

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012328.D
 Acq On : 23 Jan 2023 20:52
 Operator : KP/MD
 Sample : 01243-07
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 01:31:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

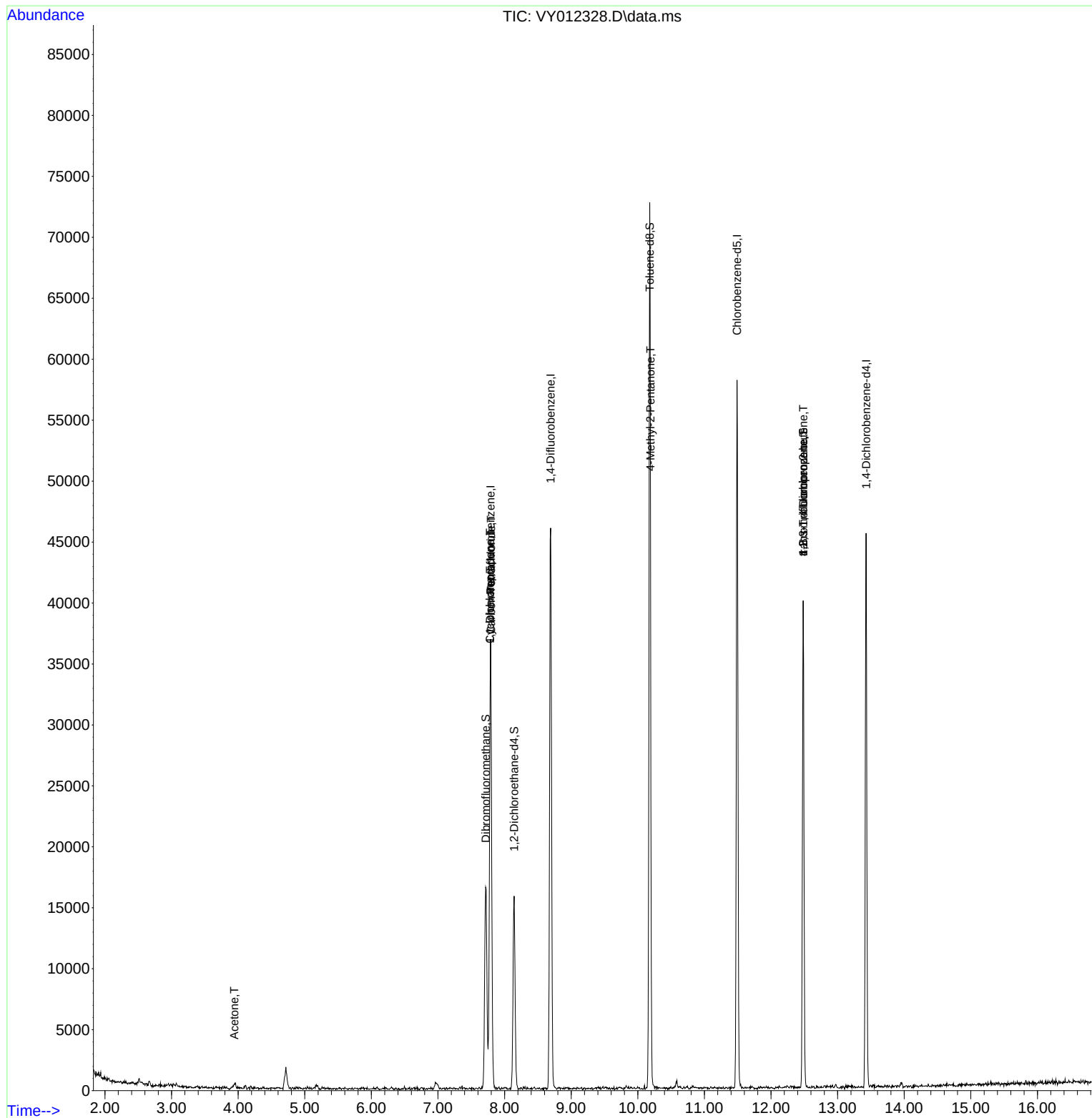
Internal Standards						
1) Pentafluorobenzene	7.789	168	29447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13273	54.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.500%	
35) Dibromofluoromethane	7.716	113	11740	51.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.179	98	49935	64.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 128.200%	
62) 4-Bromofluorobenzene	12.483	95	11619	35.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	317	3.866	ug/l	89
20) Methylene Chloride	4.716	84	1274	Below Cal	#	69
31) Cyclohexane	7.783	56	505	1.176	ug/l	# 47
36) 1,1-Dichloropropene	7.783	75	2046	5.252	ug/l	# 45
38) Carbon Tetrachloride	7.795	117	2772	5.510	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.191	43	191	1.121	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	6190	52.034	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	6190	107.213	ug/l	# 13

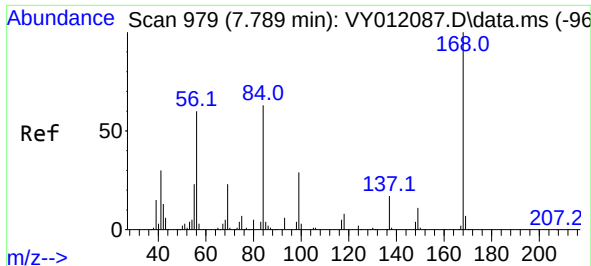
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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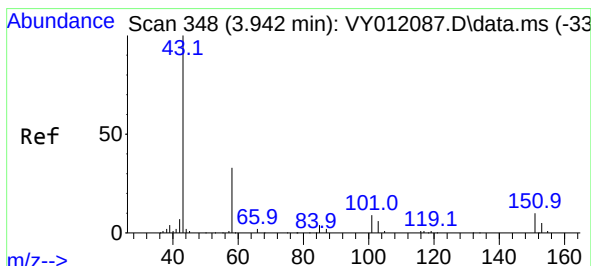
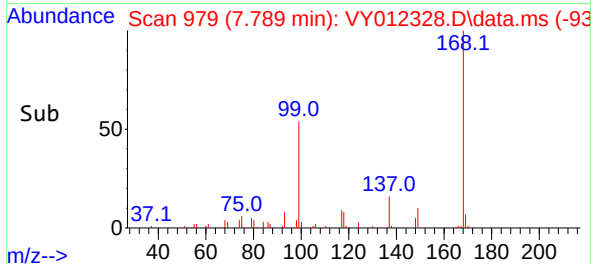
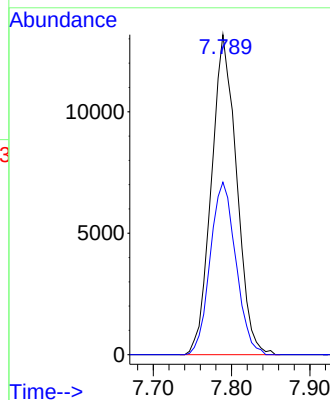
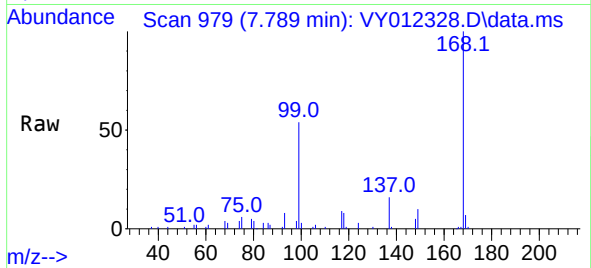




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

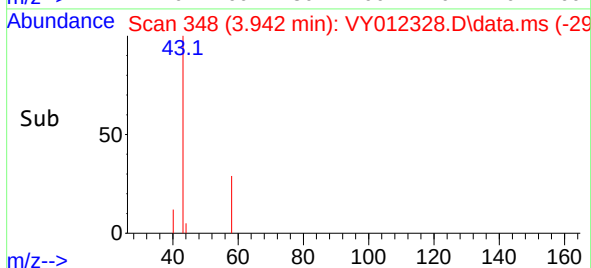
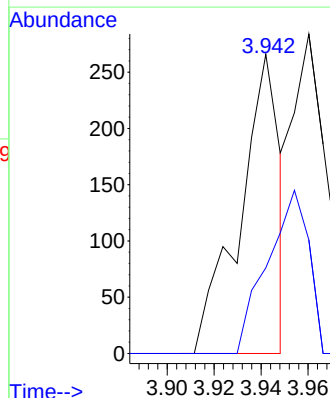
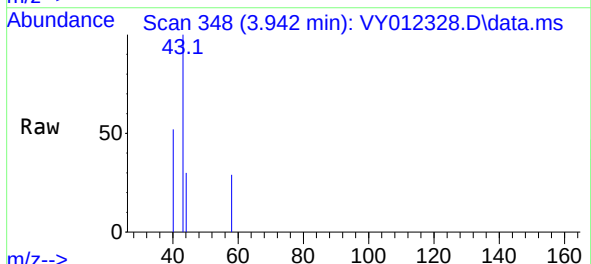
Instrument :
MSVOA_Y
ClientSampleId :

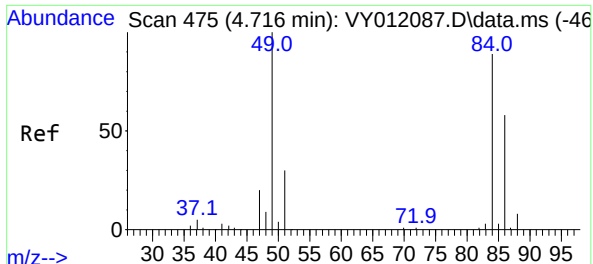
Tgt Ion:168 Resp: 29447
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#16
Acetone
Concen: 3.866 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

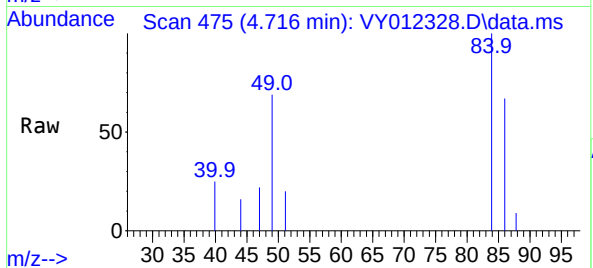
Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
58 28.6 27.9 41.9





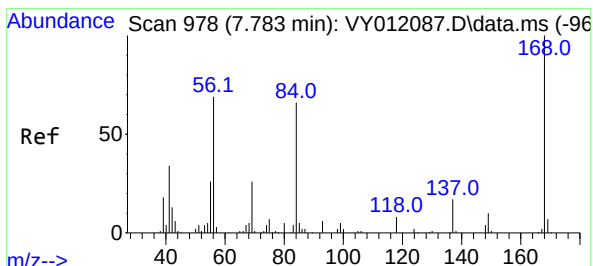
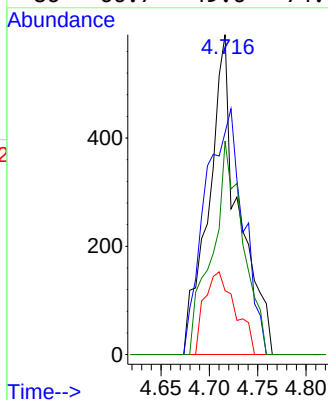
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1274

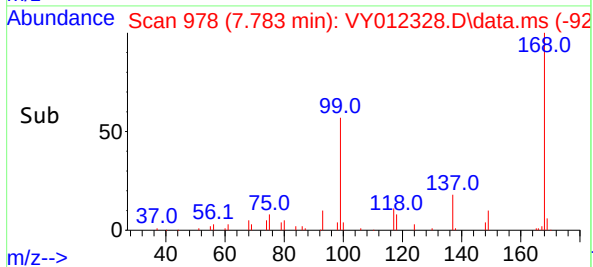
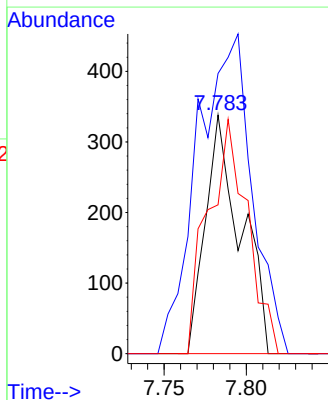
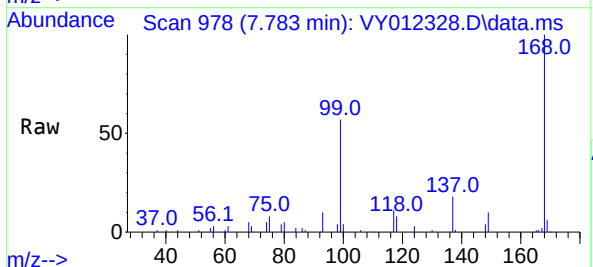
Ion	Ratio	Lower	Upper
84	100		
49	69.4	95.4	143.2#
51	20.0	29.9	44.9#
86	66.7	49.6	74.4

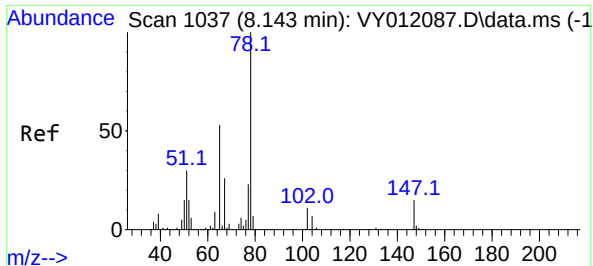


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Tgt Ion: 56 Resp: 505

Ion	Ratio	Lower	Upper
56	100		
69	102.4	29.2	43.8#
84	62.4	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 54.753 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012328.D

Acq: 23 Jan 2023 20:52

Instrument :

MSVOA_Y

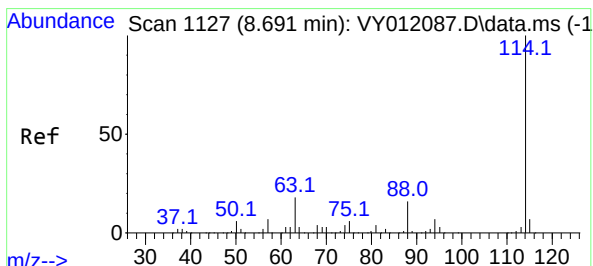
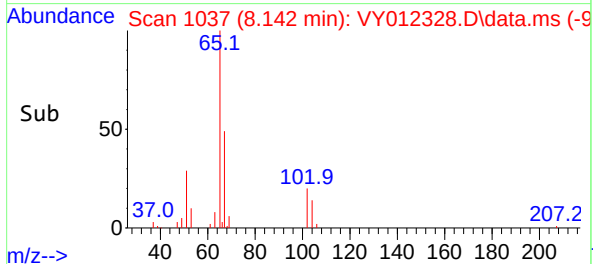
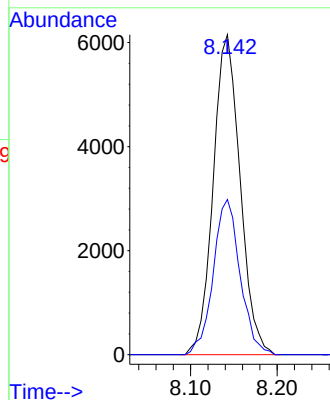
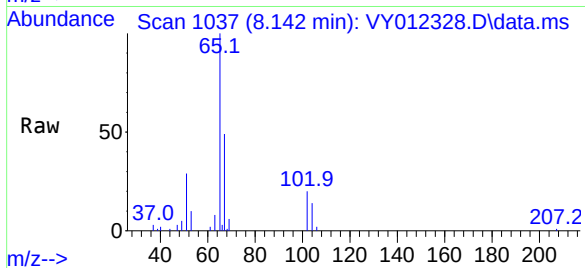
ClientSampleId :

Tgt Ion: 65 Resp: 13273

Ion Ratio Lower Upper

65 100

67 48.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012328.D

Acq: 23 Jan 2023 20:52

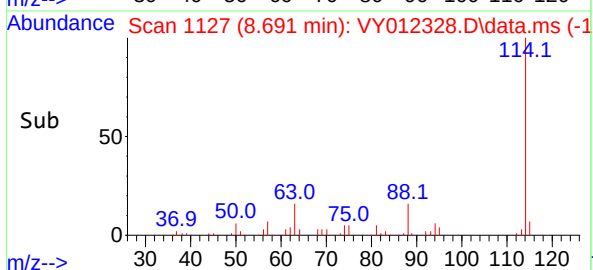
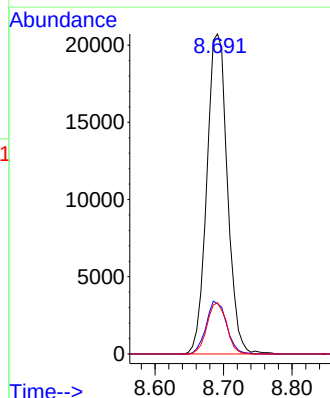
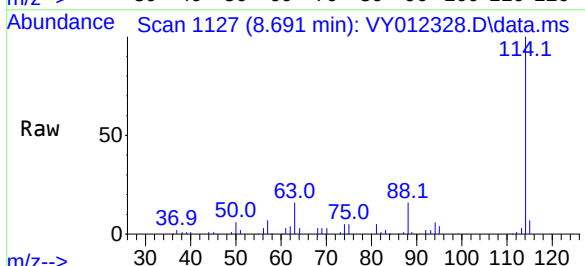
Tgt Ion: 114 Resp: 43289

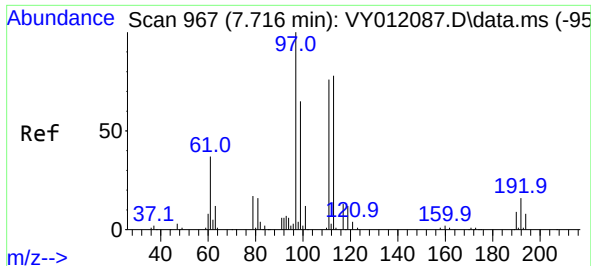
Ion Ratio Lower Upper

114 100

63 15.7 0.0 39.6

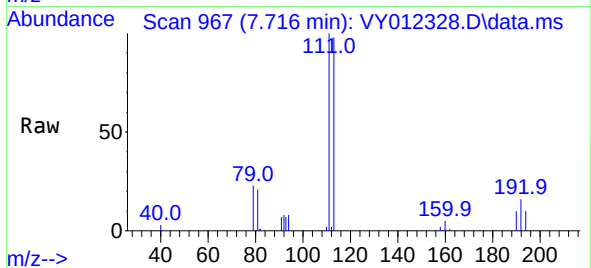
88 16.0 0.0 32.2



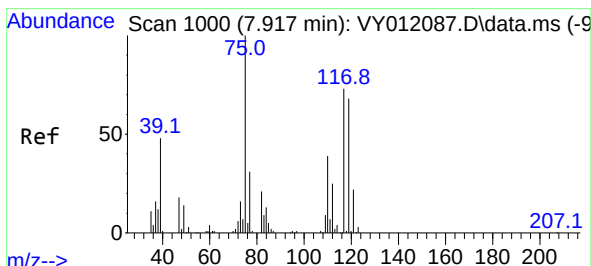
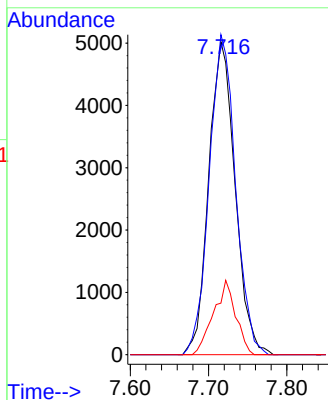
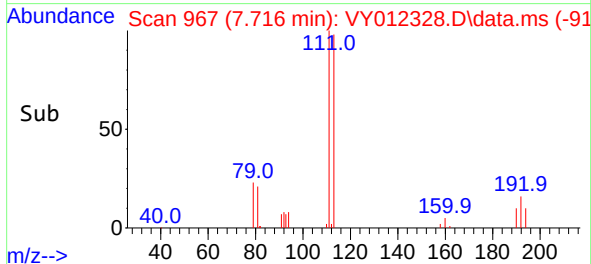


#35
Dibromofluoromethane
Concen: 51.218 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

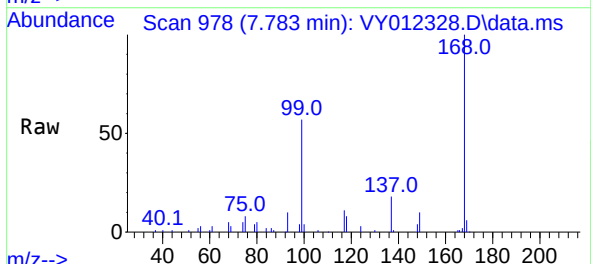
Instrument :
MSVOA_Y
ClientSampleId :



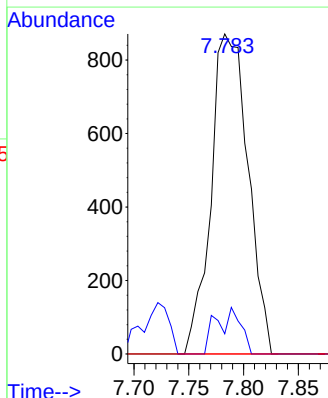
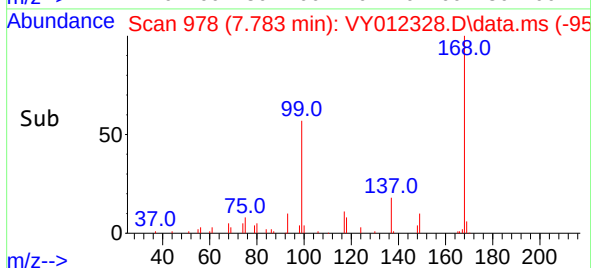
Tgt Ion:113 Resp: 11740
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.4
192 20.1 16.0 24.0

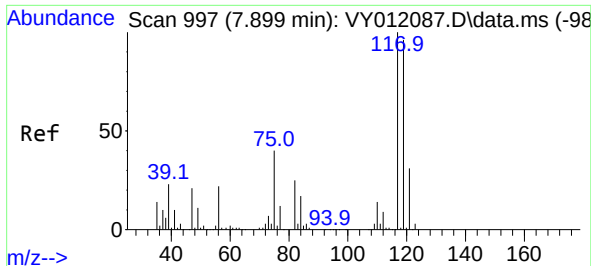


#36
1,1-Dichloropropene
Concen: 5.252 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52



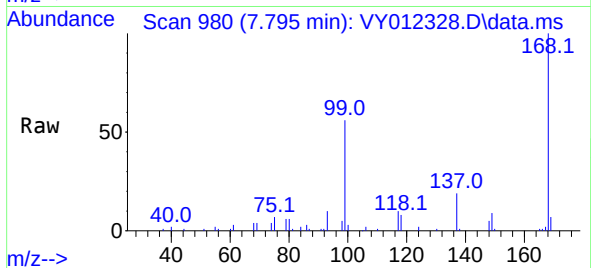
Tgt Ion: 75 Resp: 2046
Ion Ratio Lower Upper
75 100
110 5.0 18.1 54.1#
77 0.0 25.1 37.7#



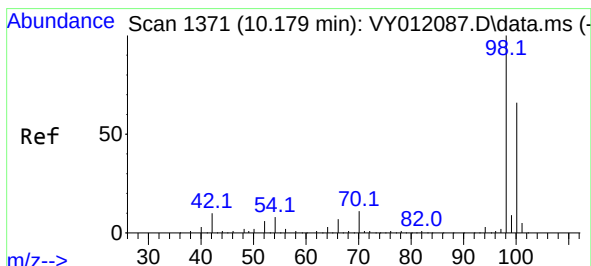
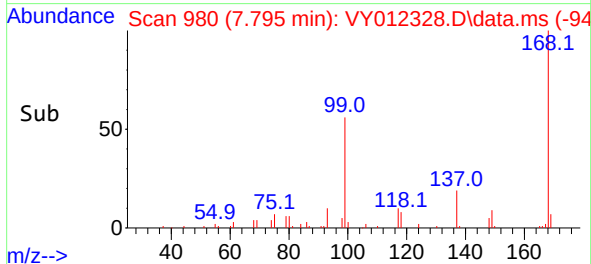
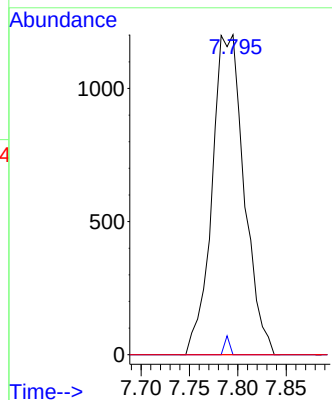


#38
Carbon Tetrachloride
Concen: 5.510 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Instrument :
MSVOA_Y
ClientSampleId :

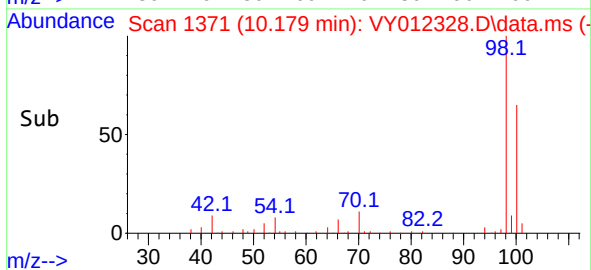
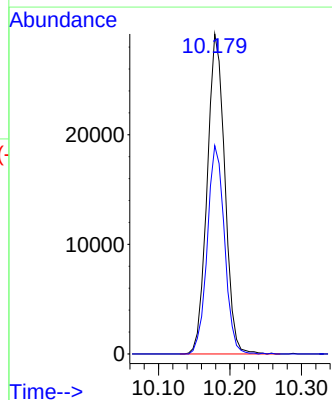
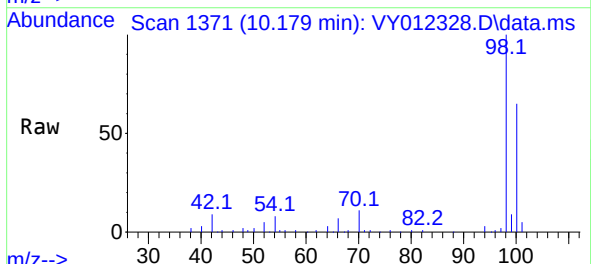


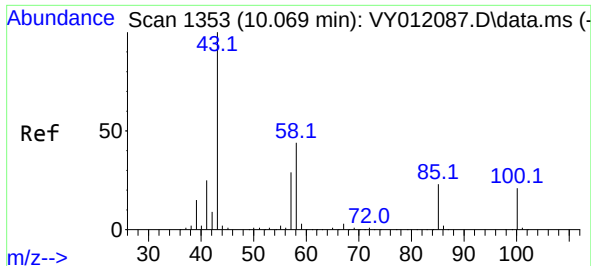
Tgt Ion:117 Resp: 2772
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 64.097 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Tgt Ion: 98 Resp: 49935
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

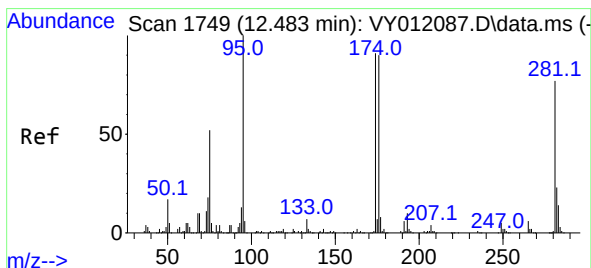
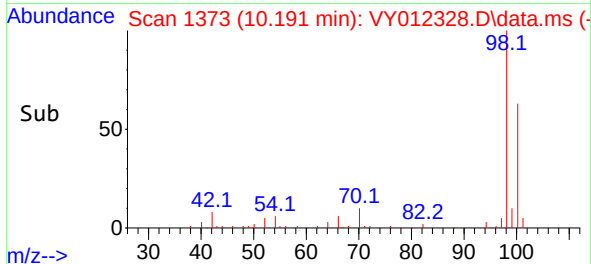
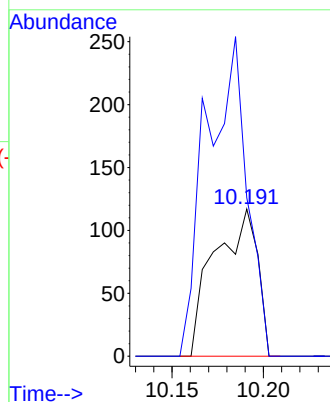
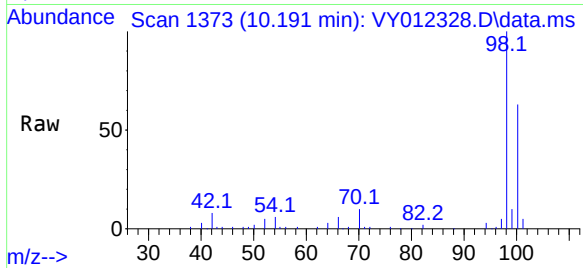




#51
4-Methyl-2-Pentanone
Concen: 1.121 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.122 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

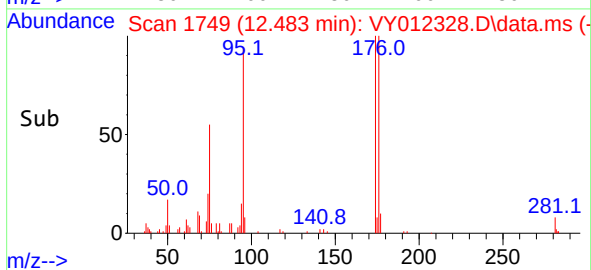
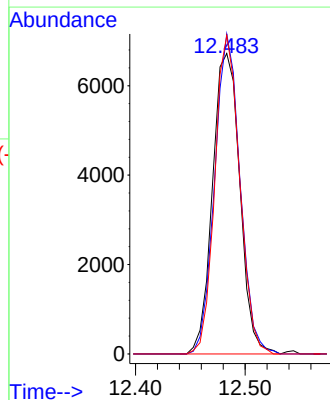
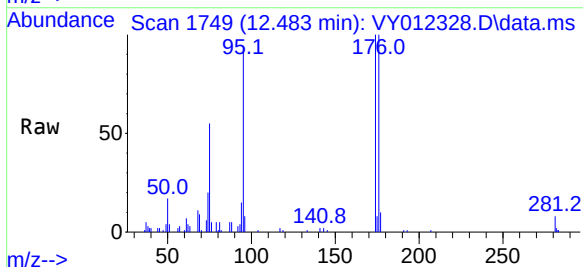
Instrument :
MSVOA_Y
ClientSampleId :

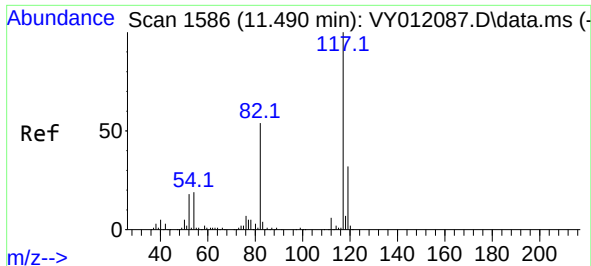
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
58 204.7 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 35.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

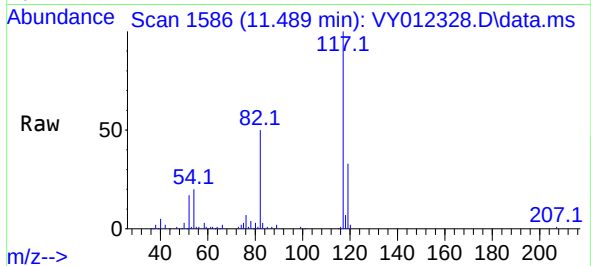
Tgt Ion: 95 Resp: 11619
Ion Ratio Lower Upper
95 100
174 99.0 0.0 172.0
176 96.6 0.0 167.6



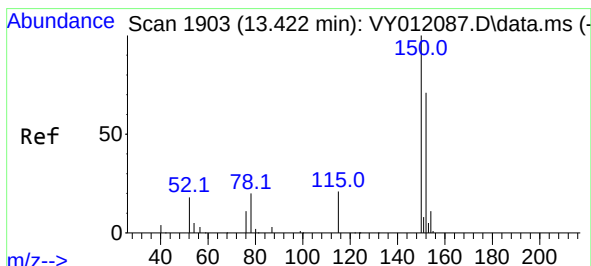
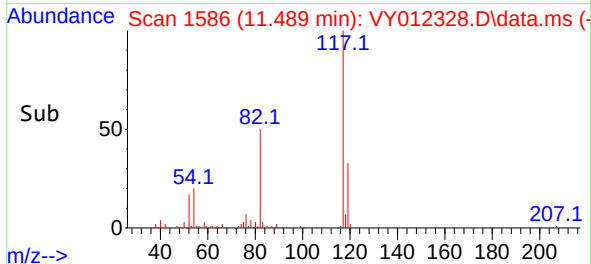
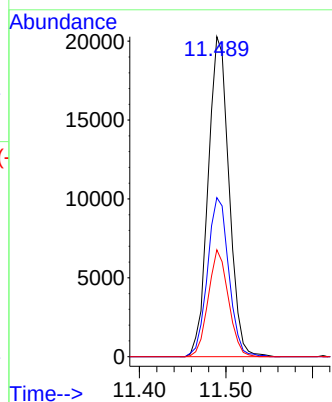


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Instrument :
MSVOA_Y
ClientSampleId :

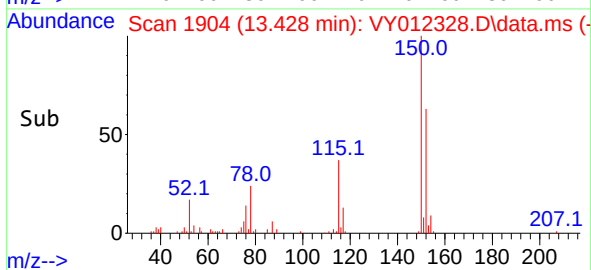
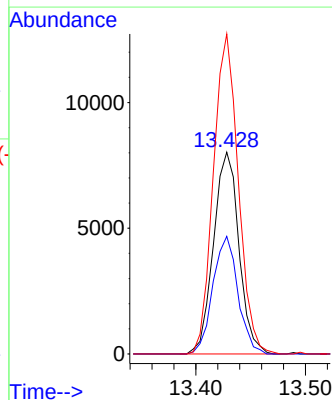
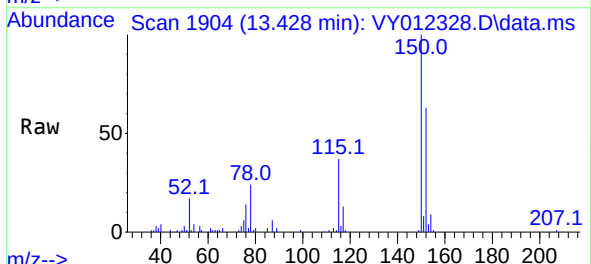


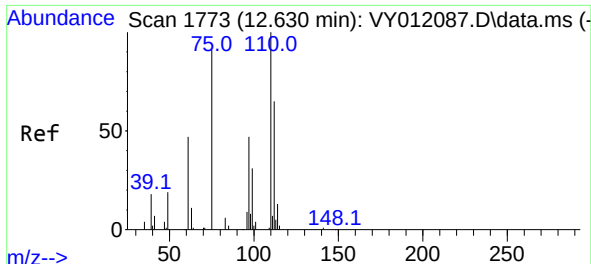
Tgt Ion:117 Resp: 33883
Ion Ratio Lower Upper
117 100
82 49.7 44.8 67.2
119 33.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Tgt Ion:152 Resp: 12937
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 155.3 0.0 342.6

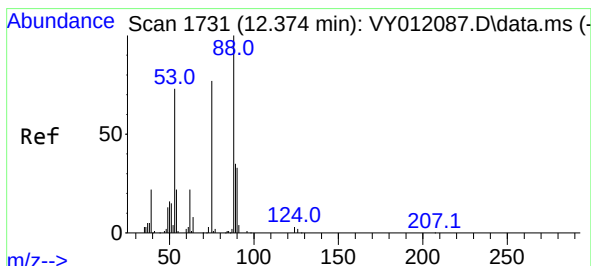
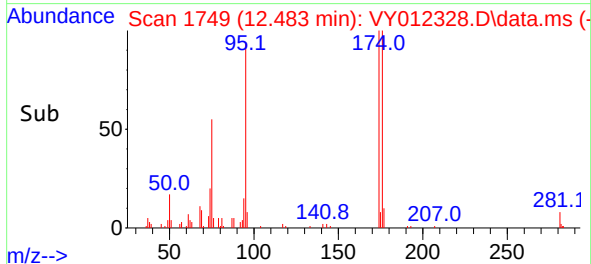
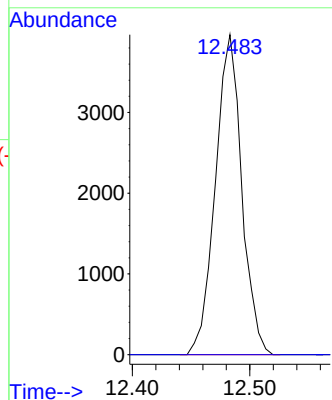
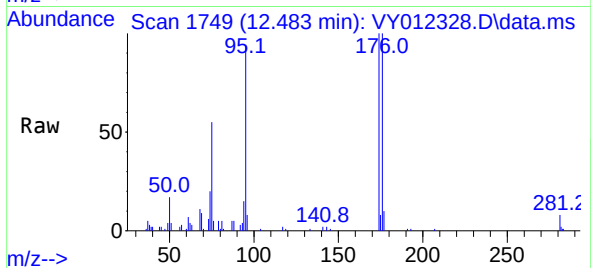




#76
1,2,3-Trichloropropane
Concen: 52.034 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 6190
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 107.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012328.D
Acq: 23 Jan 2023 20:52

Tgt Ion: 75 Resp: 6190
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

