

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012776.D
 Acq On : 02 Mar 2023 21:55
 Operator : KP/MD
 Sample : 01767-05
 Misc : 7.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-54-030123

Quant Time: Mar 03 02:01:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

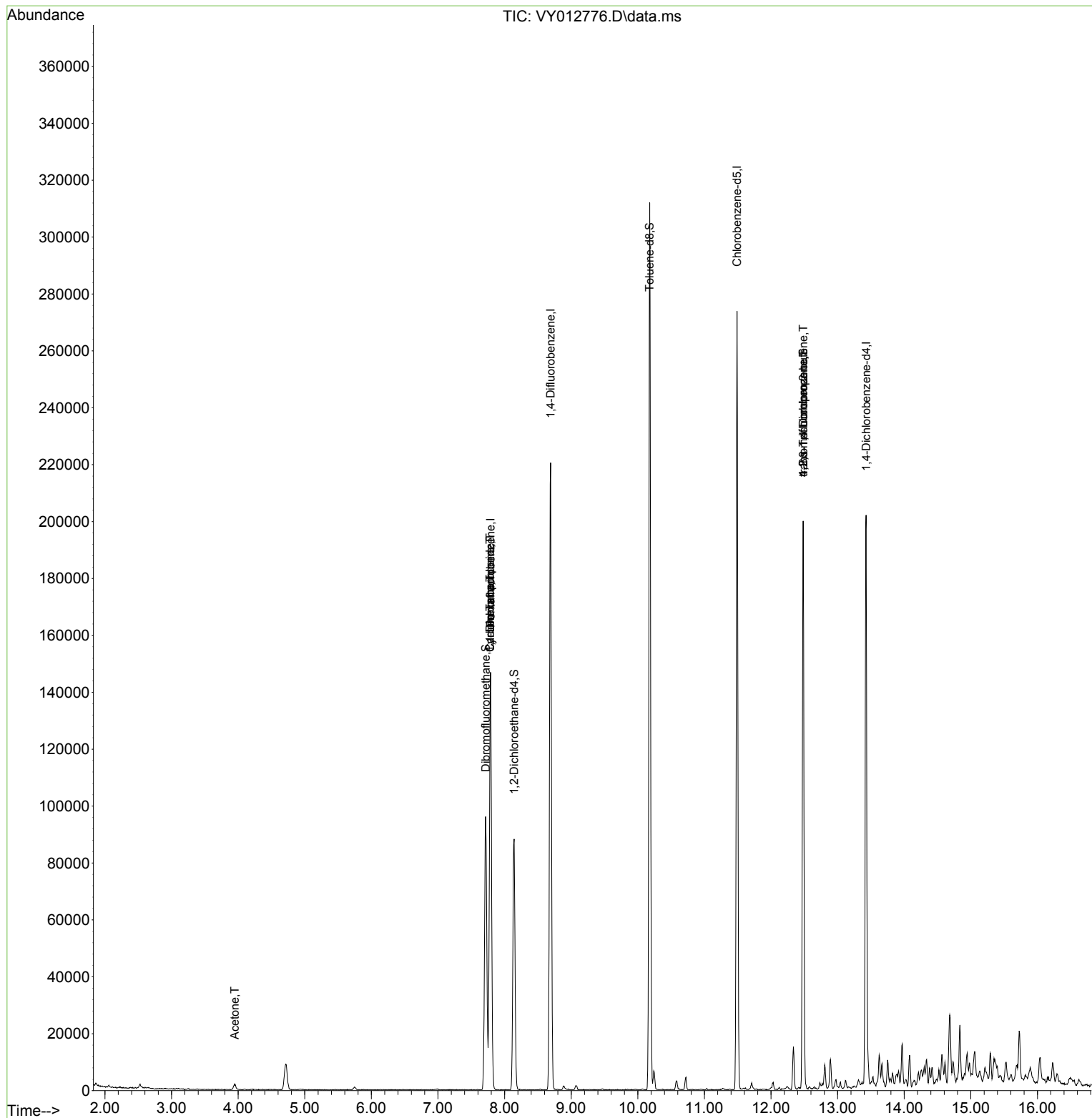
Internal Standards						
1) Pentafluorobenzene	7.789	168	113234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	143062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69060	61.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.860%
35) Dibromofluoromethane	7.716	113	66714	60.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.200%
50) Toluene-d8	10.179	98	201569	49.673	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.483	95	56706	41.402	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	447	Below Cal	#	74
16) Acetone	3.948	43	3451	7.820	ug/l	96
20) Methylene Chloride	4.722	84	6339	Below Cal		98
31) Cyclohexane	7.783	56	2647	1.229	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	8725	4.691	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	10980	5.716	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	30466	49.061	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	30466	101.655	ug/l	# 13

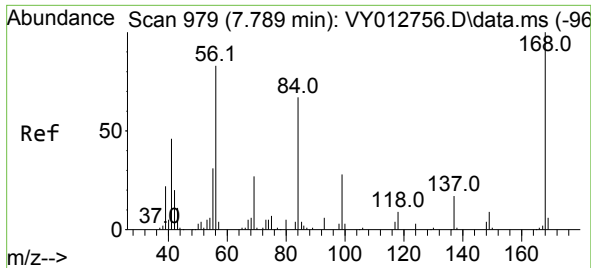
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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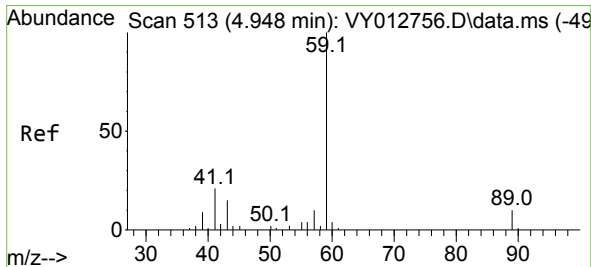
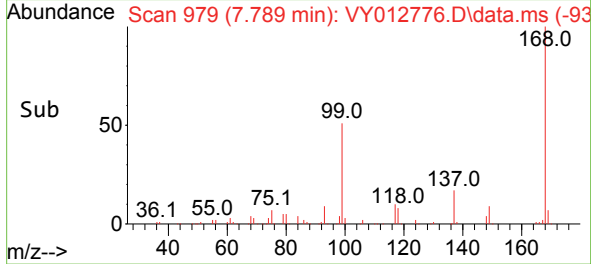
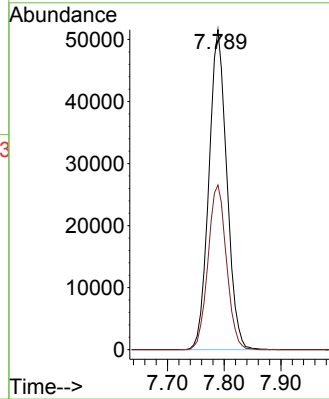
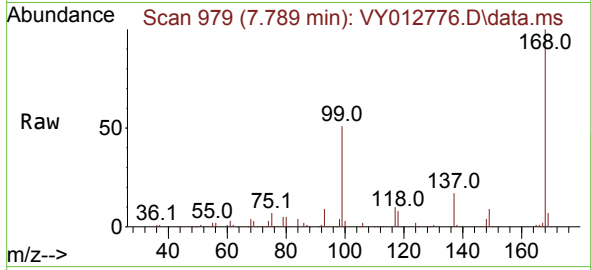




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

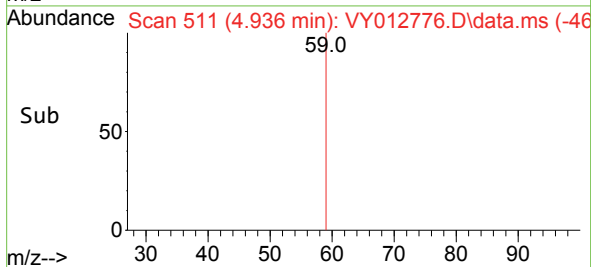
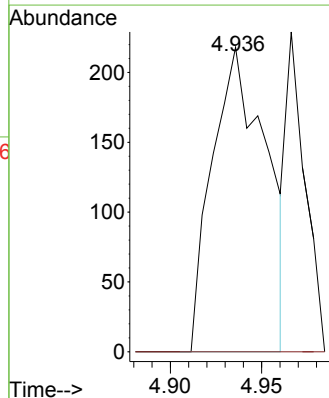
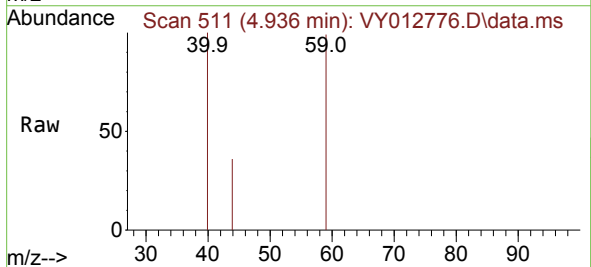
Instrument :
MSVOA_Y
ClientSampleId :
CE-54-030123

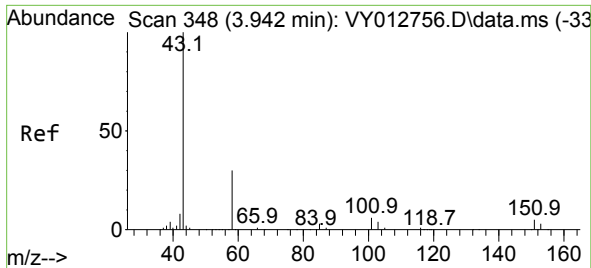
Tgt Ion:168 Resp: 113234
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

Tgt Ion: 59 Resp: 447
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

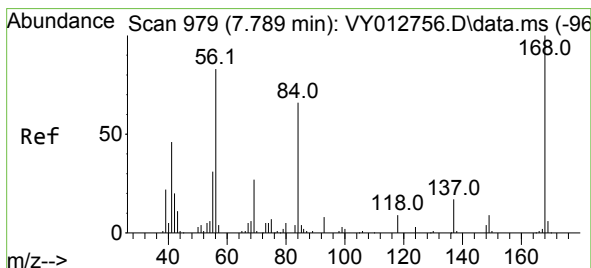
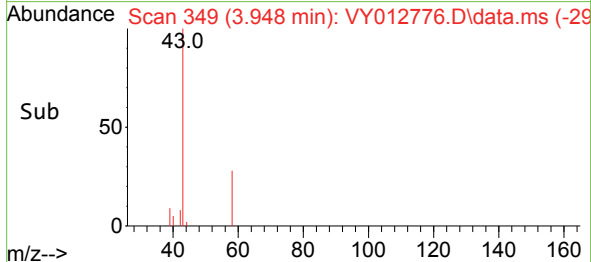
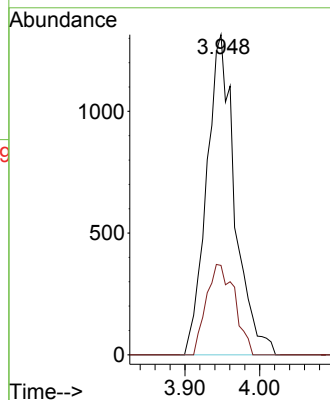
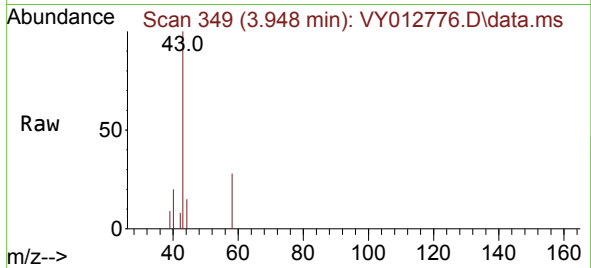




#16
Acetone
Concen: 7.820 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

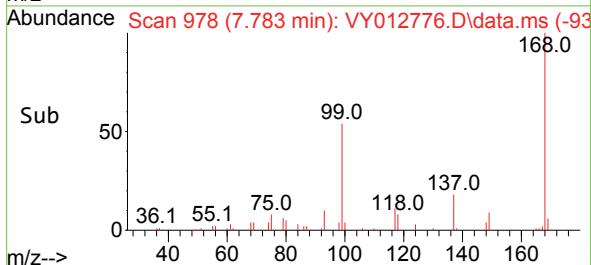
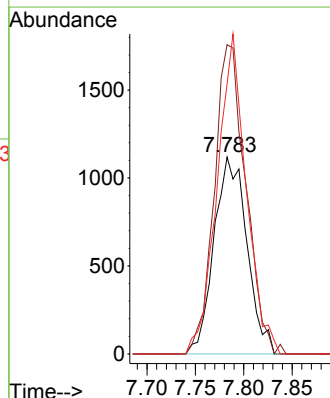
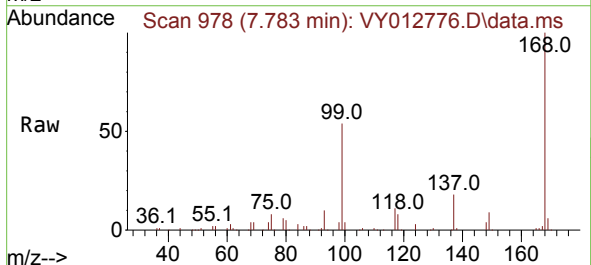
Instrument :
MSVOA_Y
ClientSampleId :
CE-54-030123

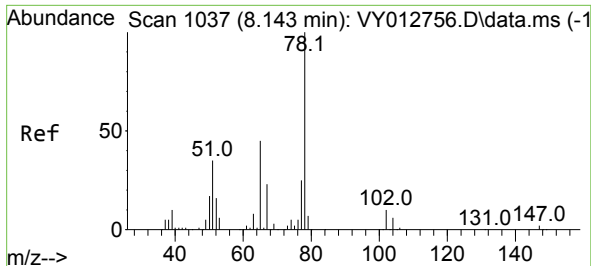
Tgt Ion: 43 Resp: 3451
Ion Ratio Lower Upper
43 100
58 27.9 24.2 36.2



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

Tgt Ion: 56 Resp: 2647
Ion Ratio Lower Upper
56 100
69 157.1 25.7 38.5#
84 137.1 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 61.427 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012776.D

Acq: 02 Mar 2023 21:55

Instrument :

MSVOA_Y

ClientSampleId :

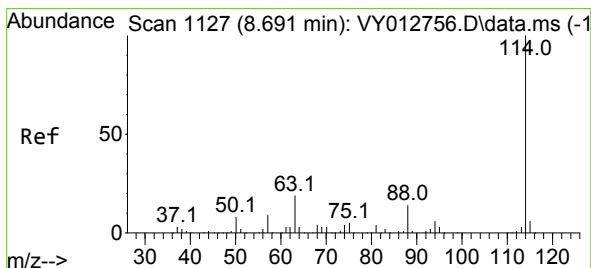
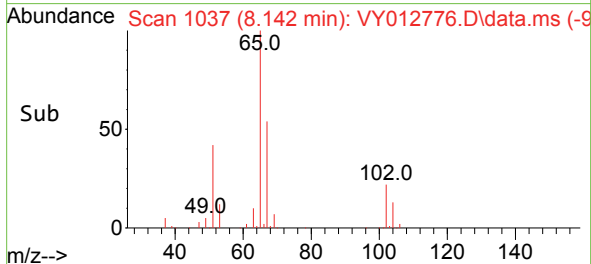
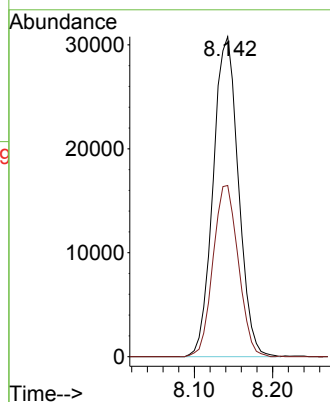
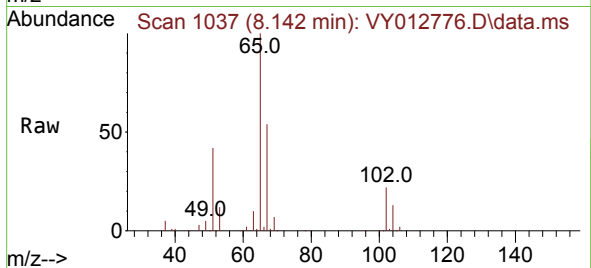
CE-54-030123

Tgt Ion: 65 Resp: 69060

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012776.D

Acq: 02 Mar 2023 21:55

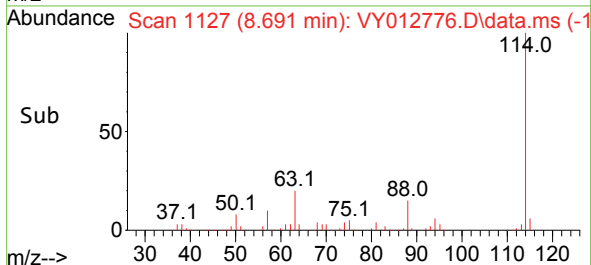
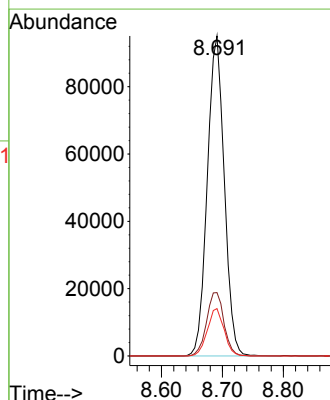
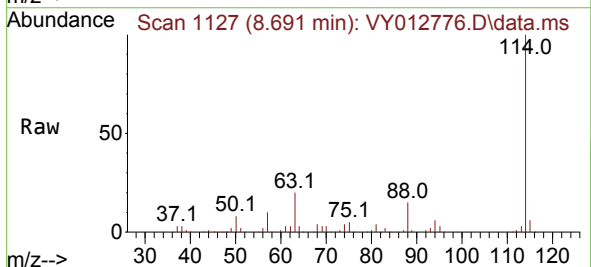
Tgt Ion: 114 Resp: 183925

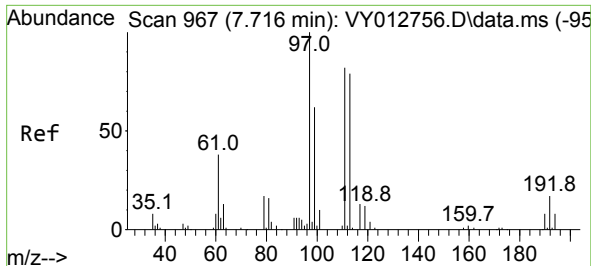
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.8 0.0 28.6

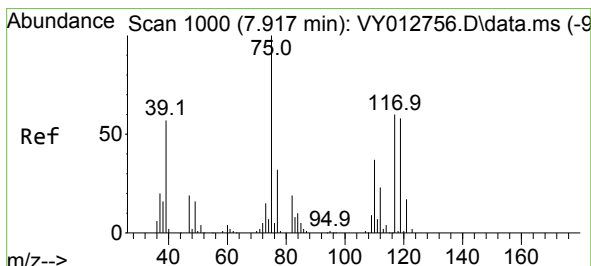
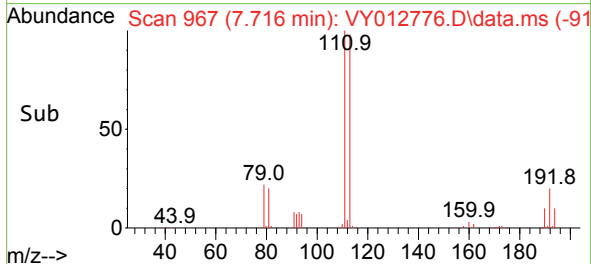
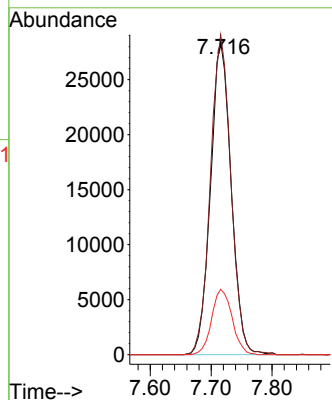
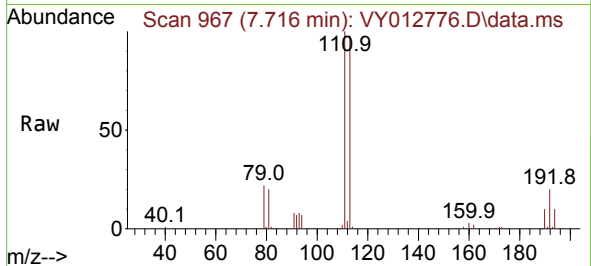




#35
Dibromofluoromethane
Concen: 60.104 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

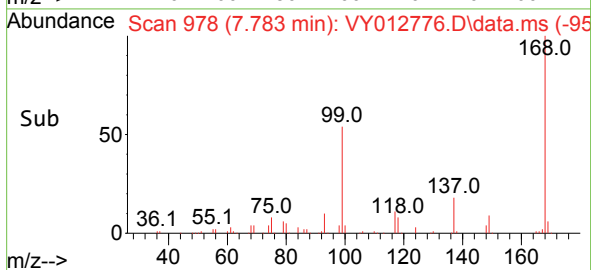
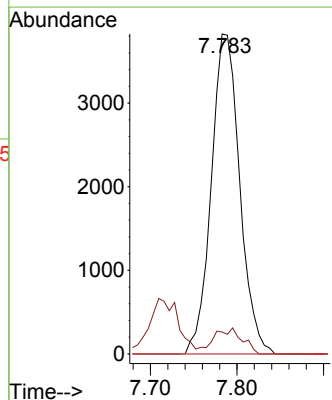
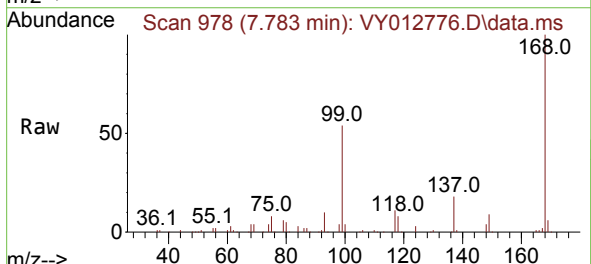
Instrument :
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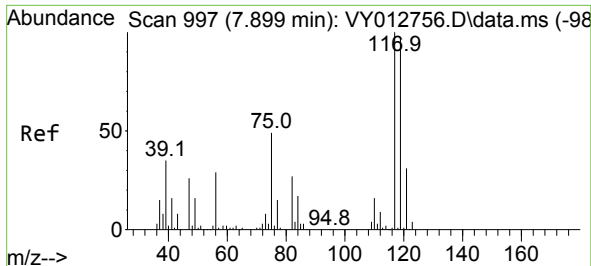
Tgt Ion:113 Resp: 66714
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.691 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

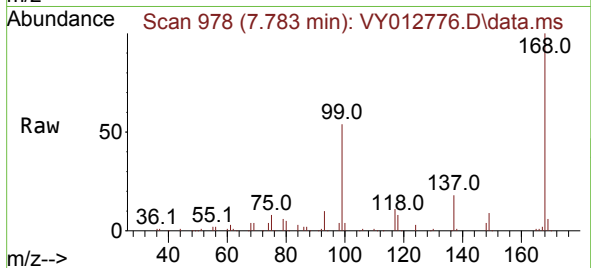
Tgt Ion: 75 Resp: 8725
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.3#
77 0.0 25.0 37.4#



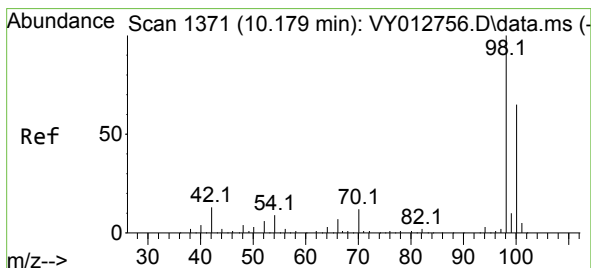
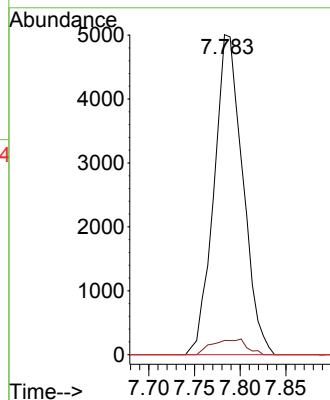
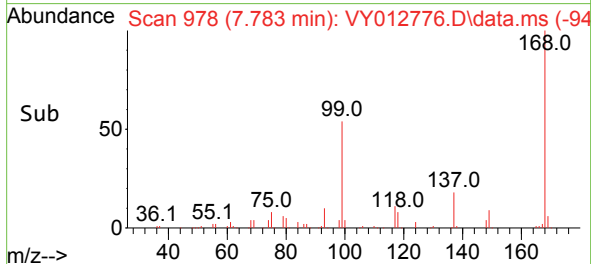


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

Instrument :
MSVOA_Y
ClientSampleId :
CE-54-030123

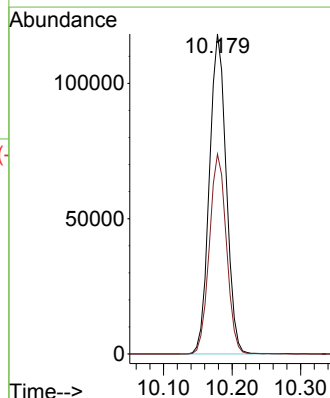
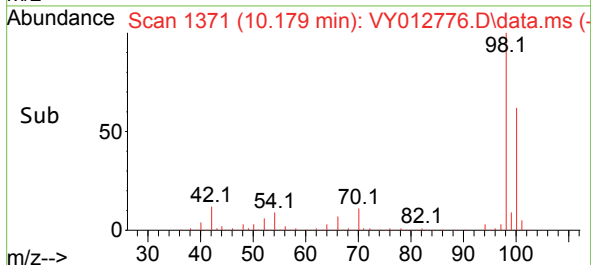
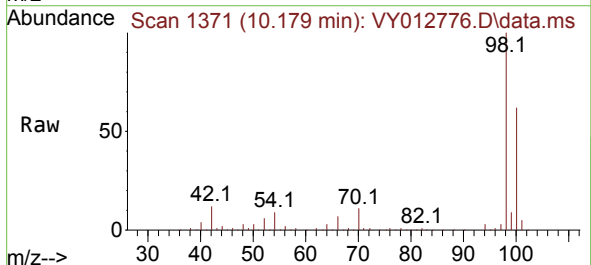


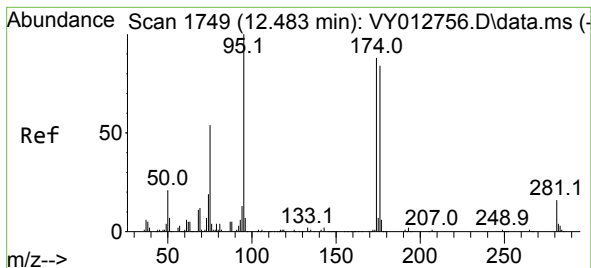
Tgt Ion:117 Resp: 10980
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.673 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

Tgt Ion: 98 Resp: 201569
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

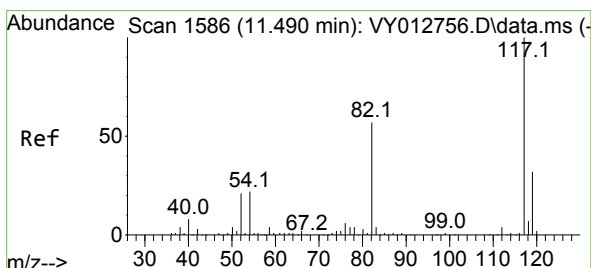
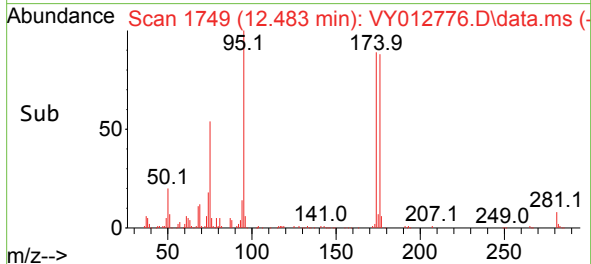
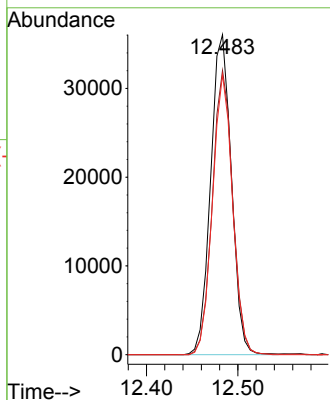
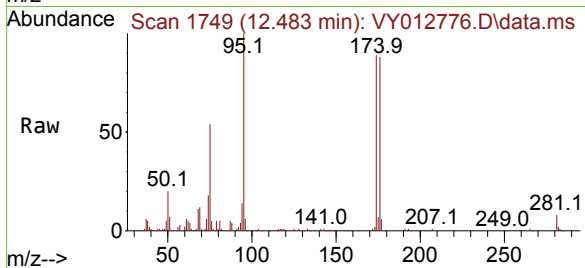




#62
4-Bromofluorobenzene
Concen: 41.402 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

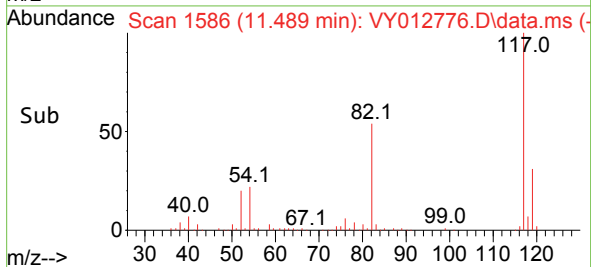
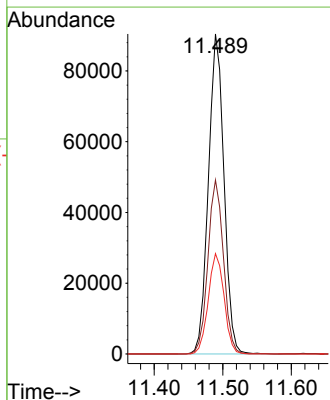
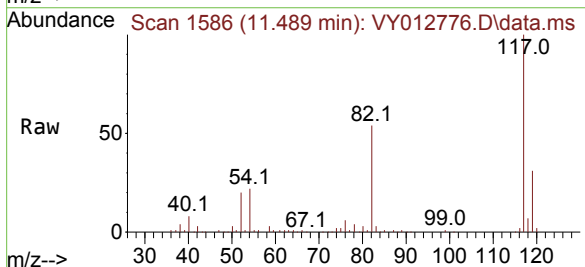
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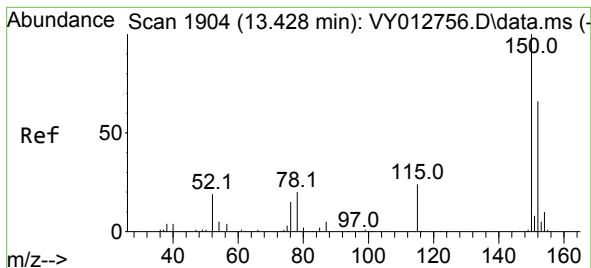
Tgt Ion: 95 Resp: 56706
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 85.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012776.D
Acq: 02 Mar 2023 21:55

Tgt Ion: 117 Resp: 143062
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 31.3 25.6 38.4

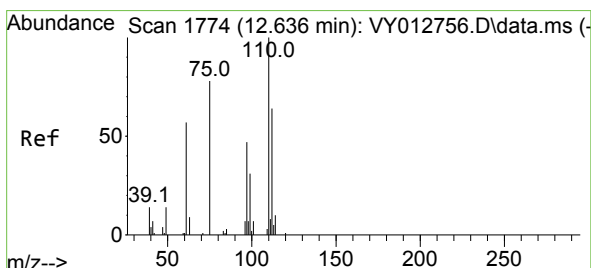
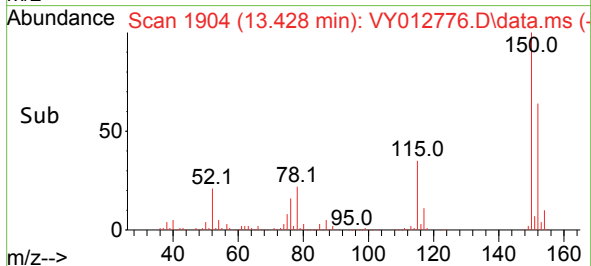
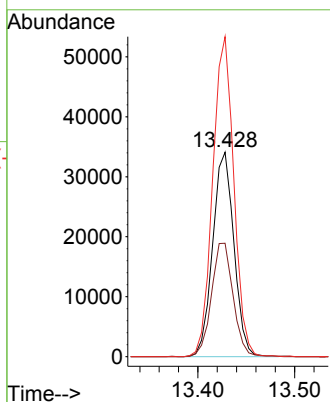
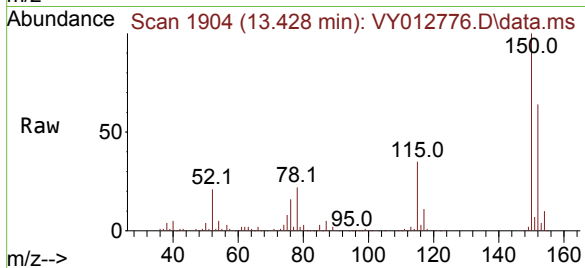




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012776.D
 Acq: 02 Mar 2023 21:55

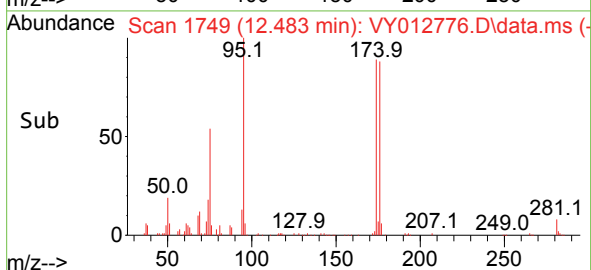
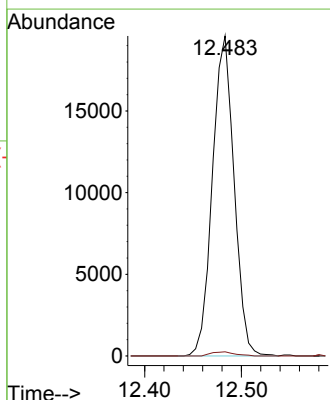
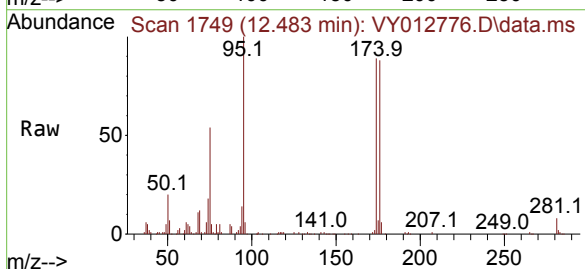
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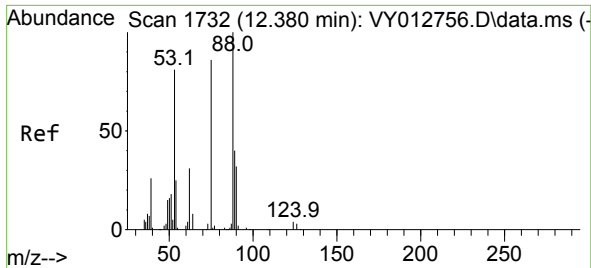
Tgt Ion:152 Resp: 52002
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.1 81.3
 150 155.3 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 49.061 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012776.D
 Acq: 02 Mar 2023 21:55

Tgt Ion: 75 Resp: 30466
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.655 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012776.D
 Acq: 02 Mar 2023 21:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-54-030123

Tgt Ion: 75 Resp: 30466
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.1 36.6 55.0#

