

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012603.D
 Acq On : 15 Feb 2023 10:36
 Operator : KP/MD
 Sample : VY0215SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 00:49:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

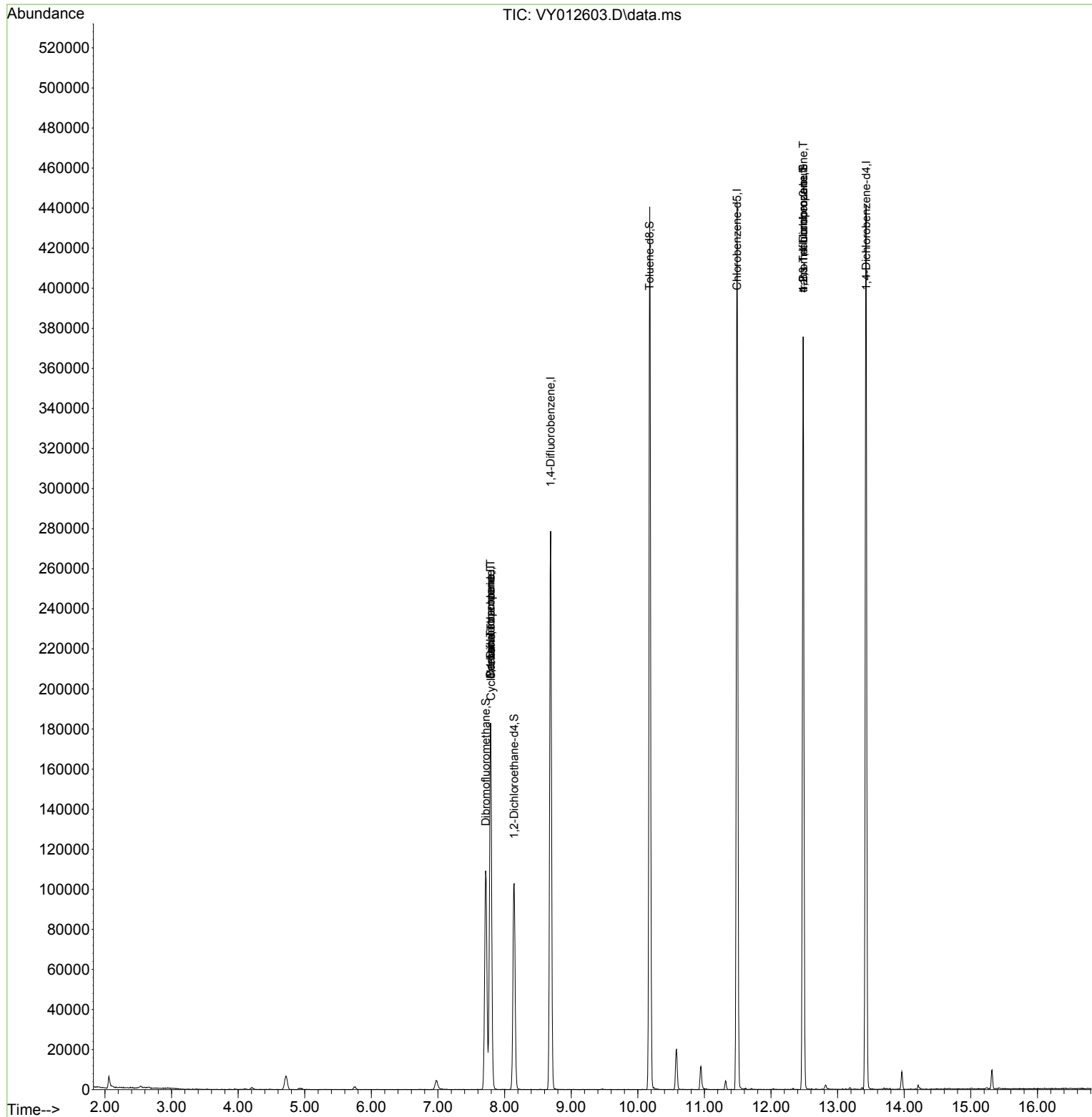
Internal Standards						
1) Pentafluorobenzene	7.789	168	149077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88603	46.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.480%
35) Dibromofluoromethane	7.715	113	75636	41.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.000%
50) Toluene-d8	10.178	98	296067	39.026	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.060%
62) 4-Bromofluorobenzene	12.483	95	101414	38.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.640%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	226	Below Cal		99
11) Tert butyl alcohol	4.929	59	98	Below Cal	#	75
20) Methylene Chloride	4.722	84	5676	Below Cal		93
31) Cyclohexane	7.795	56	2374	1.083	ug/l #	49
36) 1,1-Dichloropropene	7.789	75	9527	3.862	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13902	4.198	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	55010	40.033	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55010	90.278	ug/l #	12

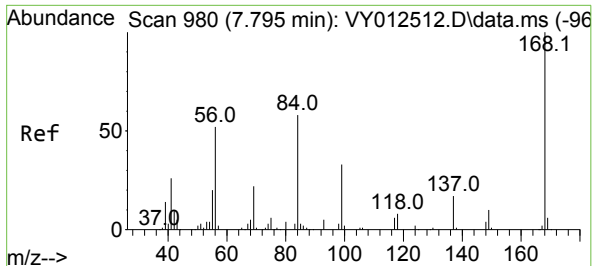
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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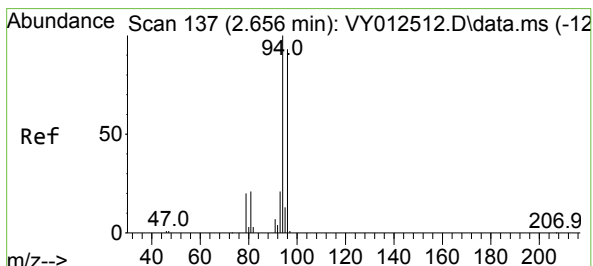
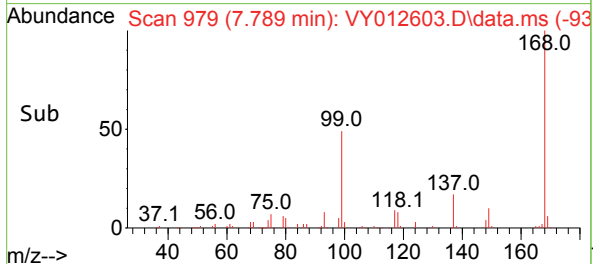
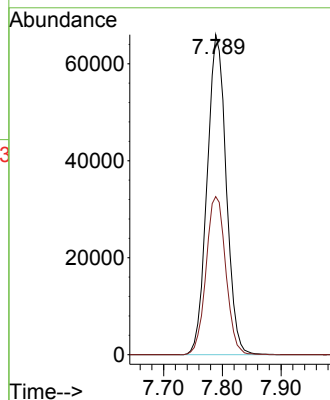
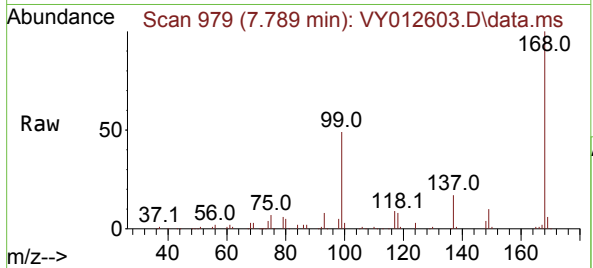




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012603.D
Acq: 15 Feb 2023 10:36

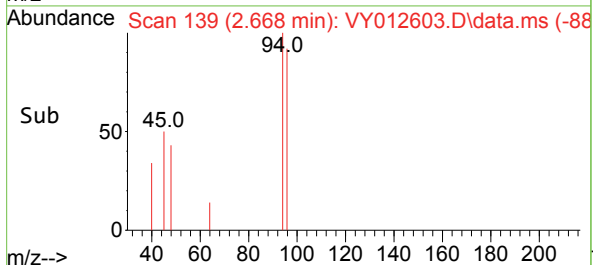
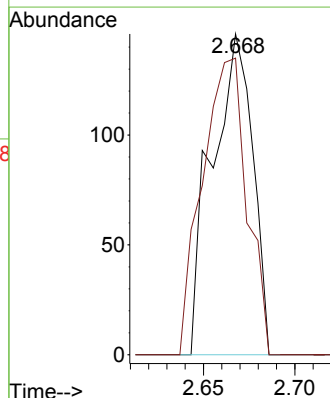
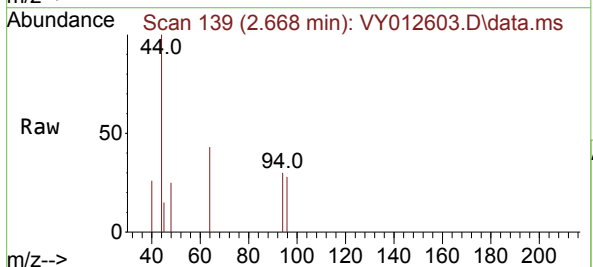
Instrument :
MSVOA_Y
ClientSampleId :

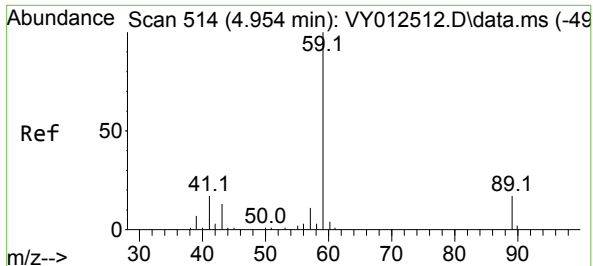
Tgt Ion:168 Resp: 149077
Ion Ratio Lower Upper
168 100
99 49.4 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY012603.D
Acq: 15 Feb 2023 10:36

Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 92.5 74.7 112.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.929 min Scan# 51

Delta R.T. -0.025 min

Lab File: VY012603.D

Acq: 15 Feb 2023 10:36

Instrument :

MSVOA_Y

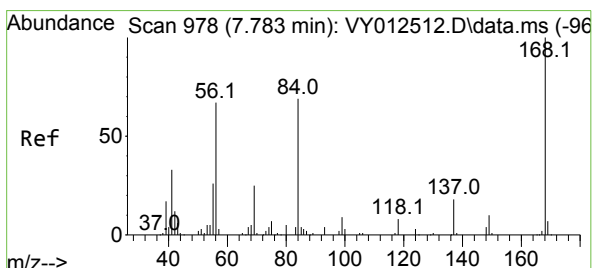
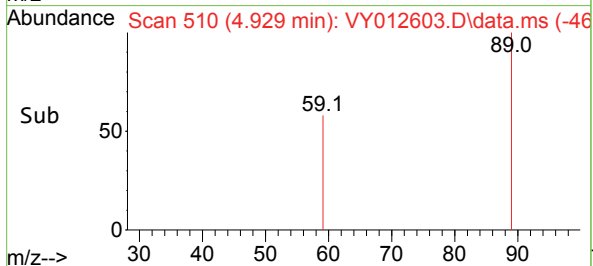
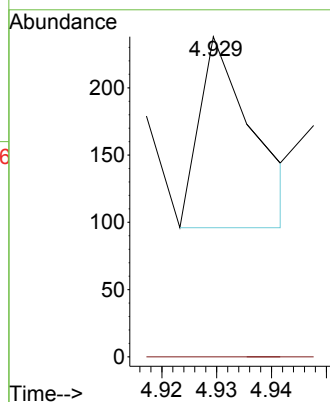
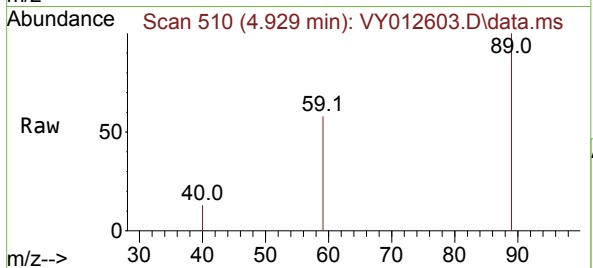
ClientSampleId :

Tgt Ion: 59 Resp: 98

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#31

Cyclohexane

Concen: 1.083 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY012603.D

Acq: 15 Feb 2023 10:36

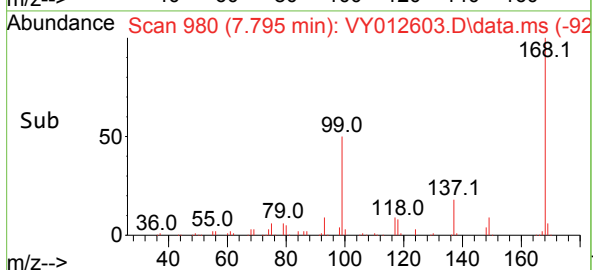
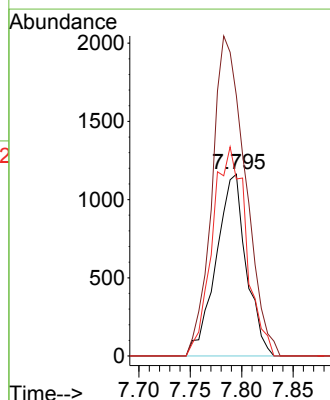
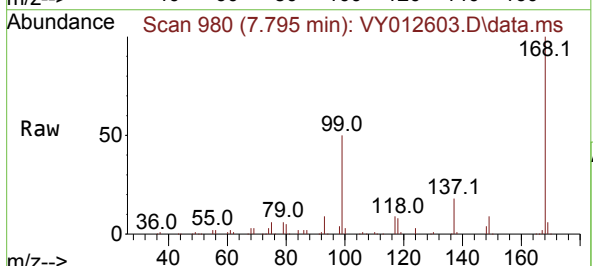
Tgt Ion: 56 Resp: 2374

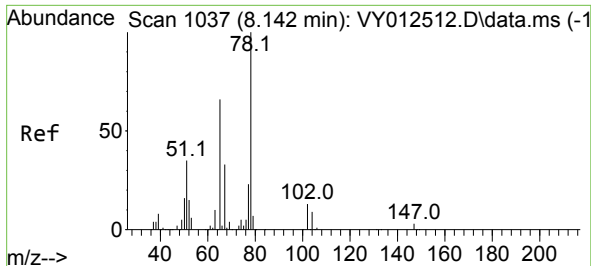
Ion Ratio Lower Upper

56 100

69 143.3 29.5 44.3#

84 97.4 81.9 122.9





#33

1,2-Dichloroethane-d4

Concen: 46.739 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012603.D

Acq: 15 Feb 2023 10:36

Instrument :

MSVOA_Y

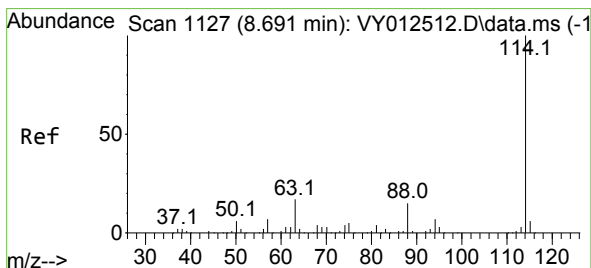
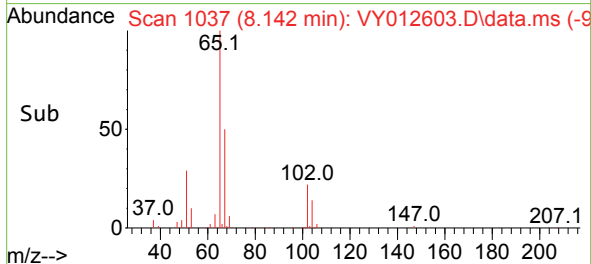
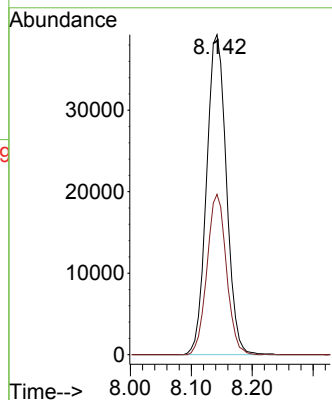
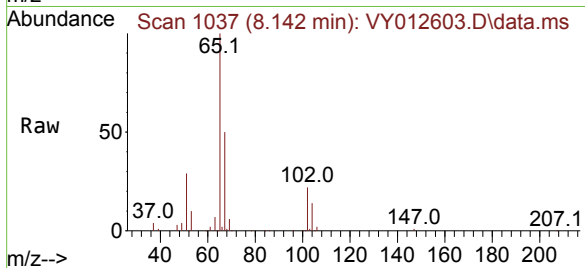
ClientSampleId :

Tgt Ion: 65 Resp: 88603

Ion Ratio Lower Upper

65 100

67 49.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012603.D

Acq: 15 Feb 2023 10:36

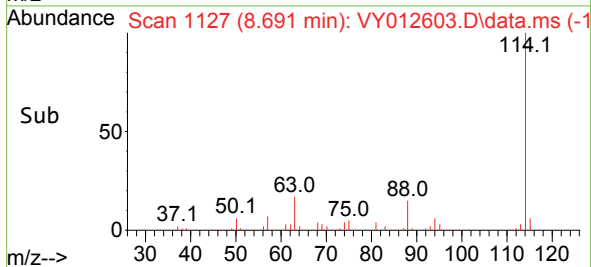
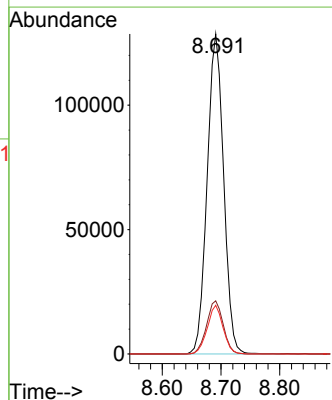
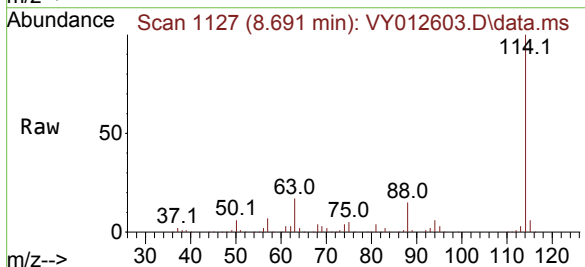
Tgt Ion: 114 Resp: 250278

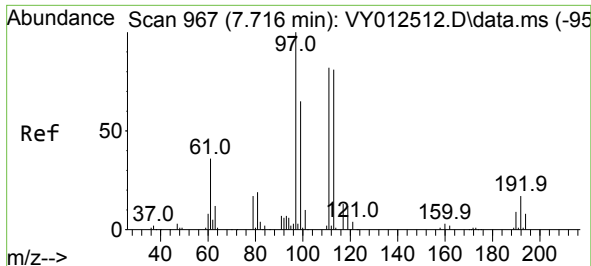
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.6

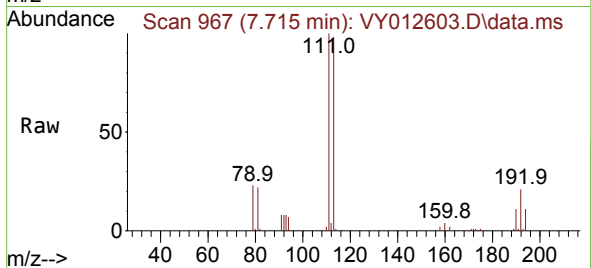
88 15.2 0.0 29.8



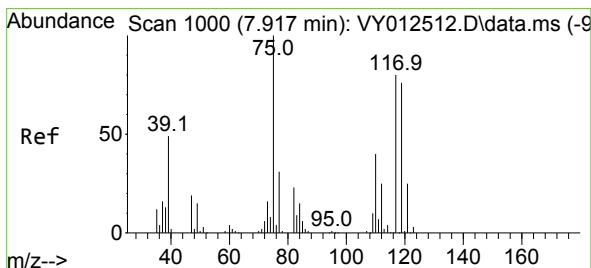
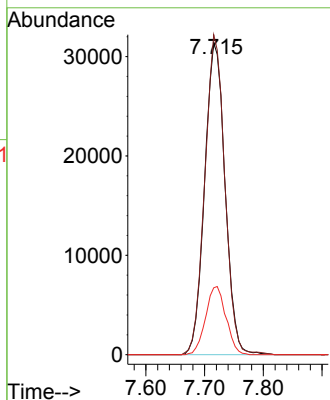
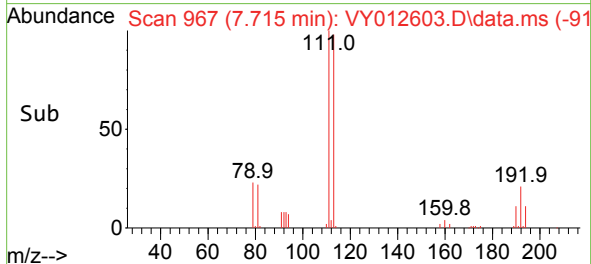


#35
Dibromofluoromethane
Concen: 41.497 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012603.D
Acq: 15 Feb 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :

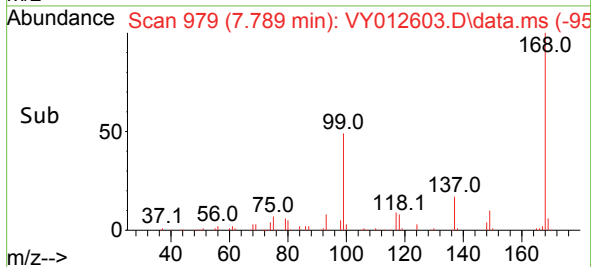
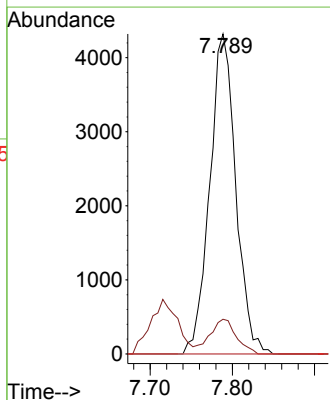
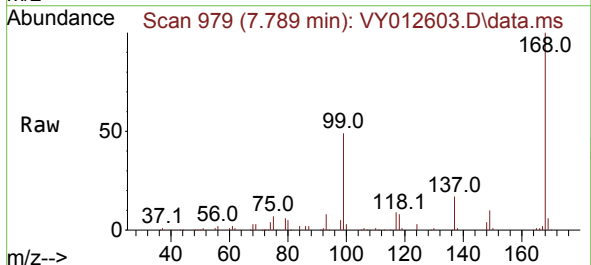


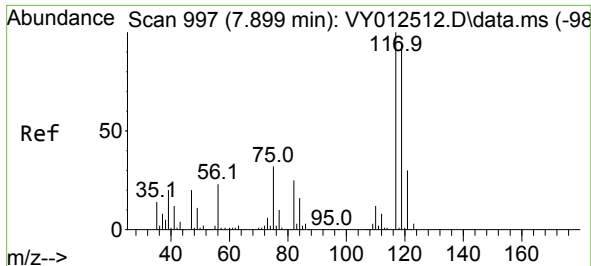
Tgt Ion:113 Resp: 75636
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 21.8 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.862 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012603.D
Acq: 15 Feb 2023 10:36

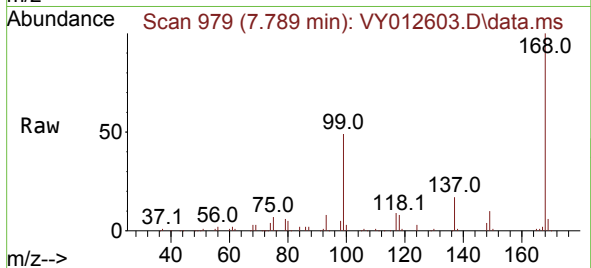
Tgt Ion: 75 Resp: 9527
Ion Ratio Lower Upper
75 100
110 11.1 19.5 58.5#
77 0.0 24.9 37.3#



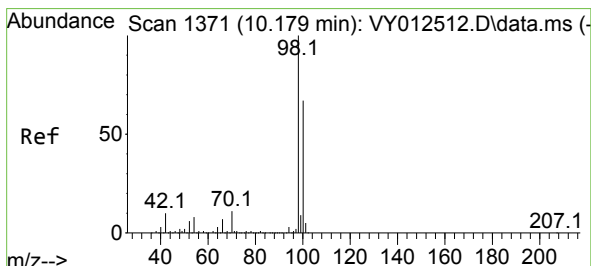
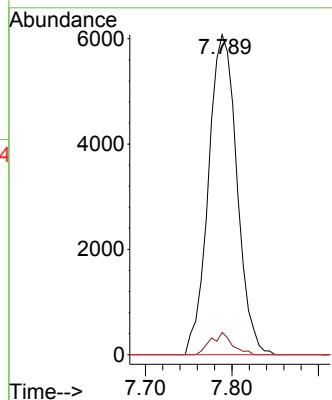
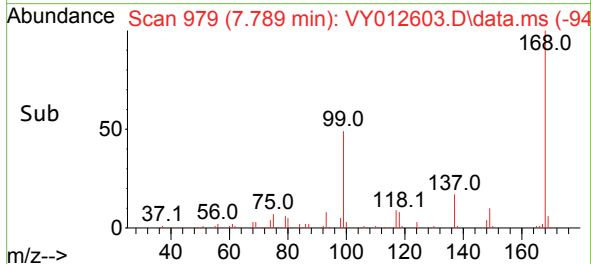


#38
Carbon Tetrachloride
Concen: 4.198 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012603.D
Acq: 15 Feb 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :

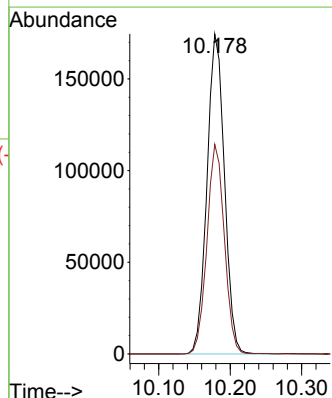
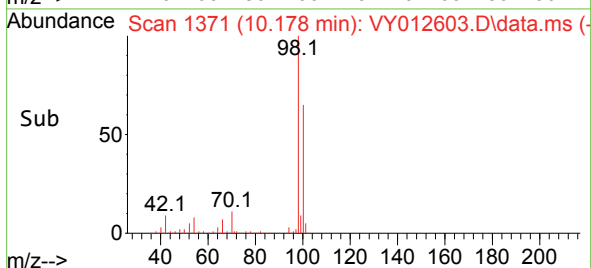
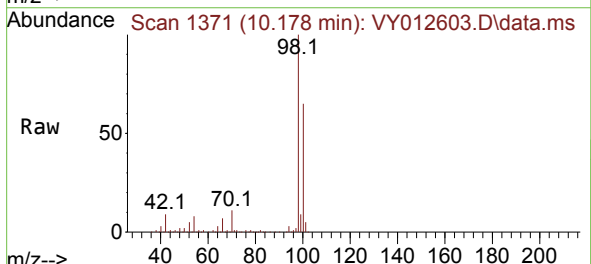


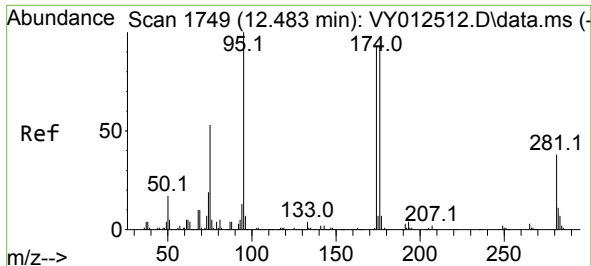
Tgt Ion:117 Resp: 13902
Ion Ratio Lower Upper
117 100
119 7.0 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 39.026 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012603.D
Acq: 15 Feb 2023 10:36

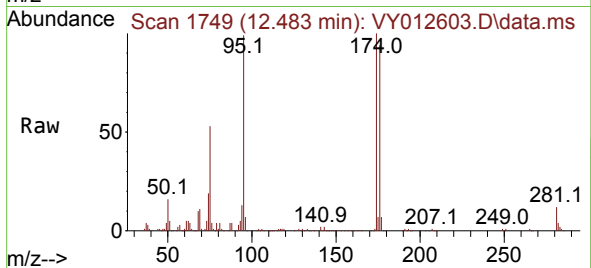
Tgt Ion: 98 Resp: 296067
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



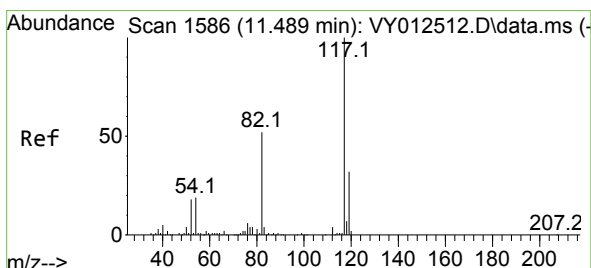
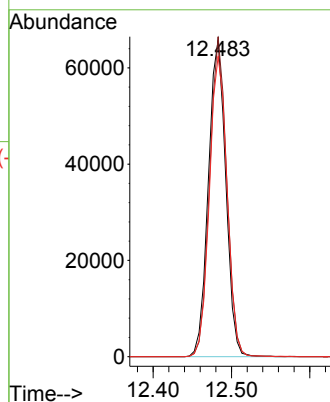
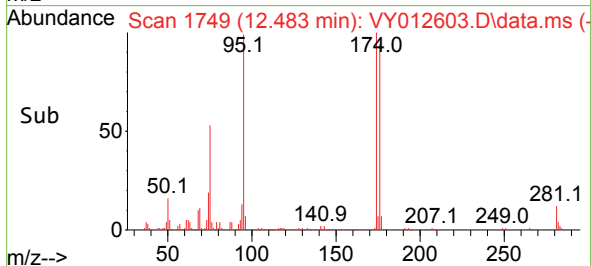


#62
4-Bromofluorobenzene
Concen: 38.324 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012603.D
Acq: 15 Feb 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :

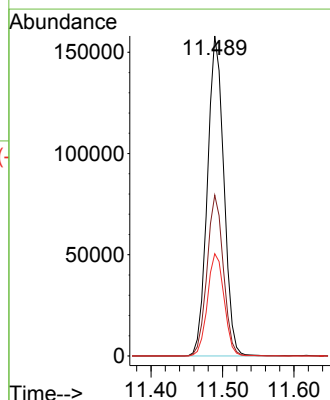
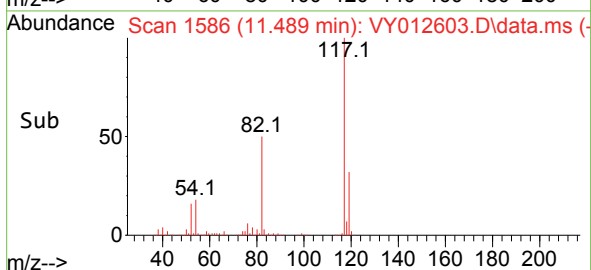
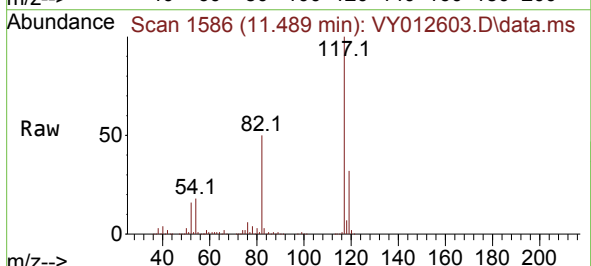


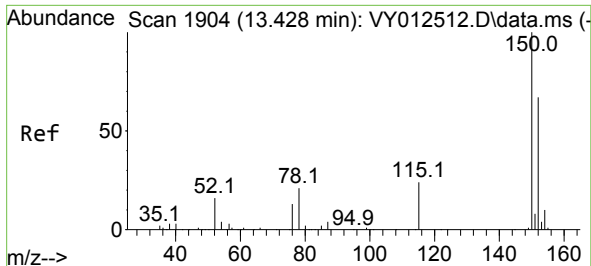
Tgt Ion: 95 Resp: 101414
Ion Ratio Lower Upper
95 100
174 99.8 0.0 188.0
176 96.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012603.D
Acq: 15 Feb 2023 10:36

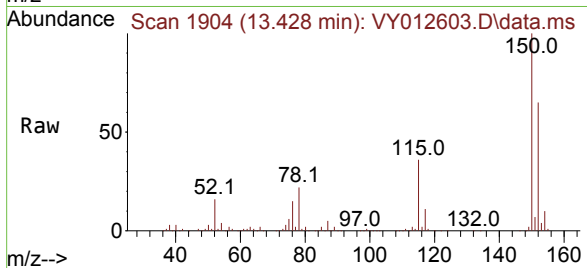
Tgt Ion: 117 Resp: 252079
Ion Ratio Lower Upper
117 100
82 50.3 41.7 62.5
119 32.0 25.8 38.8



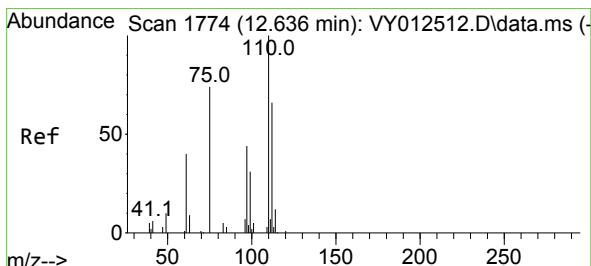
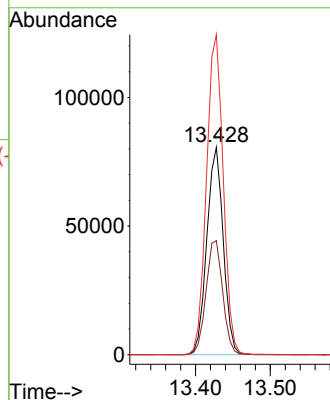
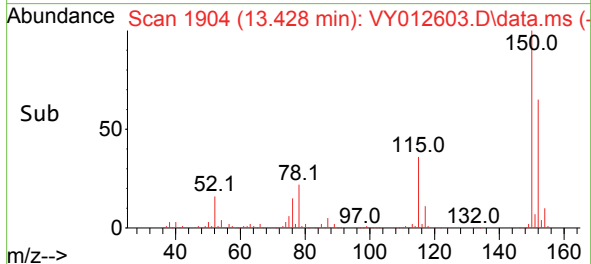


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012603.D
 Acq: 15 Feb 2023 10:36

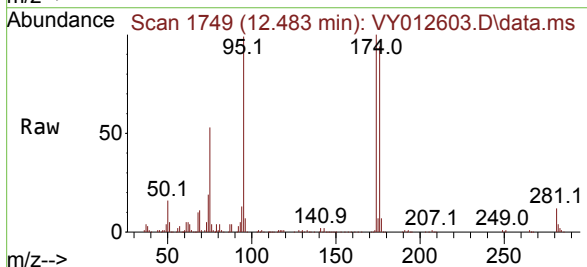
Instrument :
 MSVOA_Y
 ClientSampleId :



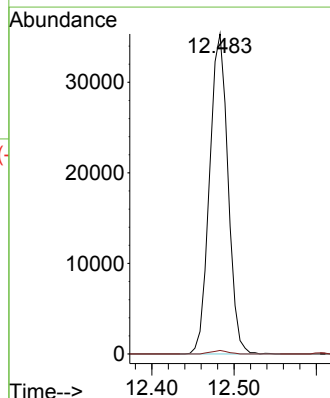
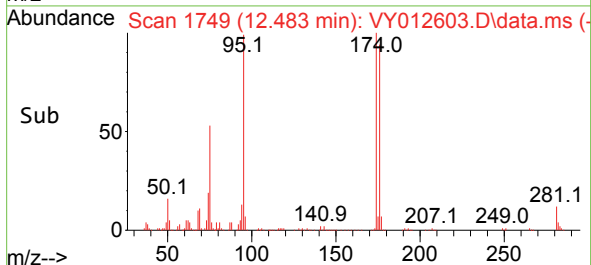
Tgt Ion:152 Resp: 122991
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.1 84.3
 150 157.2 0.0 351.0

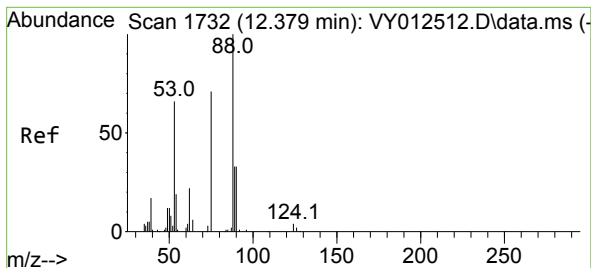


#76
 1,2,3-Trichloropropane
 Concen: 40.033 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012603.D
 Acq: 15 Feb 2023 10:36



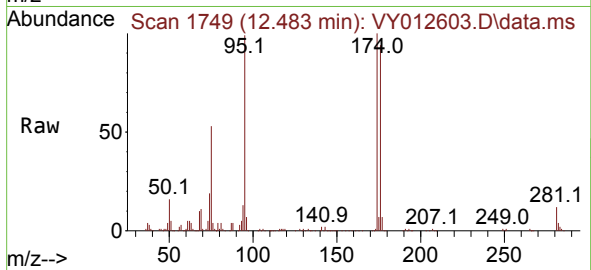
Tgt Ion: 75 Resp: 55010
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.278 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012603.D
 Acq: 15 Feb 2023 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 55010
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.1 109.7#
 89 0.1 39.9 59.9#

