

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012831.D
 Acq On : 06 Mar 2023 18:06
 Operator : KP/MD
 Sample : 01787-02
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Mar 07 04:27:03 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)

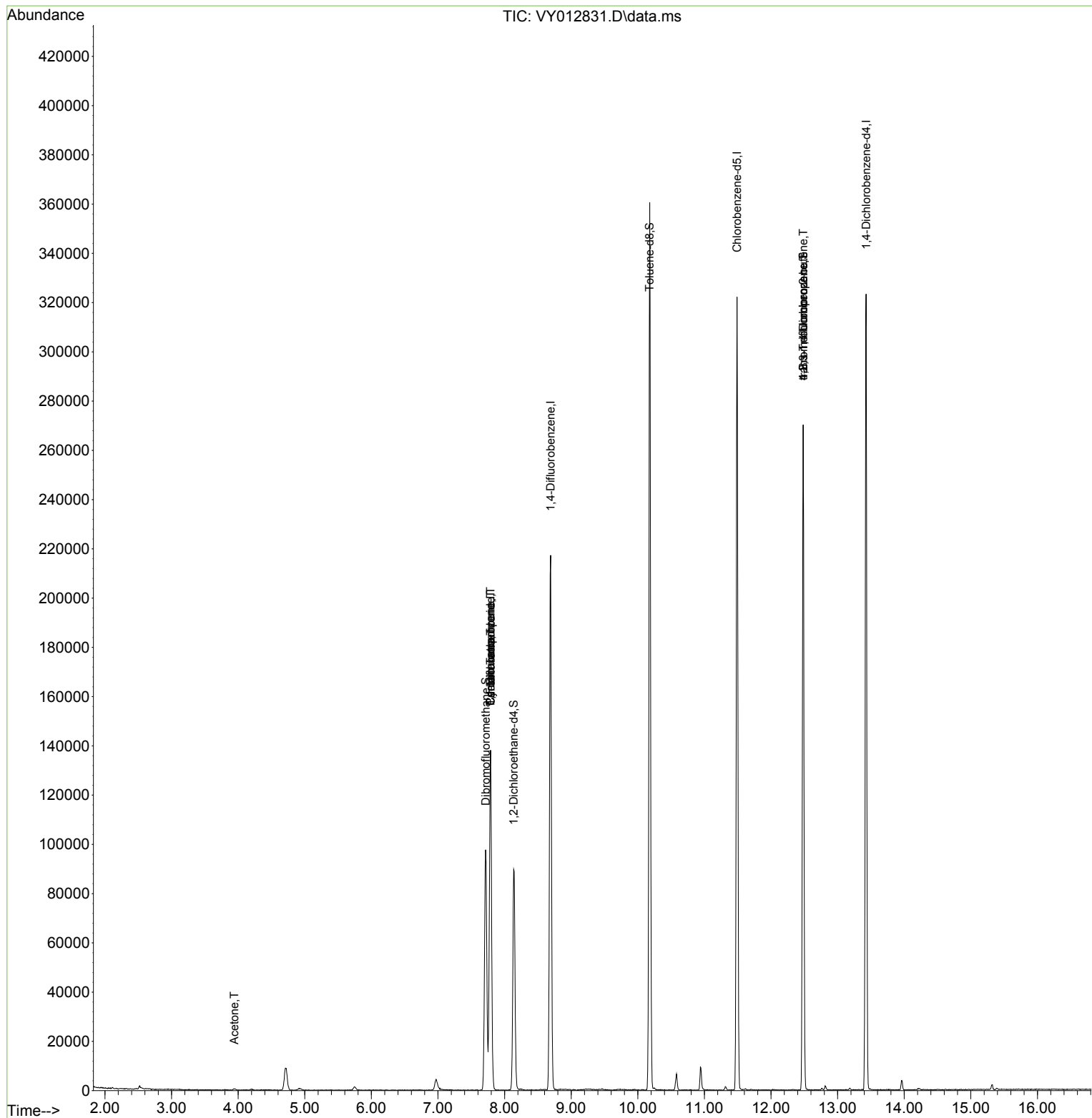
Internal Standards						
1) Pentafluorobenzene	7.789	168	109104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70813	65.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.740%	
35) Dibromofluoromethane	7.716	113	68187	61.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.600%	
50) Toluene-d8	10.179	98	226537	56.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.340%	
62) 4-Bromofluorobenzene	12.483	95	73962	54.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	819	Below Cal	#	74
16) Acetone	3.942	43	806	1.896	ug/l	100
20) Methylene Chloride	4.722	84	6753	Below Cal		90
31) Cyclohexane	7.789	56	2327	1.122	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	8055	4.357	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	10153	5.318	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	39600	39.676	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	39600	82.209	ug/l	# 13

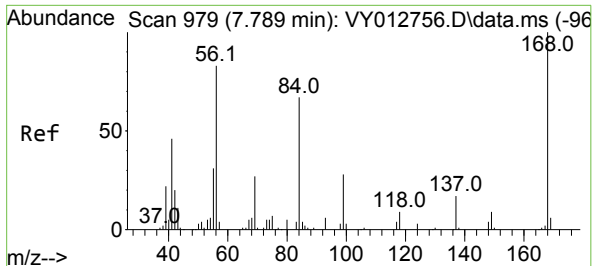
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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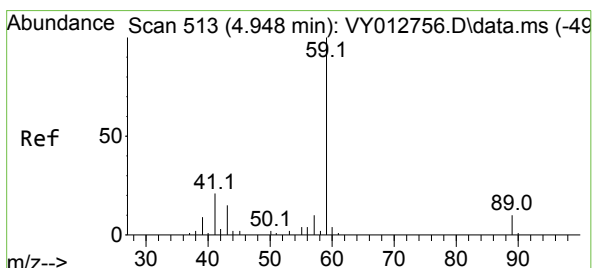
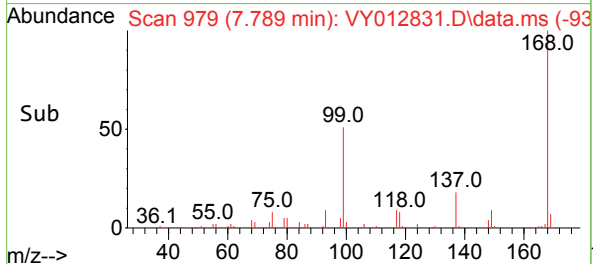
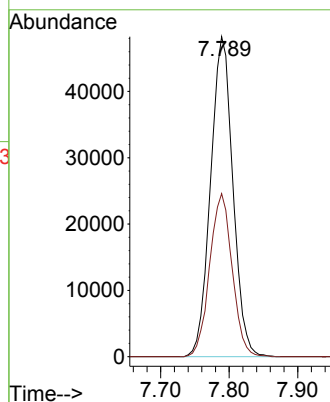
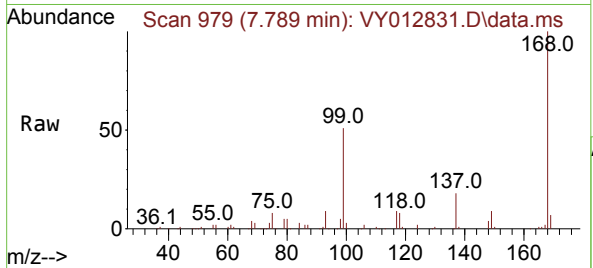




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

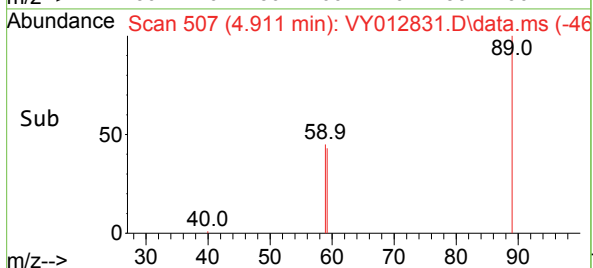
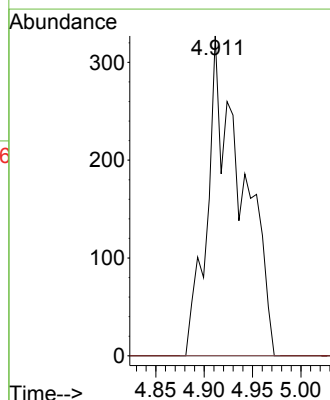
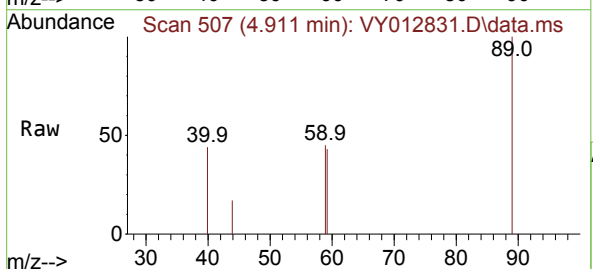
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

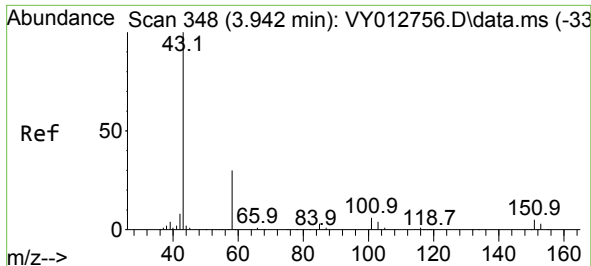
Tgt Ion:168 Resp: 109104
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

Tgt Ion: 59 Resp: 819
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.896 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY012831.D

Acq: 06 Mar 2023 18:06

Instrument :

MSVOA_Y

ClientSampleId :

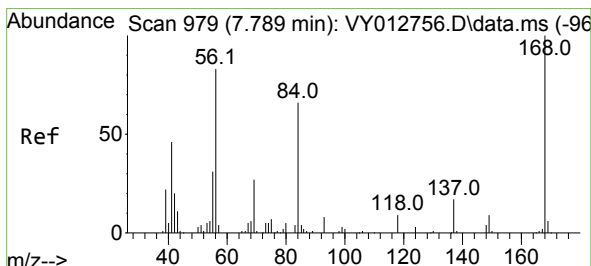
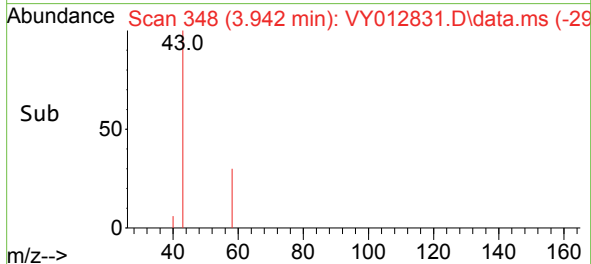
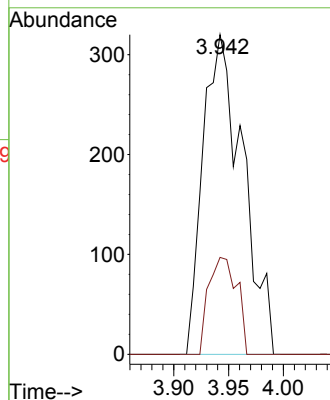
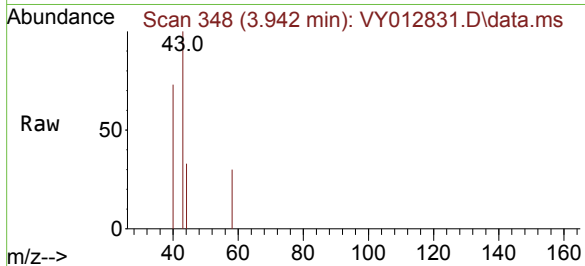
COMP-2

Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

43 100

58 30.3 24.2 36.2



#31

Cyclohexane

Concen: 1.122 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY012831.D

Acq: 06 Mar 2023 18:06

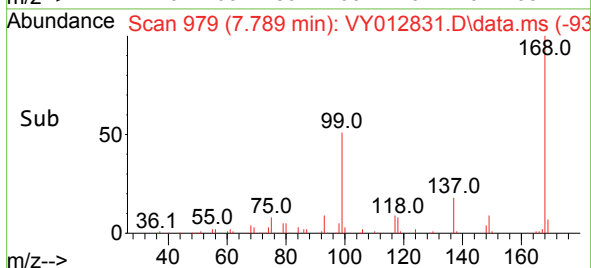
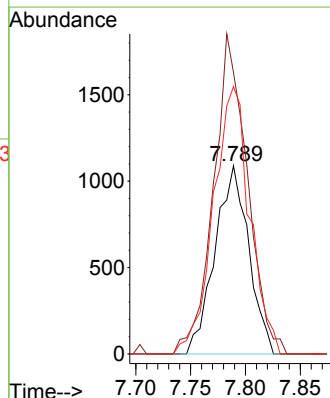
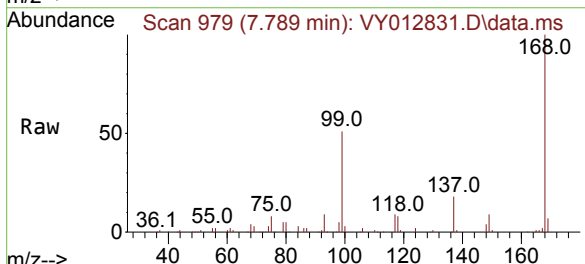
Tgt Ion: 56 Resp: 2327

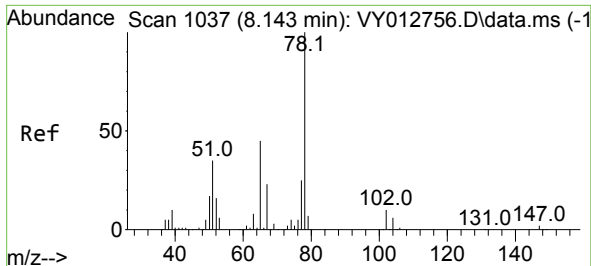
Ion Ratio Lower Upper

56 100

69 142.0 25.7 38.5#

84 142.1 64.3 96.5#

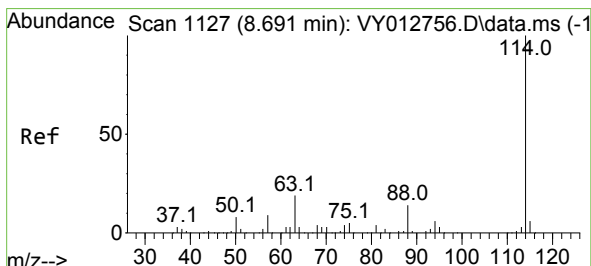
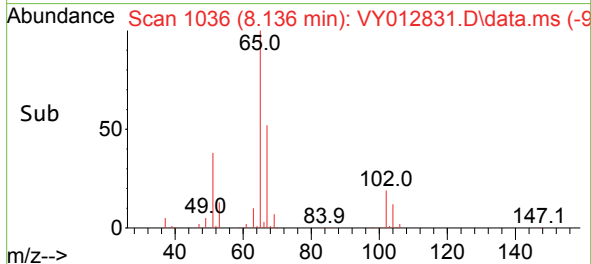
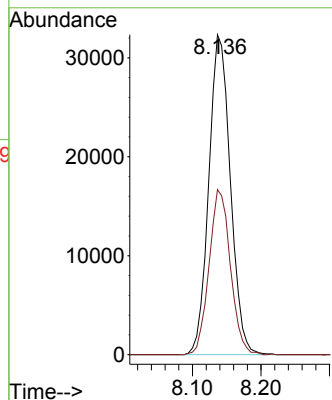
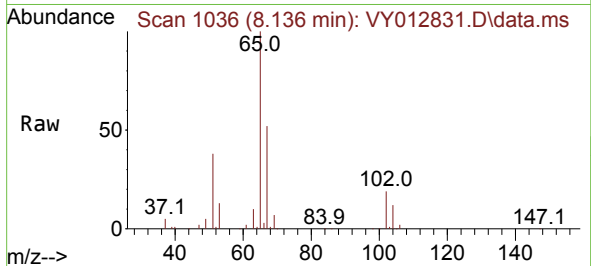




#33
 1,2-Dichloroethane-d4
 Concen: 65.370 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY012831.D
 Acq: 06 Mar 2023 18:06

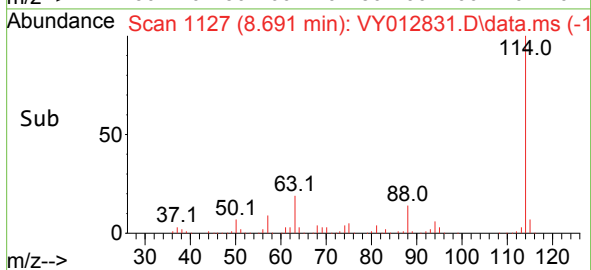
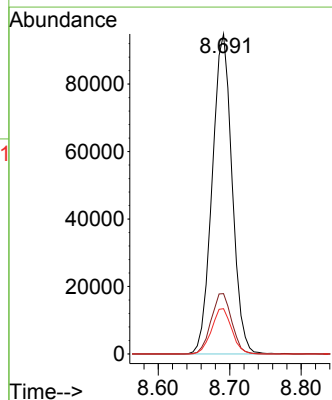
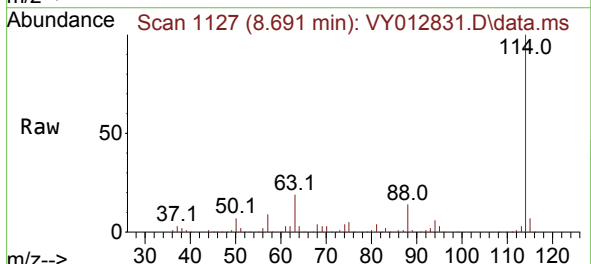
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

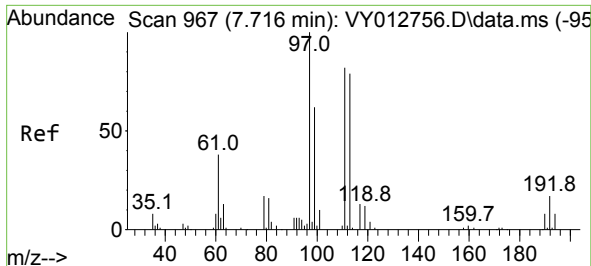
Tgt Ion: 65 Resp: 70813
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012831.D
 Acq: 06 Mar 2023 18:06

Tgt Ion: 114 Resp: 182815
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 14.2 0.0 28.6

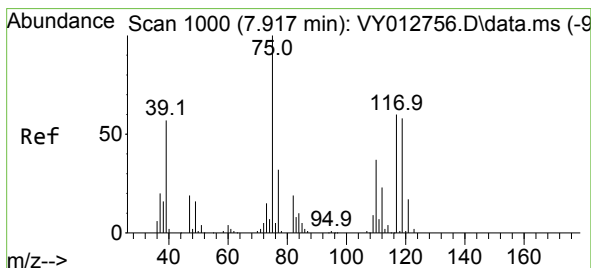
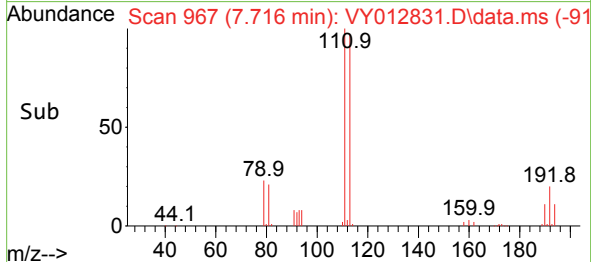
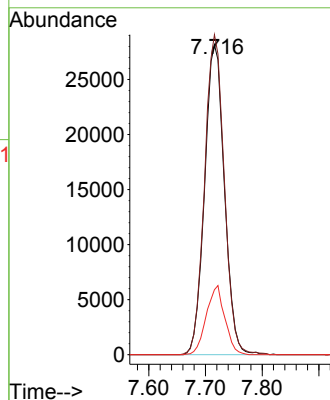
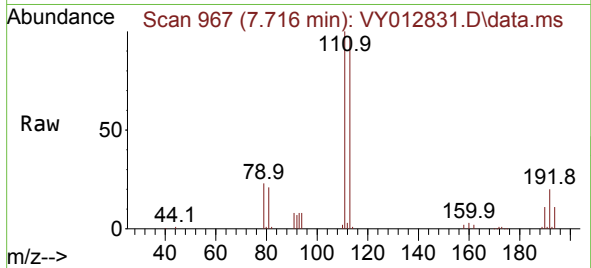




#35
Dibromofluoromethane
Concen: 61.804 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

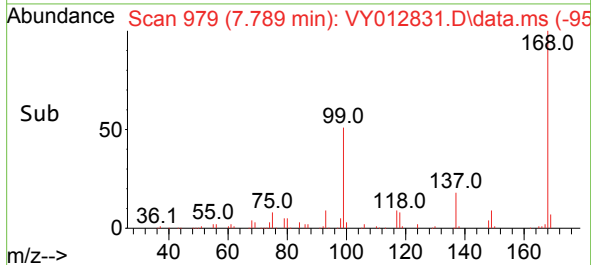
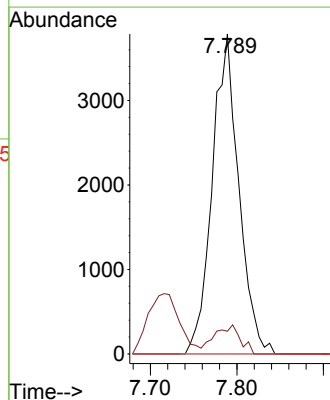
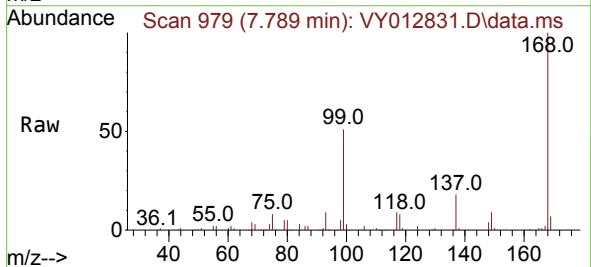
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

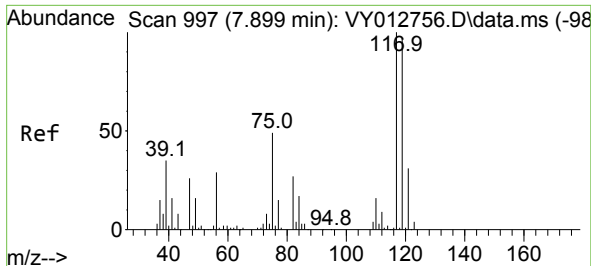
Tgt Ion:113 Resp: 68187
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.357 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

Tgt Ion: 75 Resp: 8055
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 25.0 37.4#

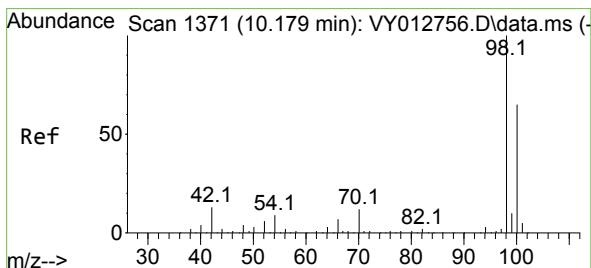
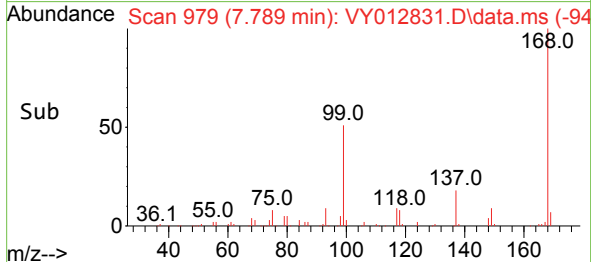
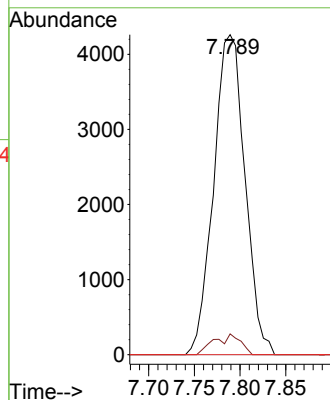
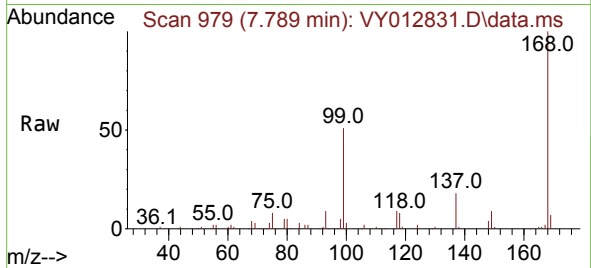




#38
Carbon Tetrachloride
Concen: 5.318 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

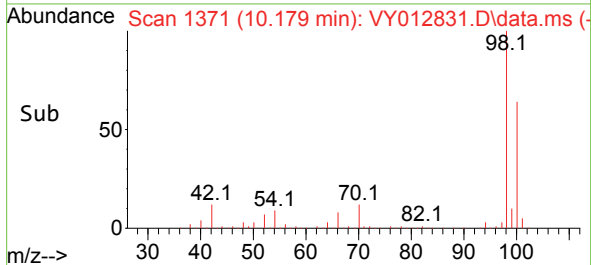
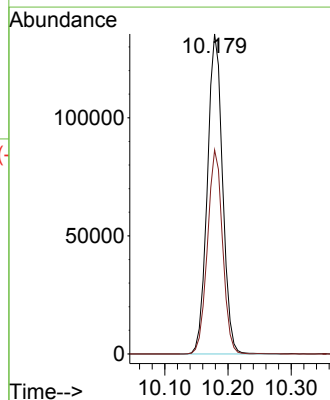
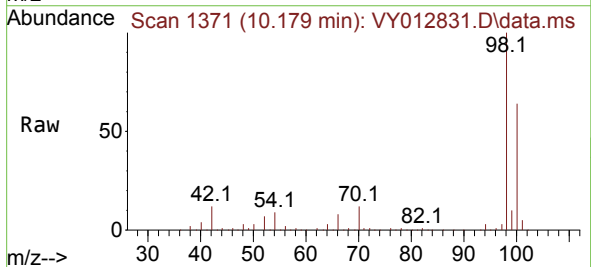
Instrument :
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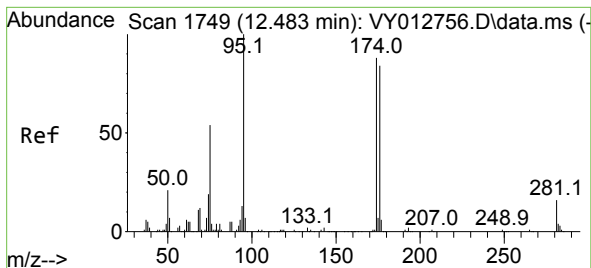
Tgt Ion:117 Resp: 10153
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.165 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

Tgt Ion: 98 Resp: 226537
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

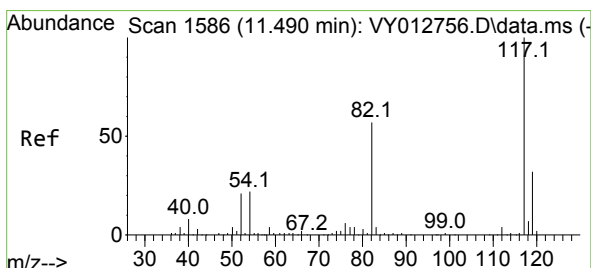
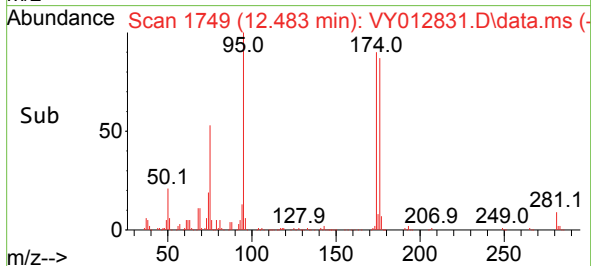
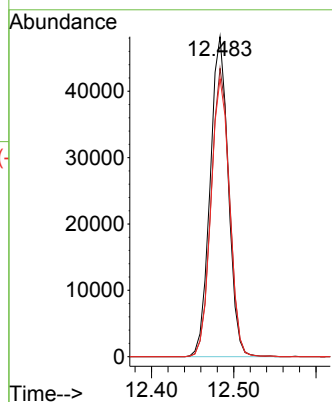
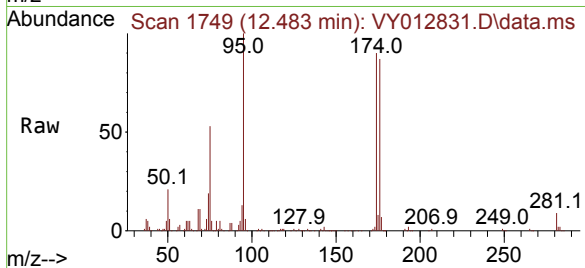




#62
4-Bromofluorobenzene
Concen: 54.329 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

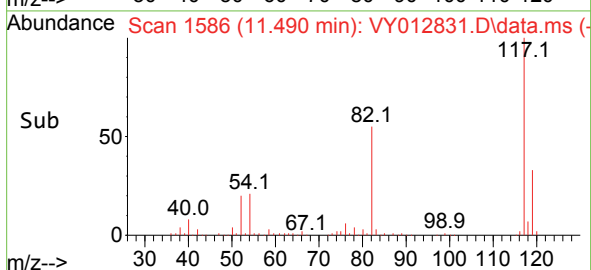
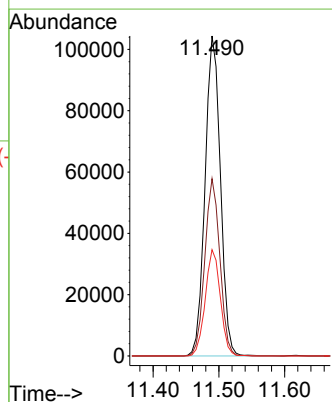
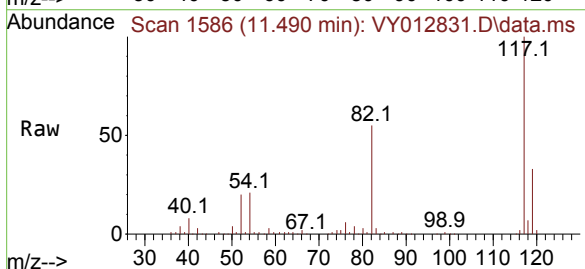
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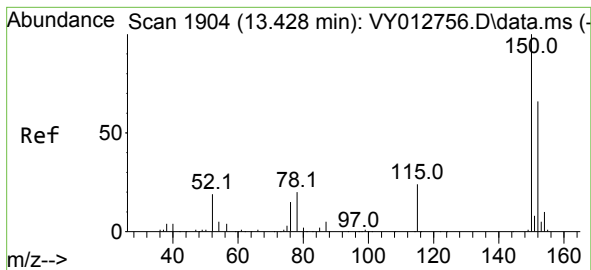
Tgt Ion: 95 Resp: 73962
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.6
176 89.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012831.D
Acq: 06 Mar 2023 18:06

Tgt Ion: 117 Resp: 169503
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 33.2 25.6 38.4

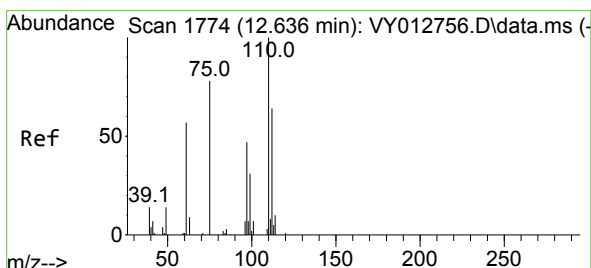
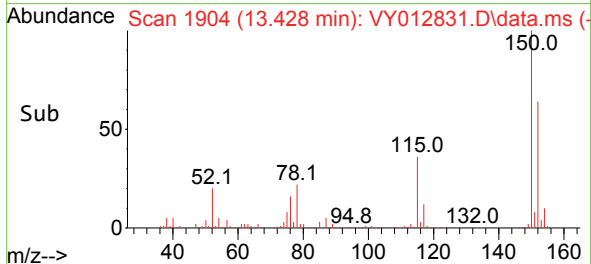
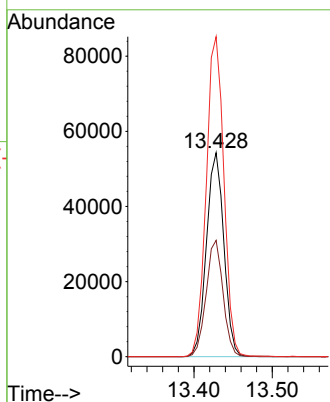
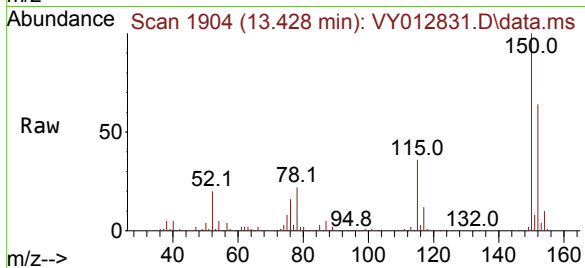




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012831.D
 Acq: 06 Mar 2023 18:06

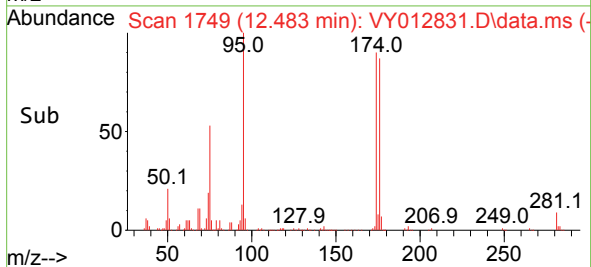
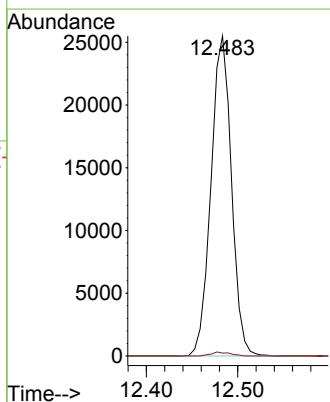
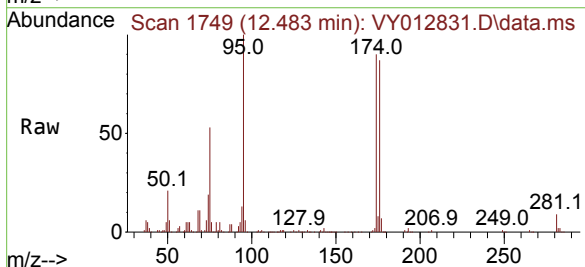
Instrument :
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 ClientSampleId :
 COMP-2

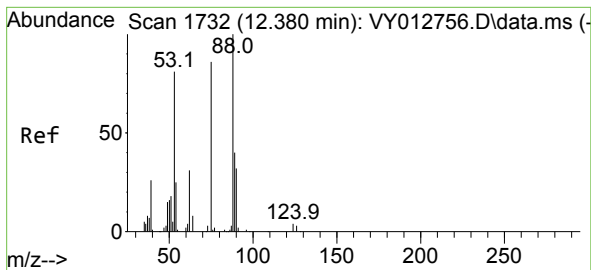
Tgt Ion:152 Resp: 83581
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.3
 150 159.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.676 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012831.D
 Acq: 06 Mar 2023 18:06

Tgt Ion: 75 Resp: 39600
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.209 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012831.D
 Acq: 06 Mar 2023 18:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Tgt Ion: 75 Resp: 39600
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

