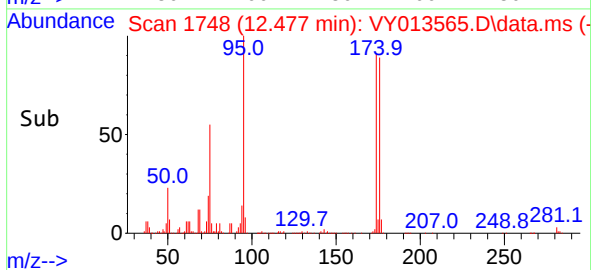
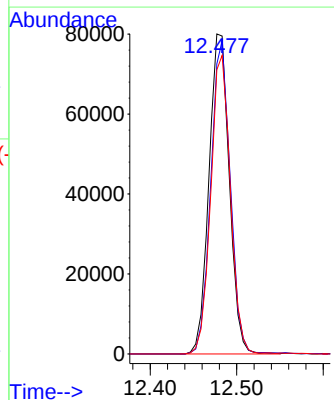
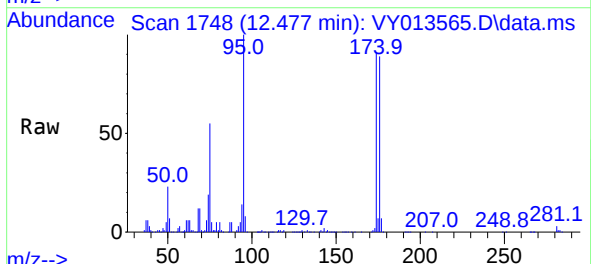
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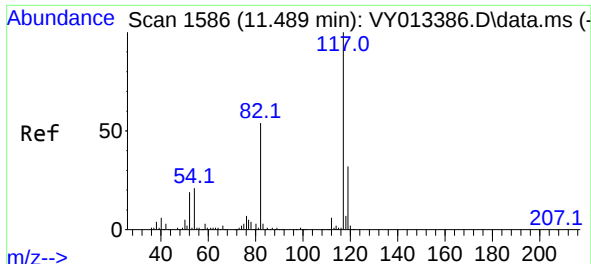
Tgt Ion: 98 Resp: 410218
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.034 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion: 95 Resp: 130749
Ion Ratio Lower Upper
95 100
174 94.0 0.0 182.0
176 90.1 0.0 175.4

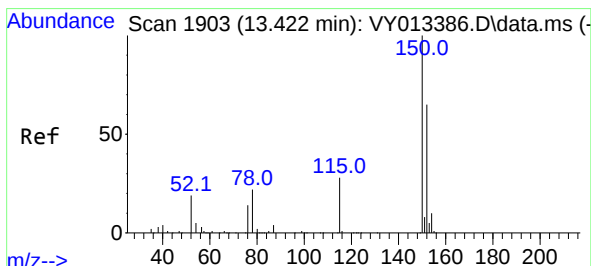
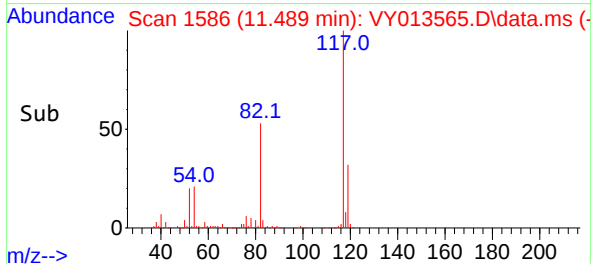
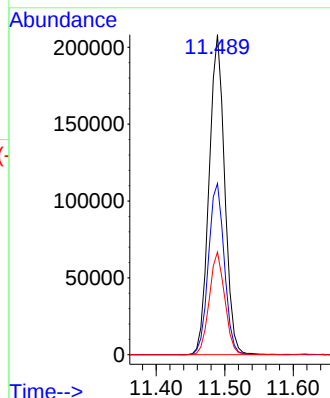
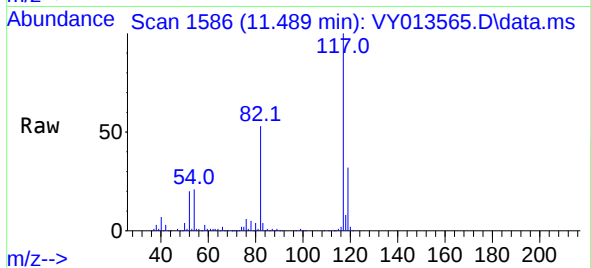




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

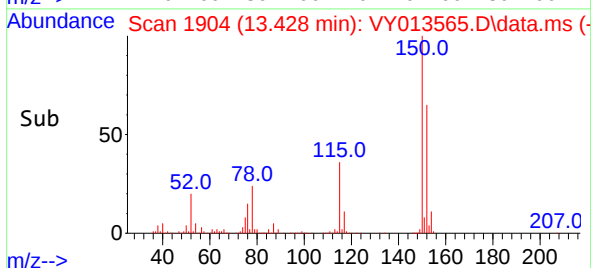
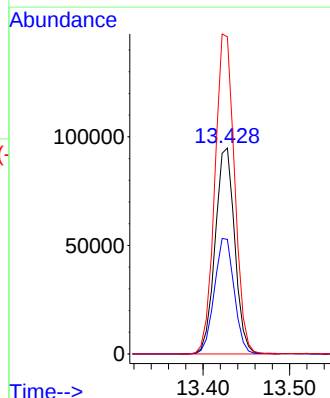
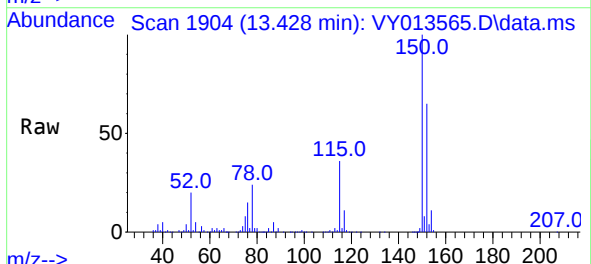
Instrument :
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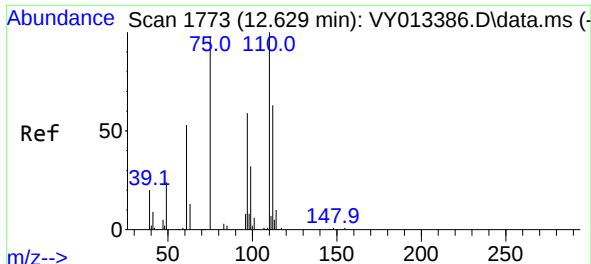
Tgt Ion:117 Resp: 330154
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion:152 Resp: 148958
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 156.4 0.0 352.0

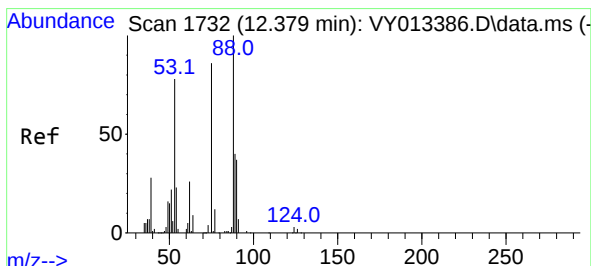
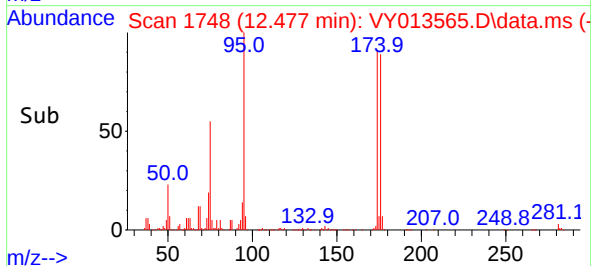
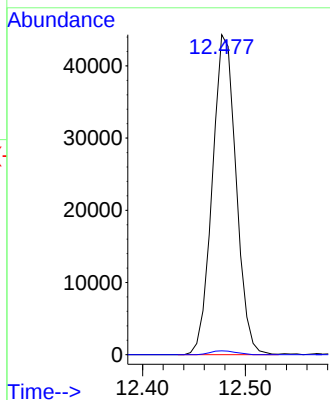
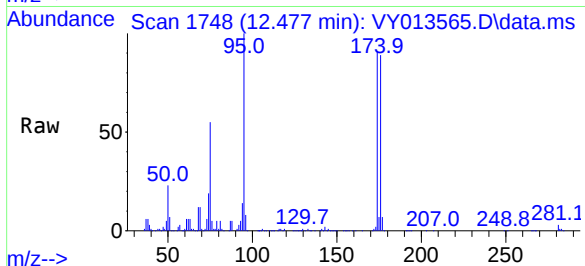




#76
1,2,3-Trichloropropane
Concen: 35.387 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Instrument :
MSVOA_Y
ClientSampleId :
CF-27

Tgt Ion: 75 Resp: 71088
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.386 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013565.D
Acq: 02 May 2023 18:31

Tgt Ion: 75 Resp: 71088
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.0 38.0 57.0#

