

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012769.D
 Acq On : 02 Mar 2023 19:16
 Operator : KP/MD
 Sample : 01701-01RE
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-19-SB01RE

Quant Time: Mar 03 01:59:09 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)

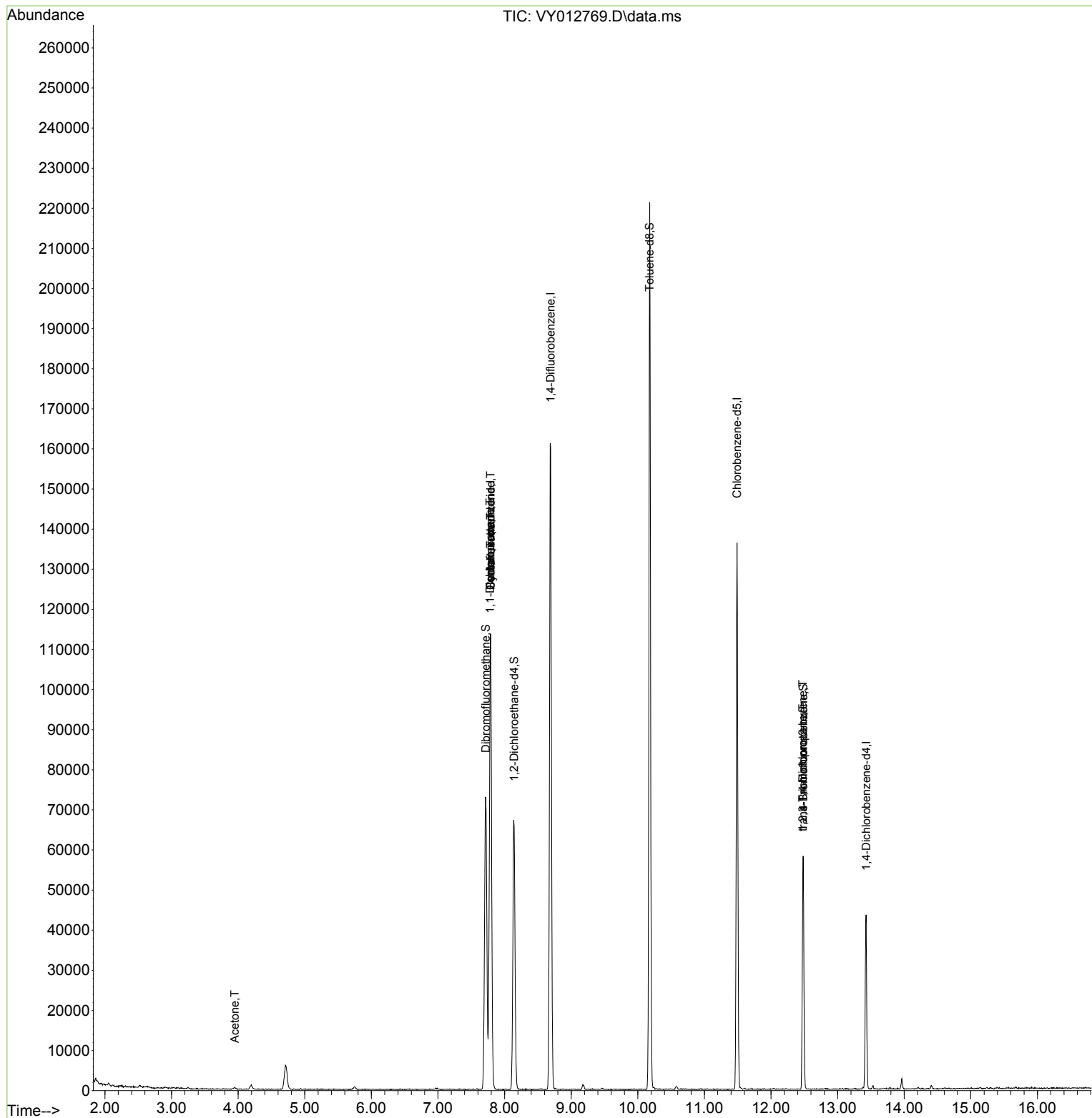
Internal Standards						
1) Pentafluorobenzene	7.789	168	90047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	71194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51845	57.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.716	113	52169	63.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.980%
50) Toluene-d8	10.179	98	136359	45.395	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.483	95	16501	16.275	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	32.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	72	Below Cal	#	74
16) Acetone	3.948	43	625	1.781	ug/l #	82
20) Methylene Chloride	4.710	84	4251	Below Cal		93
31) Cyclohexane	7.789	56	2232	1.304	ug/l #	28
36) 1,1-Dichloropropene	7.783	75	6685	4.855	ug/l #	49
38) Carbon Tetrachloride	7.789	117	8472	5.958	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	8719	65.849	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8719	136.442	ug/l #	13

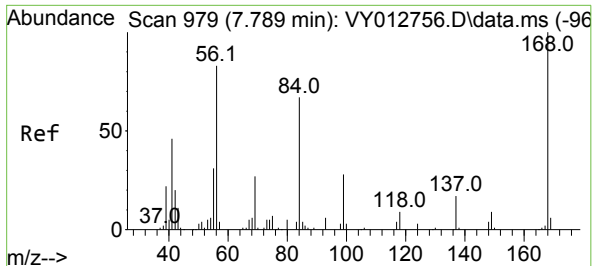
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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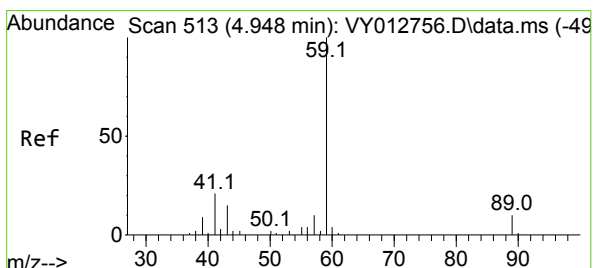
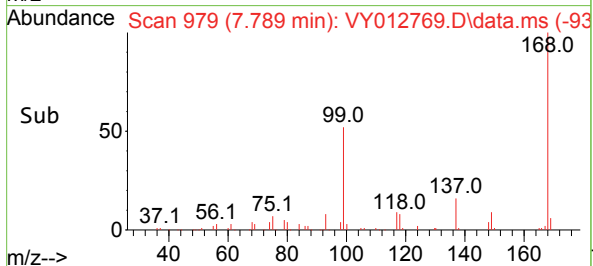
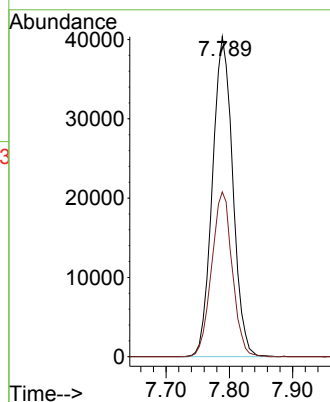
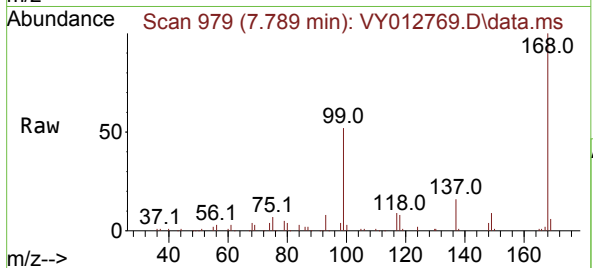




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

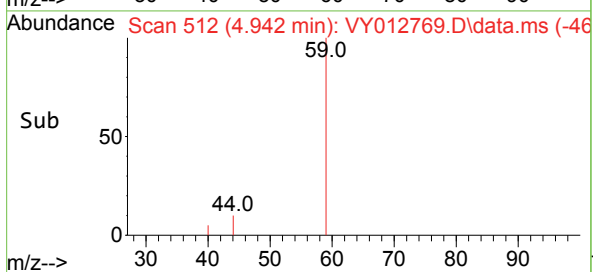
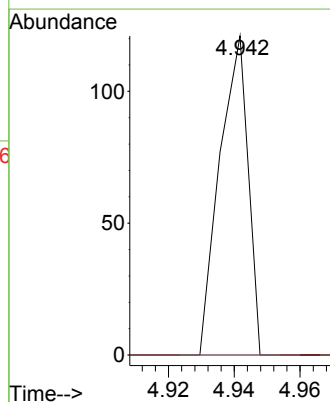
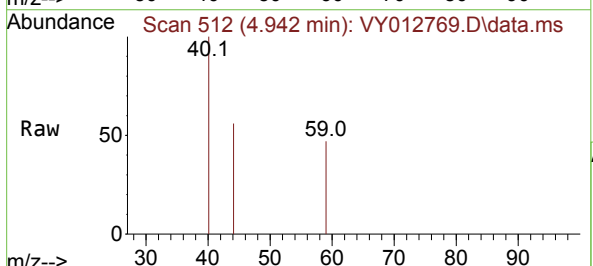
Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01RE

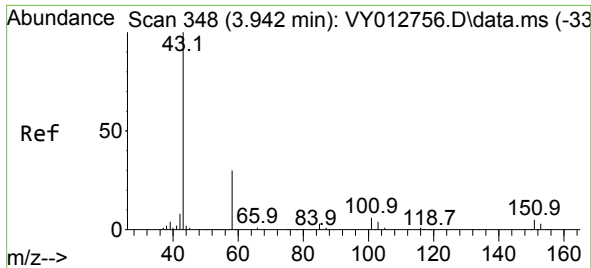
Tgt Ion:168 Resp: 90047
Ion Ratio Lower Upper
168 100
99 51.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

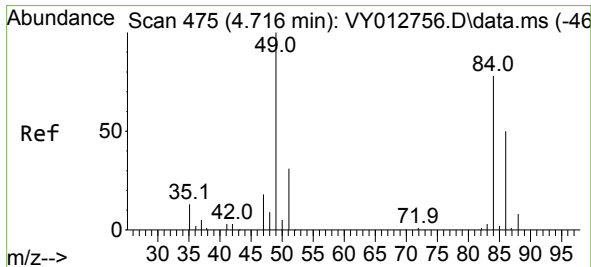
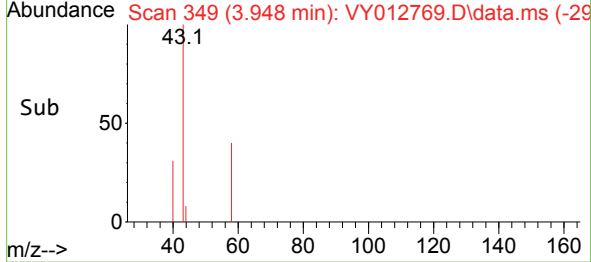
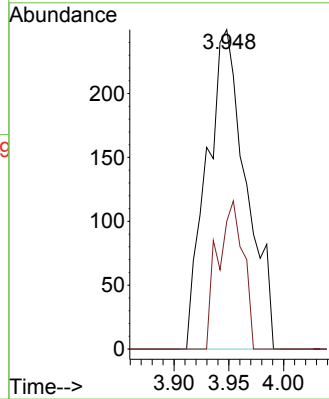
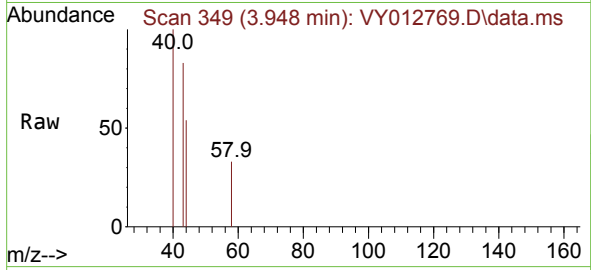




#16
Acetone
Concen: 1.781 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

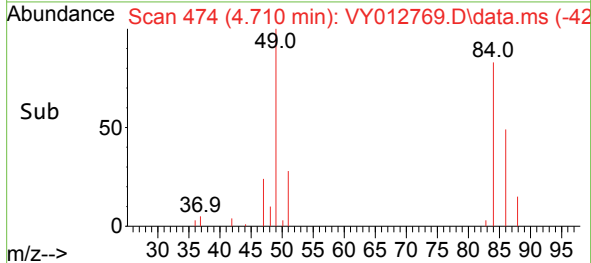
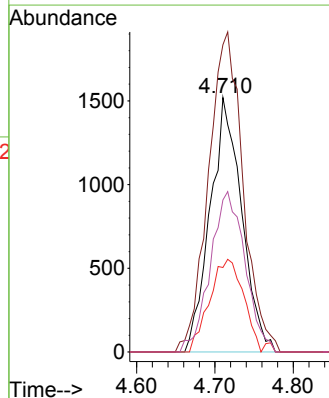
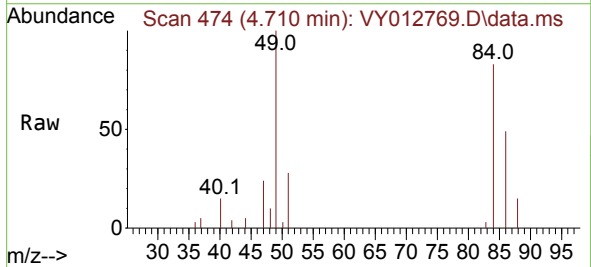
Instrument :
MSVOA_Y
ClientSampleId :
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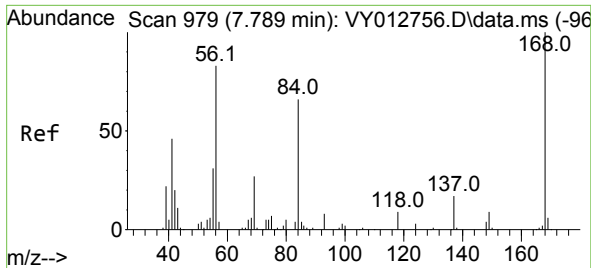
Tgt Ion: 43 Resp: 625
Ion Ratio Lower Upper
43 100
58 40.0 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

Tgt Ion: 84 Resp: 4251
Ion Ratio Lower Upper
84 100
49 120.8 102.6 154.0
51 33.2 31.9 47.9
86 59.7 51.0 76.6

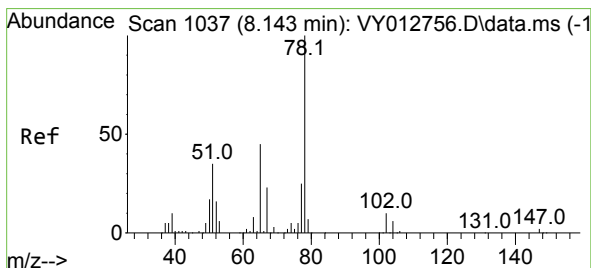
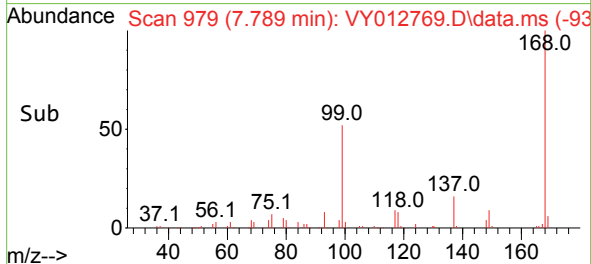
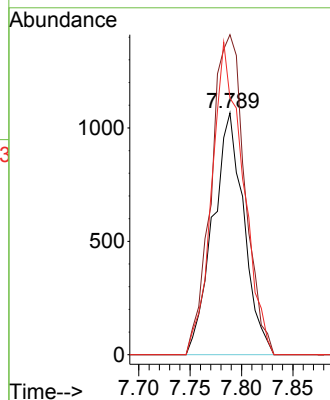
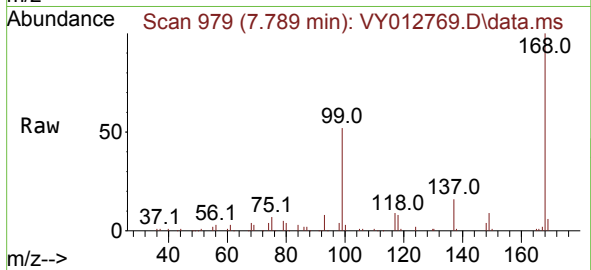




#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

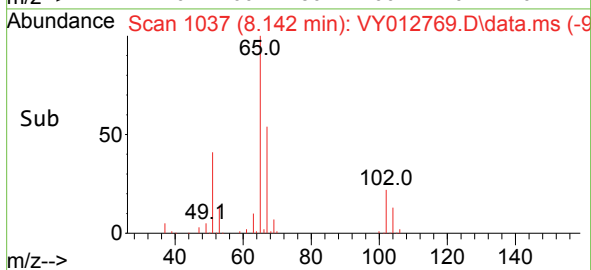
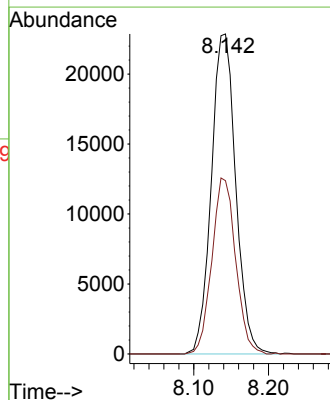
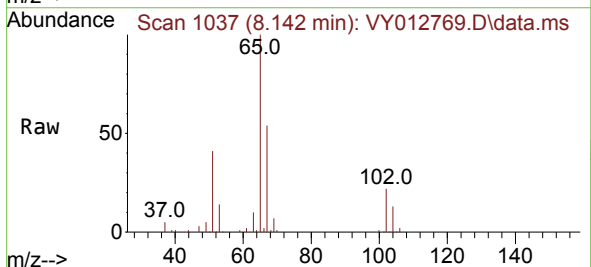
Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01RE

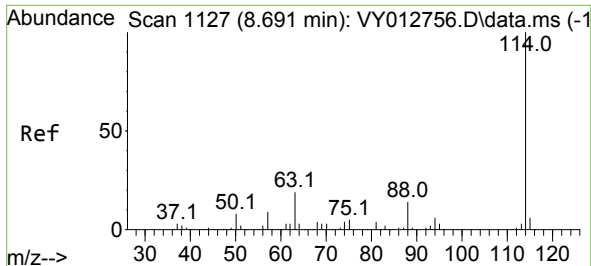
Tgt Ion: 56 Resp: 2232
Ion Ratio Lower Upper
56 100
69 132.4 25.7 38.5#
84 106.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 57.989 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

Tgt Ion: 65 Resp: 51845
Ion Ratio Lower Upper
65 100
67 53.6 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: VY012769.D

Acq: 02 Mar 2023 19:16

Instrument :

MSVOA_Y

ClientSampleId :

B-19-SB01RE

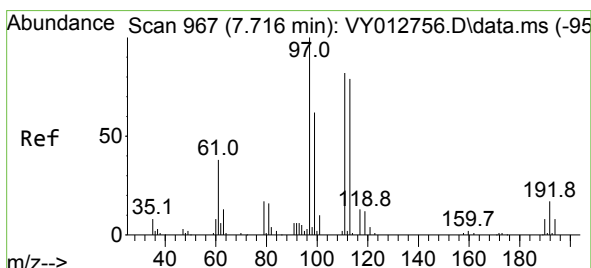
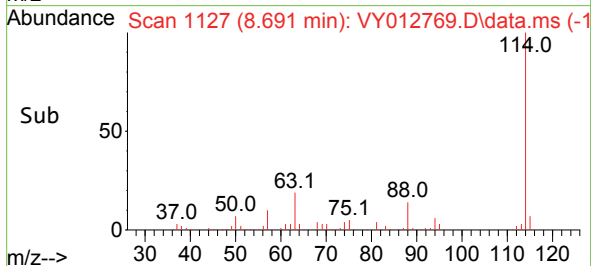
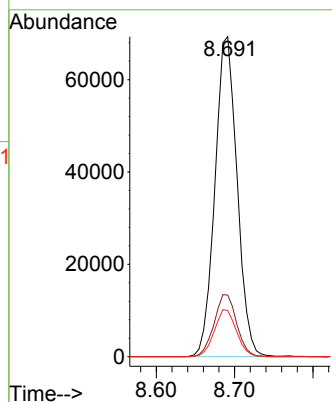
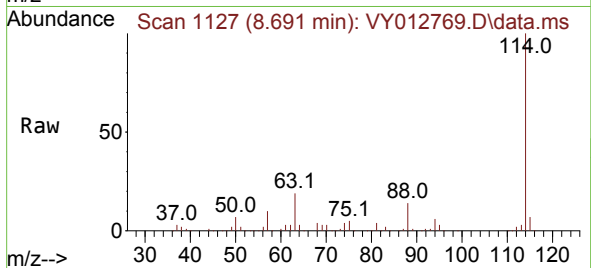
Tgt Ion:114 Resp: 136151

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 63.491 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012769.D

Acq: 02 Mar 2023 19:16

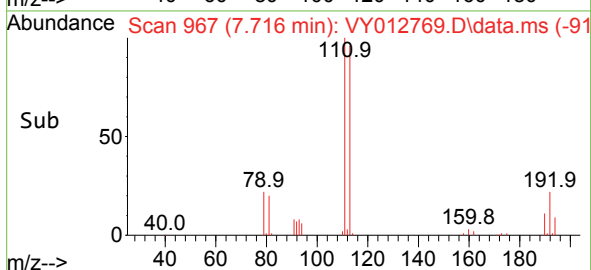
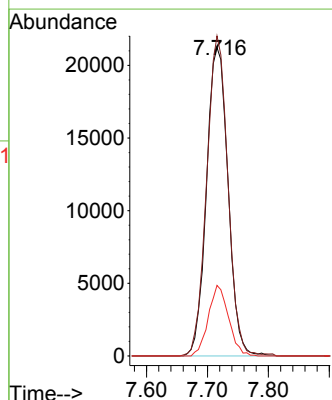
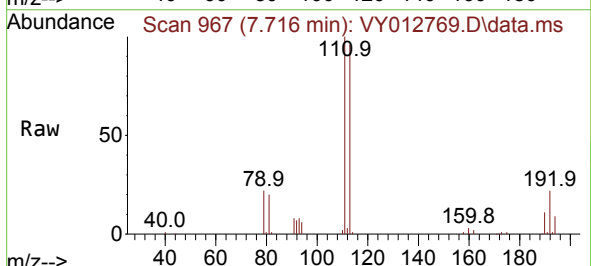
Tgt Ion:113 Resp: 52169

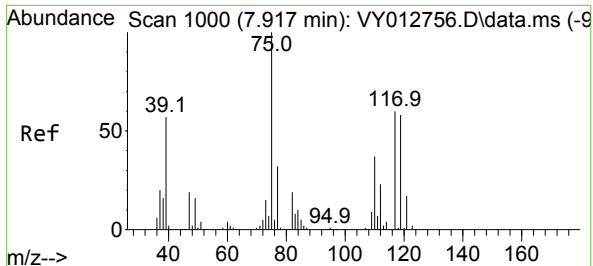
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 21.5 16.8 25.2

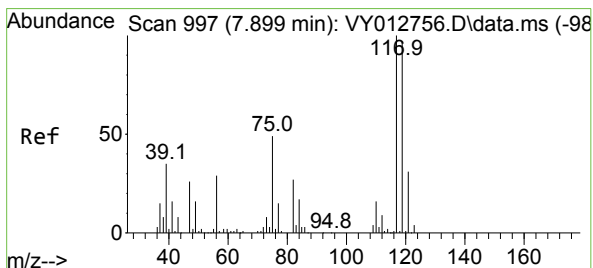
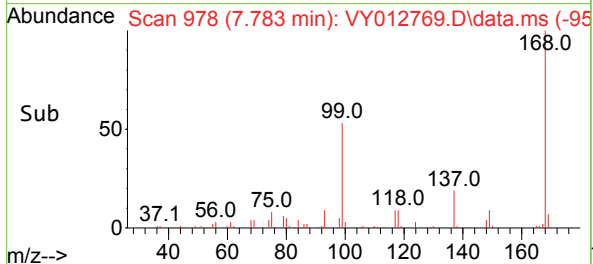
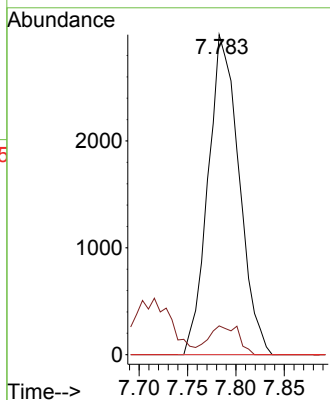
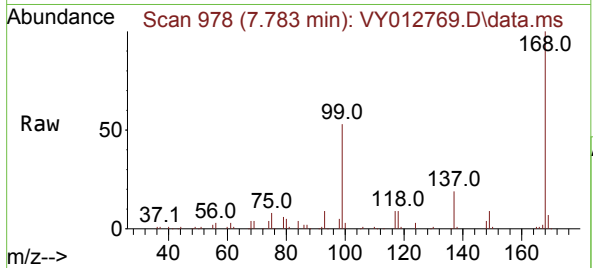




#36
 1,1-Dichloropropene
 Concen: 4.855 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY012769.D
 Acq: 02 Mar 2023 19:16

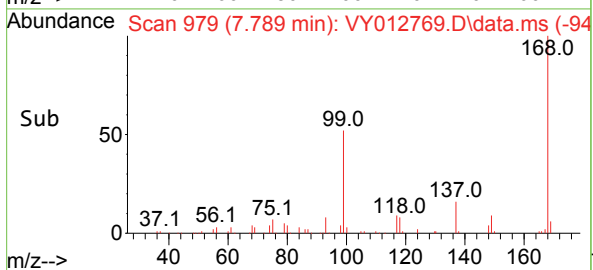
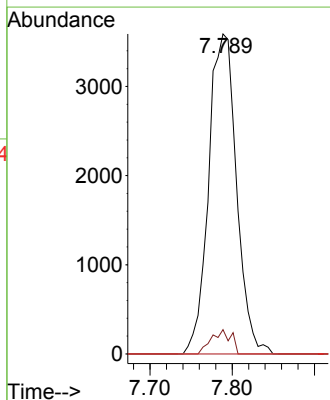
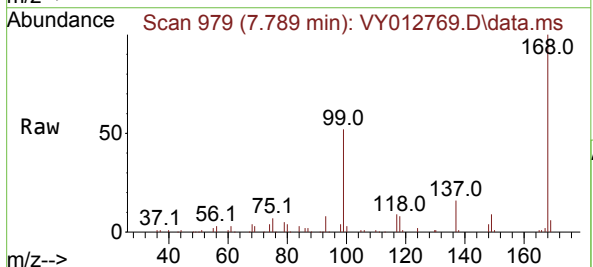
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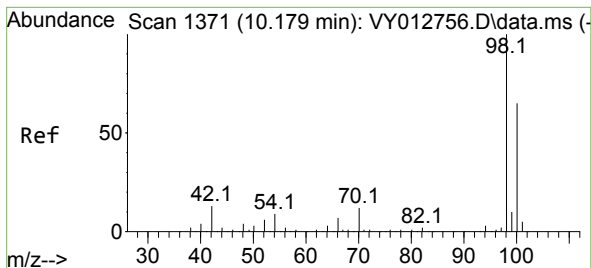
Tgt Ion: 75 Resp: 6685
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.958 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY012769.D
 Acq: 02 Mar 2023 19:16

Tgt Ion: 117 Resp: 8472
 Ion Ratio Lower Upper
 117 100
 119 7.6 77.2 115.8#
 121 0.0 24.7 37.1#

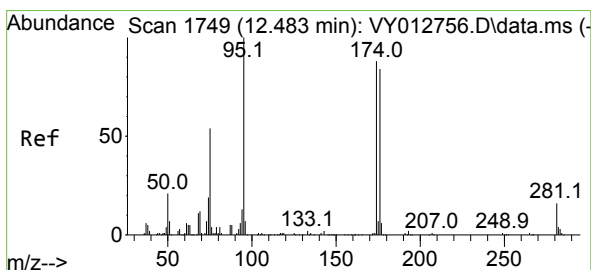
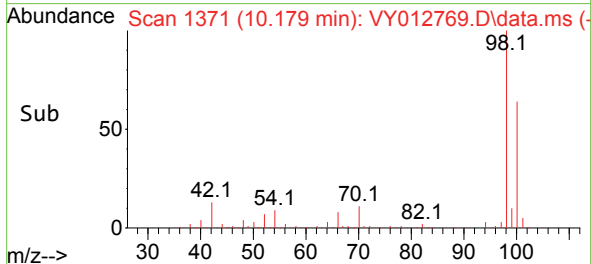
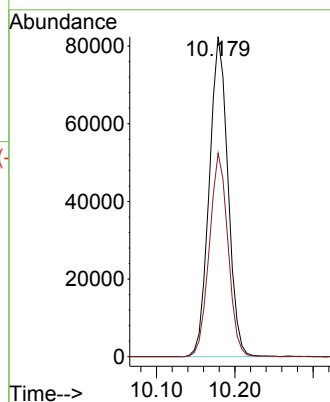
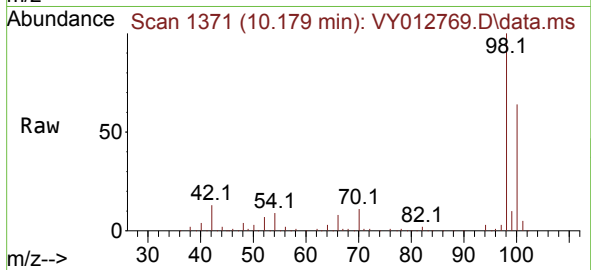




#50
Toluene-d8
Concen: 45.395 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

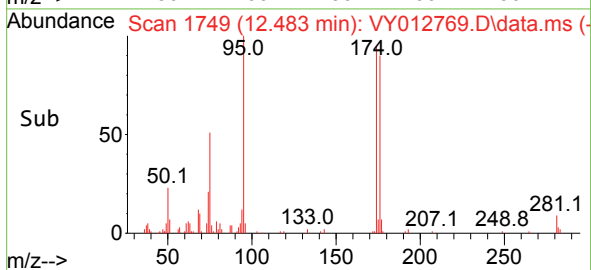
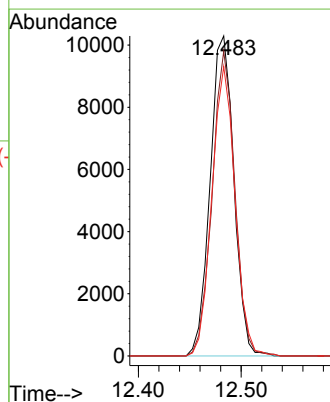
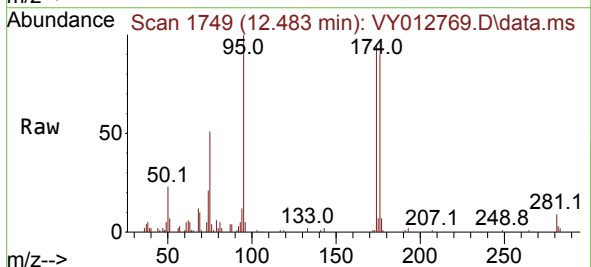
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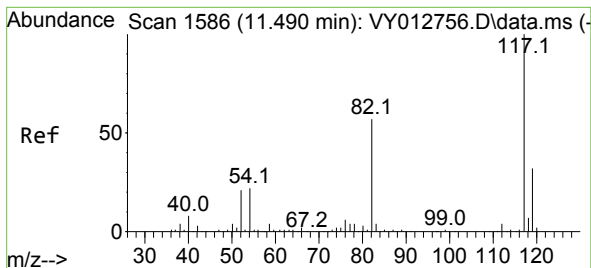
Tgt Ion: 98 Resp: 136359
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 16.275 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

Tgt Ion: 95 Resp: 16501
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 88.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012769.D

Acq: 02 Mar 2023 19:16

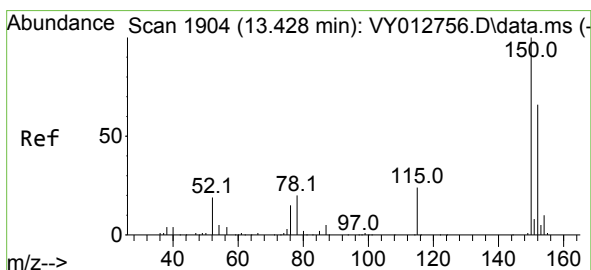
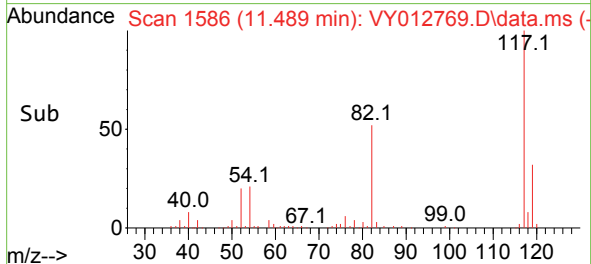
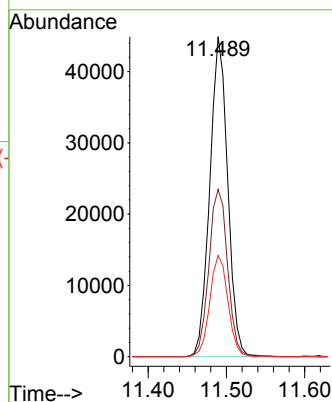
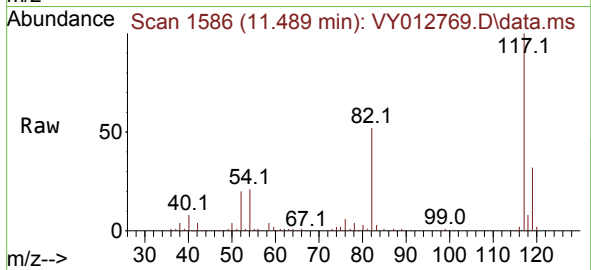
Instrument :

MSVOA_Y

ClientSampleId :

B-19-SB01RE

Tgt Ion:	117	Resp:	71194
Ion	Ratio	Lower	Upper
117	100		
82	52.3	45.4	68.0
119	31.6	25.6	38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

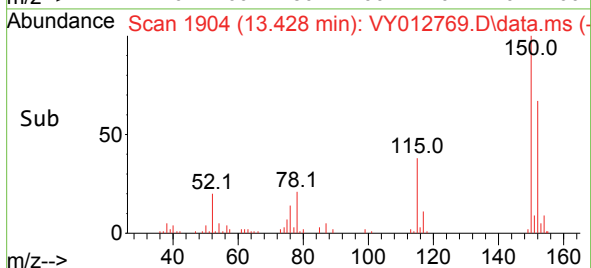
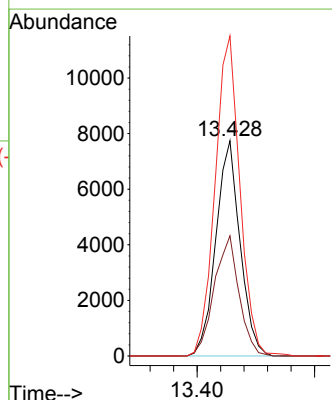
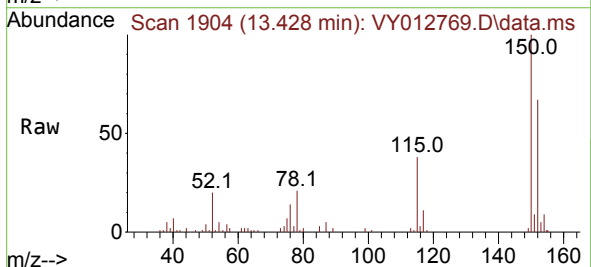
RT: 13.428 min Scan# 1904

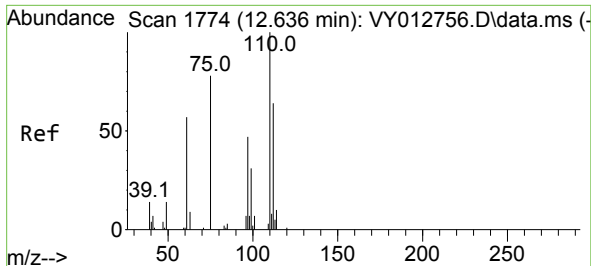
Delta R.T. -0.000 min

Lab File: VY012769.D

Acq: 02 Mar 2023 19:16

Tgt Ion:	152	Resp:	11088
Ion	Ratio	Lower	Upper
152	100		
115	57.3	27.1	81.3
150	152.3	0.0	347.8

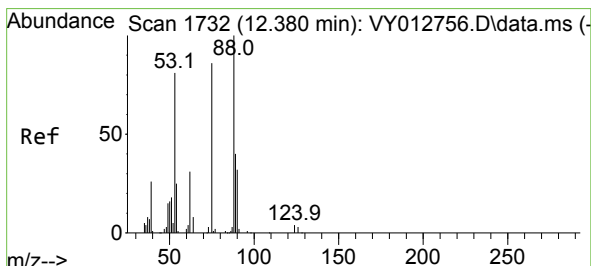
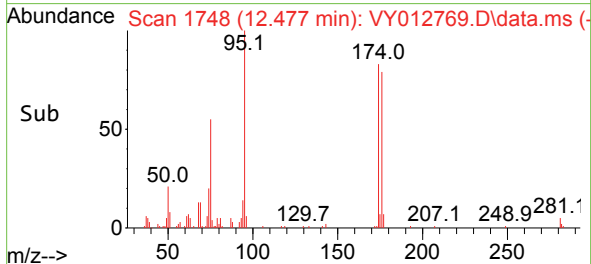
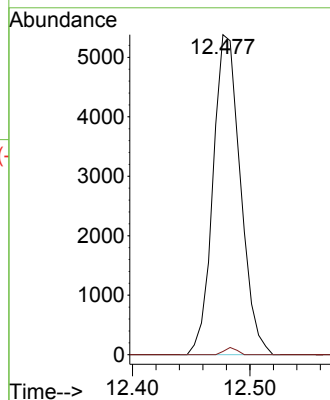
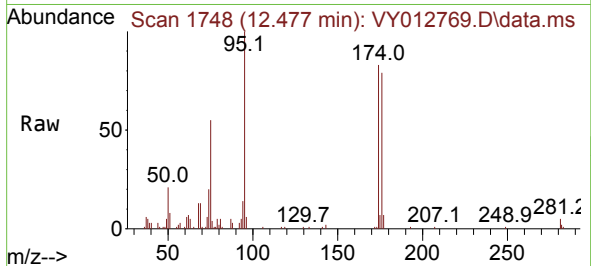




#76
1,2,3-Trichloropropane
Concen: 65.849 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01RE

Tgt Ion: 75 Resp: 8719
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.442 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY012769.D
Acq: 02 Mar 2023 19:16

Tgt Ion: 75 Resp: 8719
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

