

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012099.D
 Acq On : 06 Jan 2023 18:11
 Operator : KP/MD
 Sample : 01048-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-010523

Quant Time: Jan 07 01:49:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

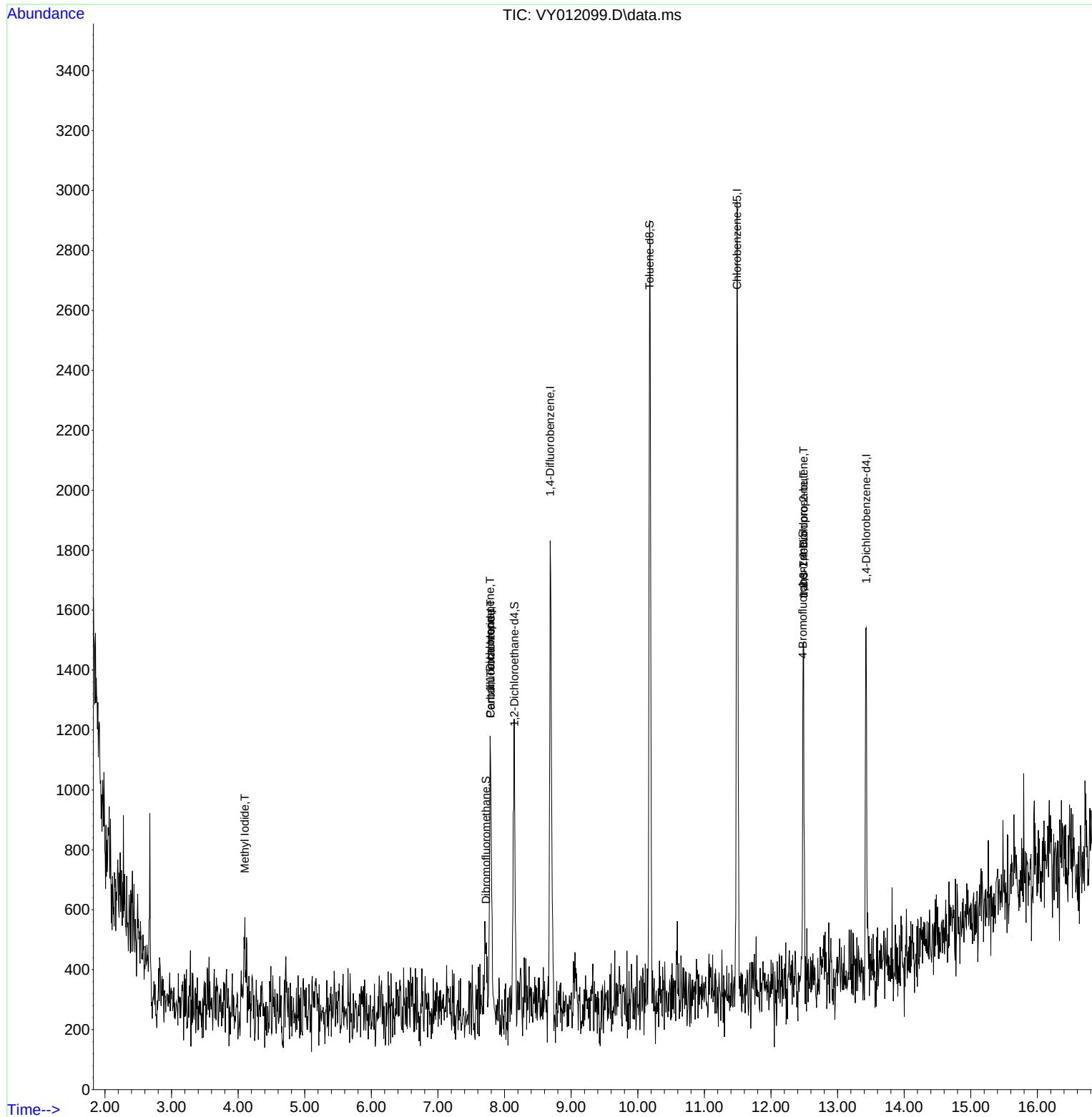
Internal Standards						
1) Pentafluorobenzene	7.789	168	1017	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	891	77.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.940%	
35) Dibromofluoromethane	7.722	113	244	18.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 36.840%#	
50) Toluene-d8	10.179	98	2163	41.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.760%	
62) 4-Bromofluorobenzene	12.477	95	402	22.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 44.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	24	Below Cal	#	70
10) Methyl Iodide	4.101	142	350	25.465	ug/l	# 81
20) Methylene Chloride	4.723	84	65	Below Cal	#	8
36) 1,1-Dichloropropene	7.783	75	28	1.393	ug/l	# 41
38) Carbon Tetrachloride	7.789	117	68	2.666	ug/l	# 14
76) 1,2,3-Trichloropropane	12.489	75	137	26.429	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	137	58.694	ug/l	# 13

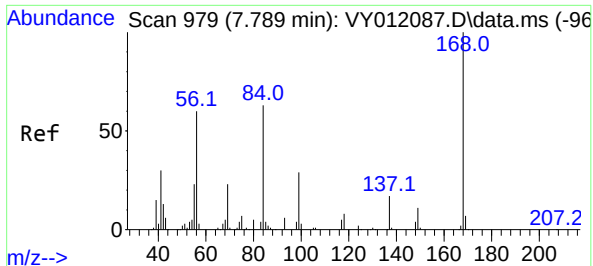
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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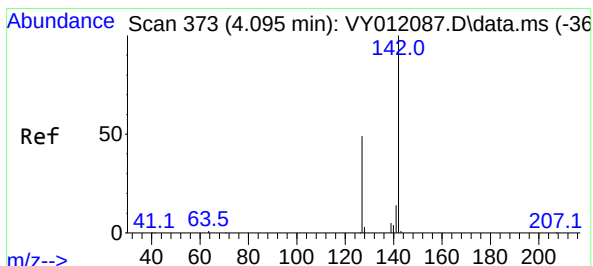
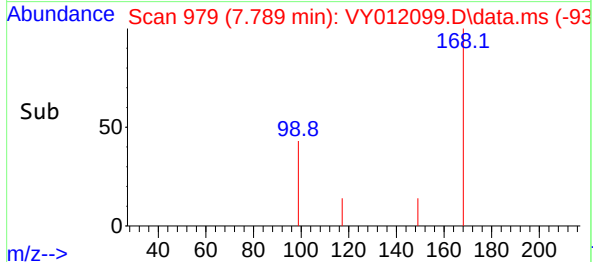
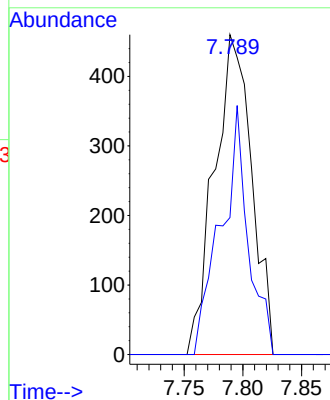
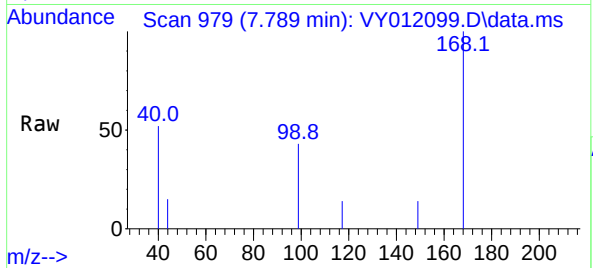




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

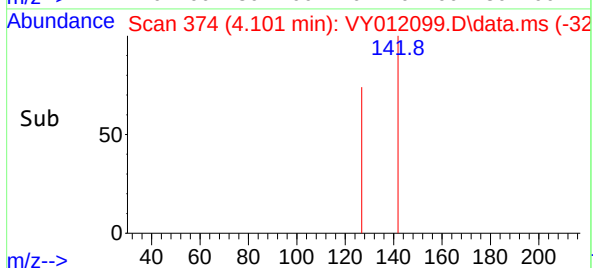
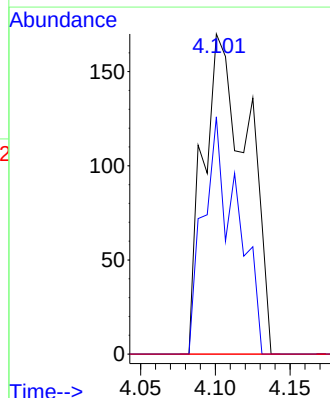
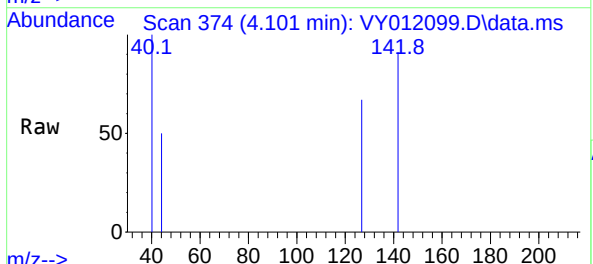
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-010523

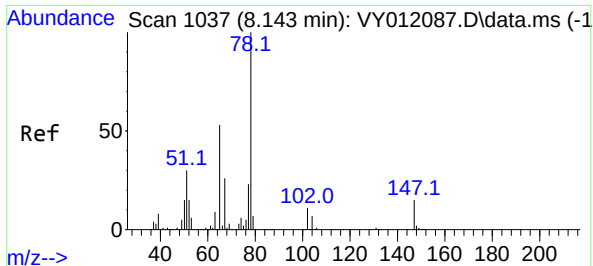
Tgt Ion:168 Resp: 1017
Ion Ratio Lower Upper
168 100
99 42.8 44.0 66.0#



#10
Methyl Iodide
Concen: 25.465 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Tgt Ion:142 Resp: 350
Ion Ratio Lower Upper
142 100
127 56.0 37.0 55.4#
141 0.0 11.4 17.0#

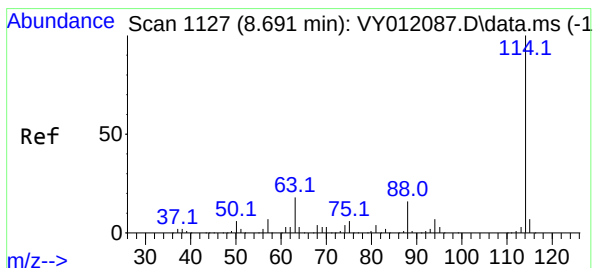
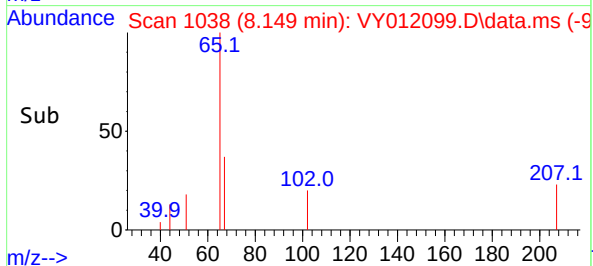
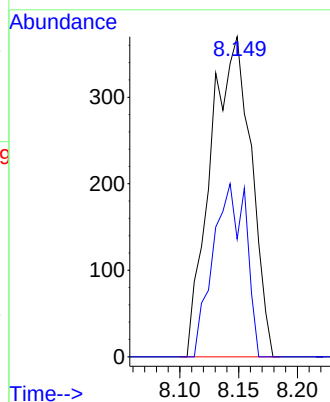
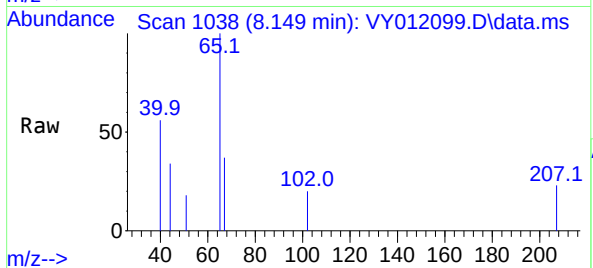




#33
 1,2-Dichloroethane-d4
 Concen: 77.969 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY012099.D
 Acq: 06 Jan 2023 18:11

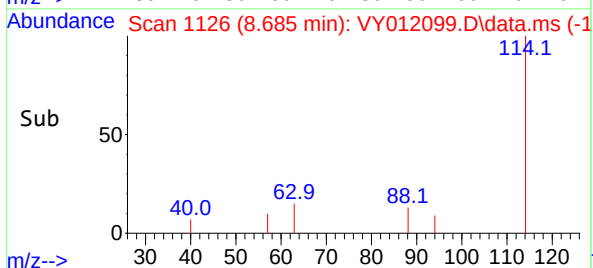
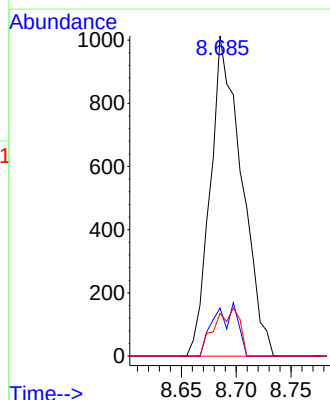
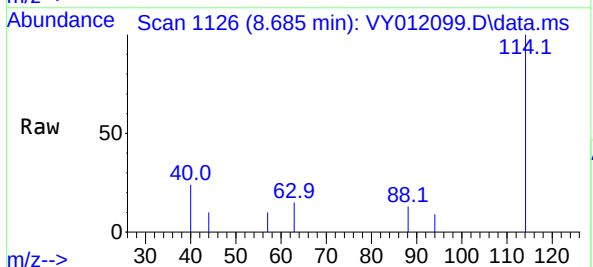
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-010523

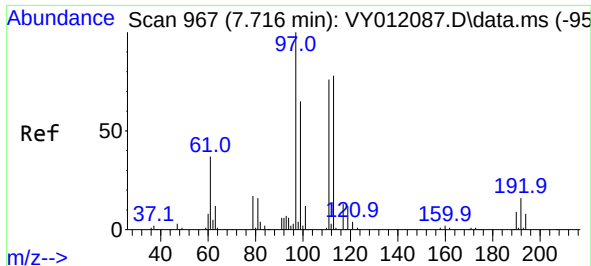
Tgt Ion: 65 Resp: 891
 Ion Ratio Lower Upper
 65 100
 67 43.5 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012099.D
 Acq: 06 Jan 2023 18:11

Tgt Ion: 114 Resp: 2015
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 39.6
 88 13.3 0.0 32.2

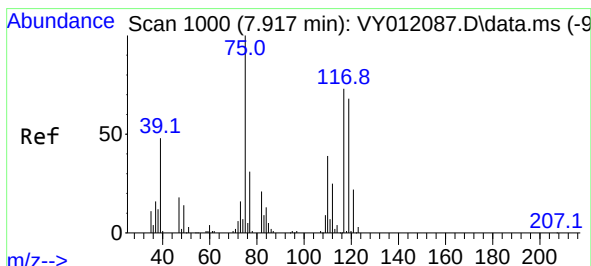
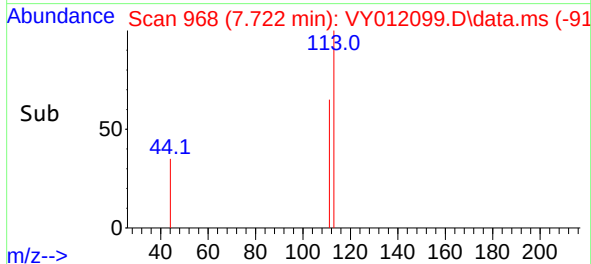
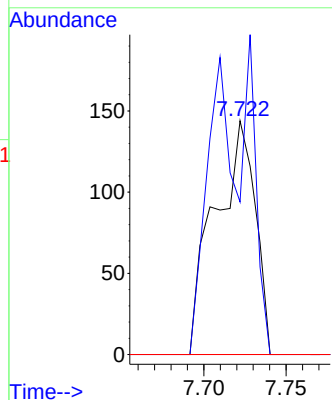
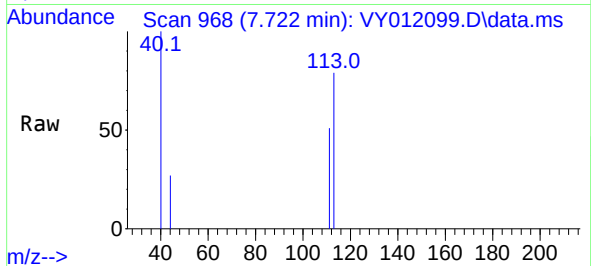




#35
 Dibromofluoromethane
 Concen: 18.423 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY012099.D
 Acq: 06 Jan 2023 18:11

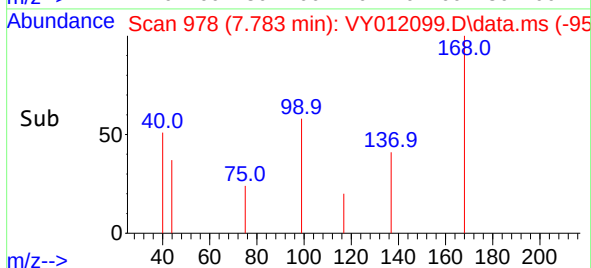
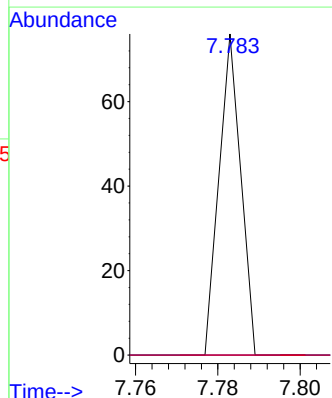
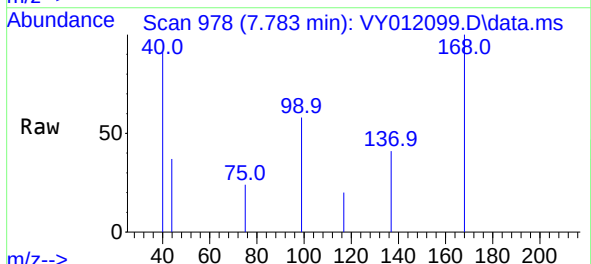
Instrument :
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 ClientSampleId :
 CL-01-010523

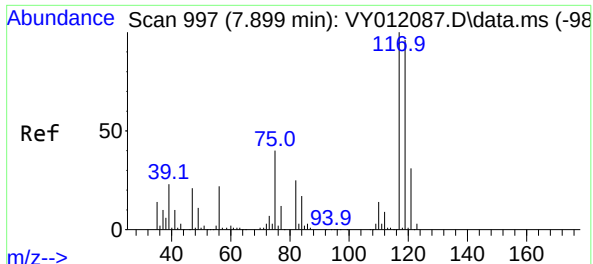
Tgt Ion:113 Resp: 244
 Ion Ratio Lower Upper
 113 100
 111 125.4 83.0 124.4#
 192 0.0 16.0 24.0#



#36
 1,1-Dichloropropene
 Concen: 1.393 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY012099.D
 Acq: 06 Jan 2023 18:11

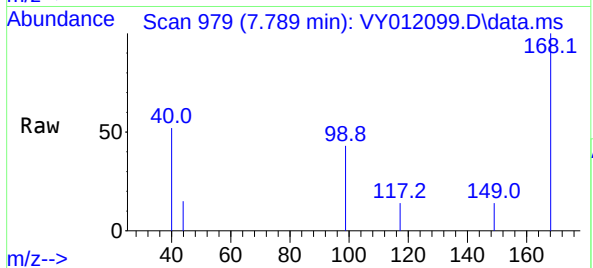
Tgt Ion: 75 Resp: 28
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.1#
 77 0.0 25.1 37.7#



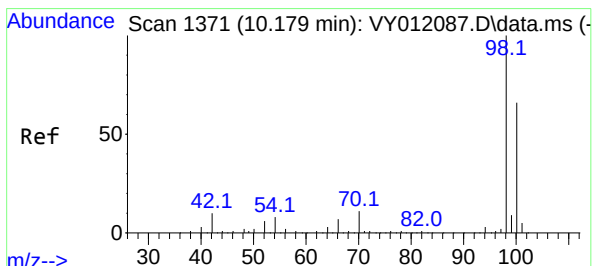
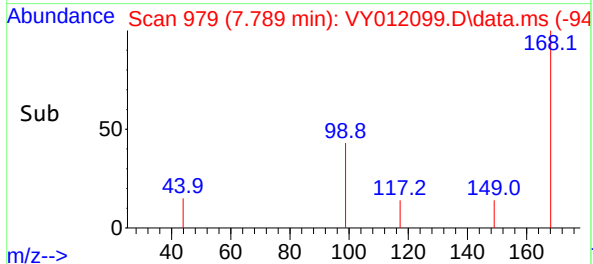
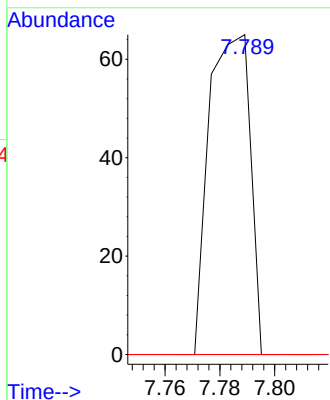


#38
Carbon Tetrachloride
Concen: 2.666 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-010523

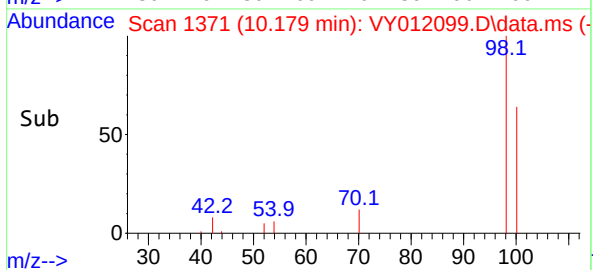
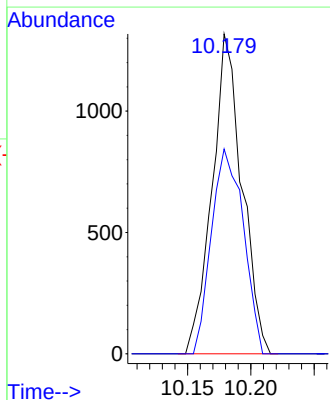
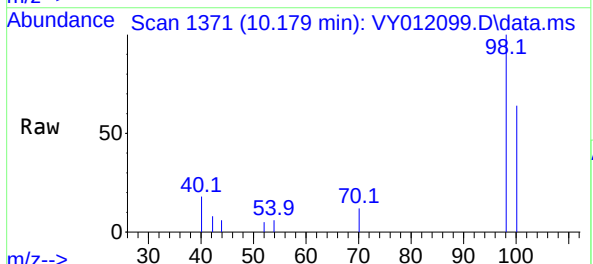


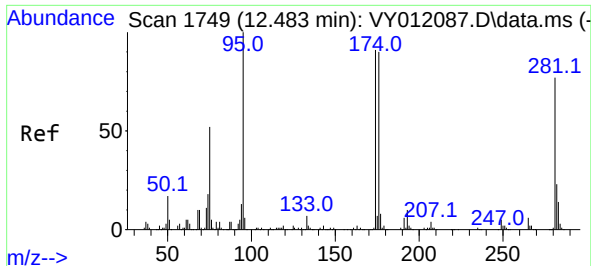
Tgt Ion:117 Resp: 68
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 41.377 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Tgt Ion: 98 Resp: 2163
Ion Ratio Lower Upper
98 100
100 68.2 51.9 77.9



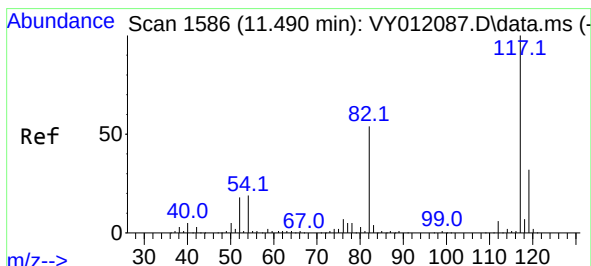
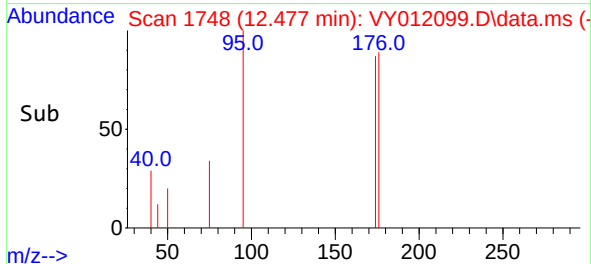
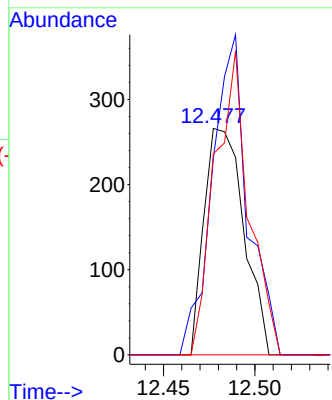
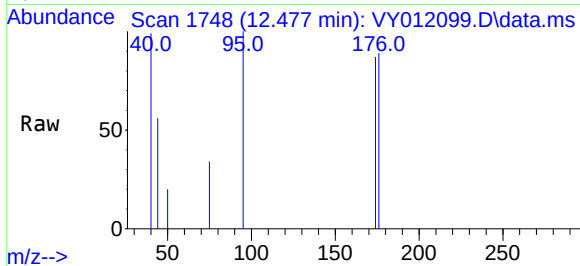


#62
4-Bromofluorobenzene
Concen: 22.000 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-010523

Tgt Ion: 95 Resp: 402

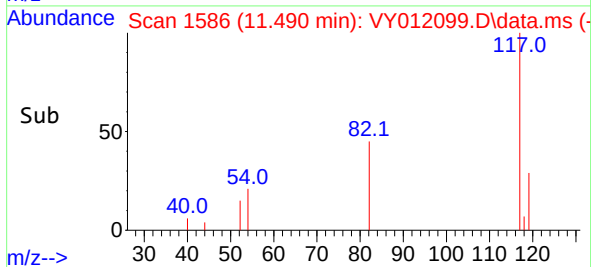
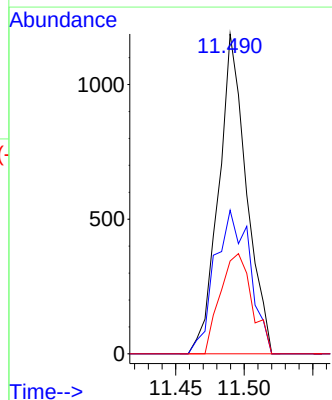
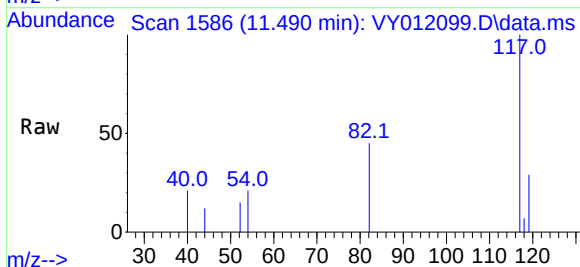
Ion	Ratio	Lower	Upper
95	100		
174	127.1	0.0	172.0
176	115.2	0.0	167.6

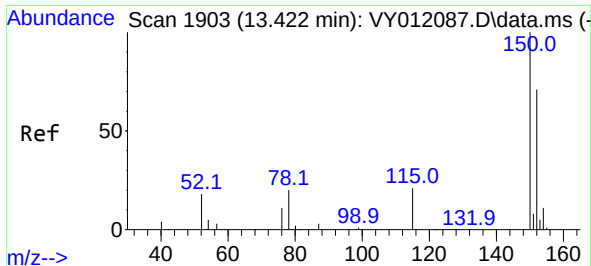


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

Tgt Ion: 117 Resp: 1681

Ion	Ratio	Lower	Upper
117	100		
82	44.9	44.8	67.2
119	29.0	25.4	38.2

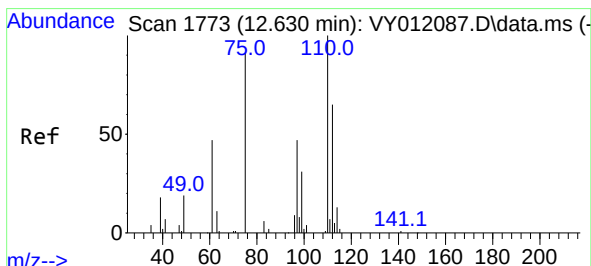
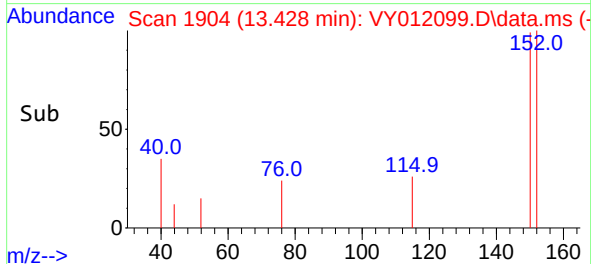
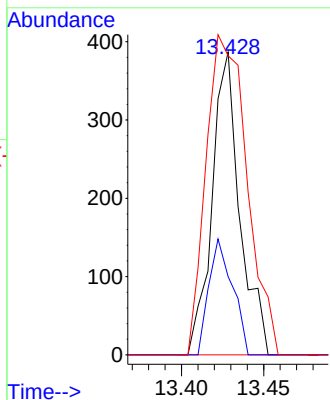
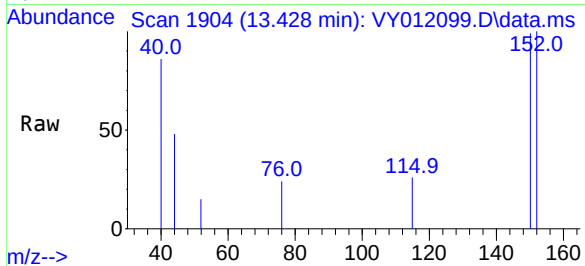




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

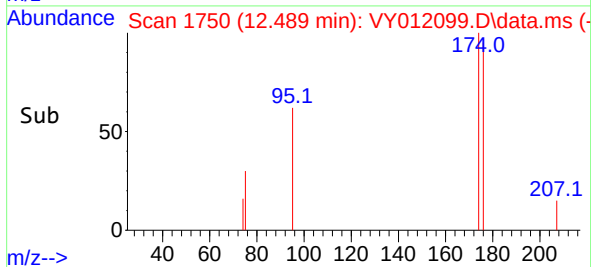
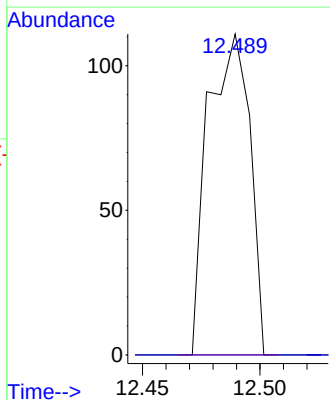
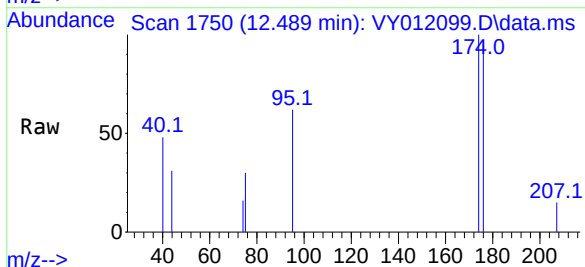
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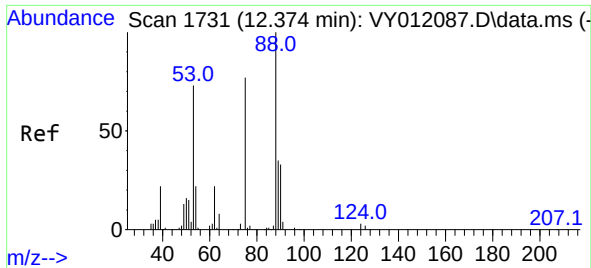
Tgt Ion:152 Resp: 454
Ion Ratio Lower Upper
152 100
115 32.6 29.1 87.3
150 155.7 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 26.429 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.141 min
Lab File: VY012099.D
Acq: 06 Jan 2023 18:11

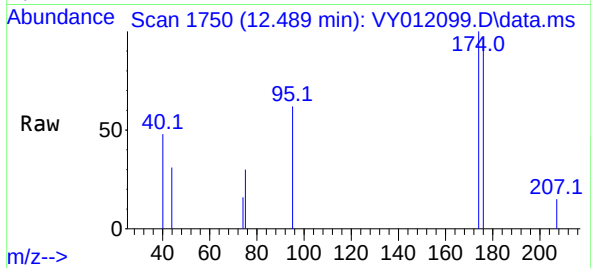
Tgt Ion: 75 Resp: 137
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.694 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.115 min
 Lab File: VY012099.D
 Acq: 06 Jan 2023 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-010523



Tgt Ion: 75 Resp: 137
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

