

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013092.D
 Acq On : 27 Mar 2023 15:20
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 28 01:44:12 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	84082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56824	68.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.140%
35) Dibromofluoromethane	7.716	113	50027	57.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.540%
50) Toluene-d8	10.179	98	174087	54.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.020%
62) 4-Bromofluorobenzene	12.483	95	54538	50.598	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.200%

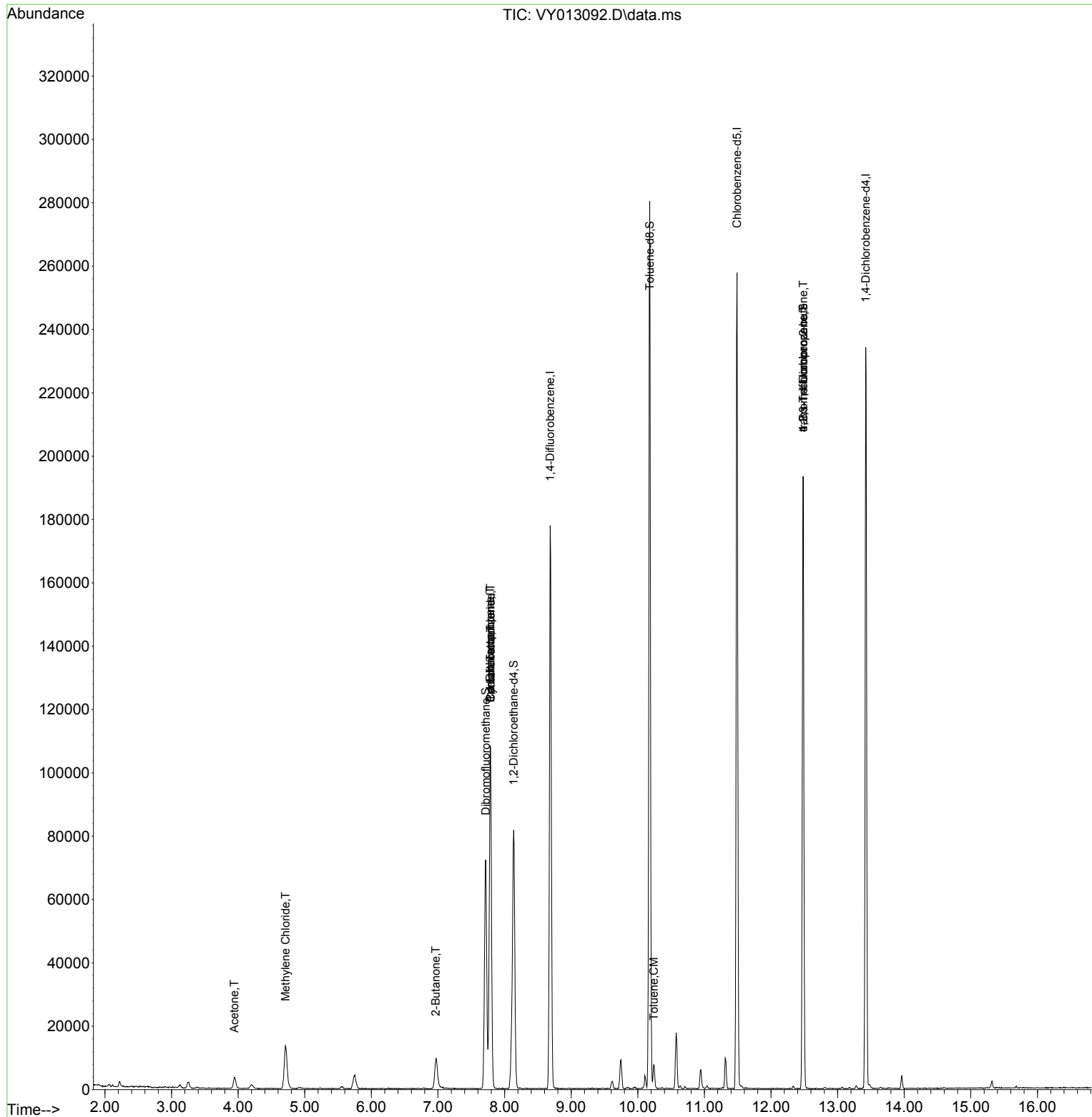
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.930	59	112	Below Cal	#	74
16) Acetone	3.942	43	6447	19.675	ug/l	94
20) Methylene Chloride	4.710	84	9092	4.168	ug/l	95
25) 2-Butanone	6.966	43	629	1.550	ug/l	# 49
31) Cyclohexane	7.789	56	1964	1.228	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	6697	4.575	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	8245	5.454	ug/l	# 17
52) Toluene	10.240	92	3008	1.205	ug/l	100
76) 1,2,3-Trichloropropane	12.483	75	28219	38.100	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	28219	78.945	ug/l	# 13

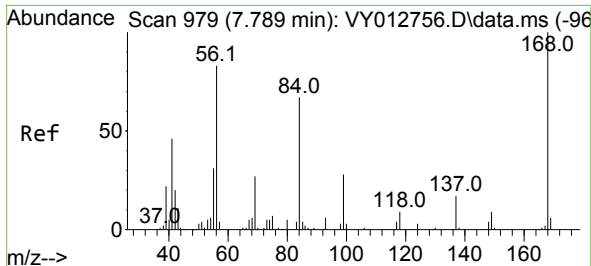
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
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ClientSampleId :
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Quant Time: Mar 28 01:44:12 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

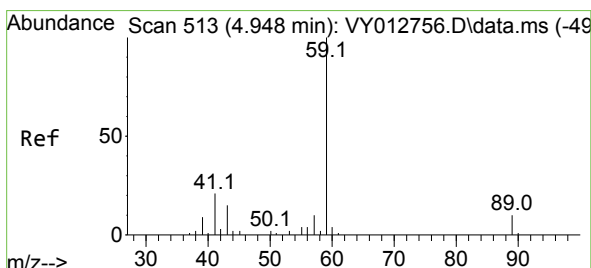
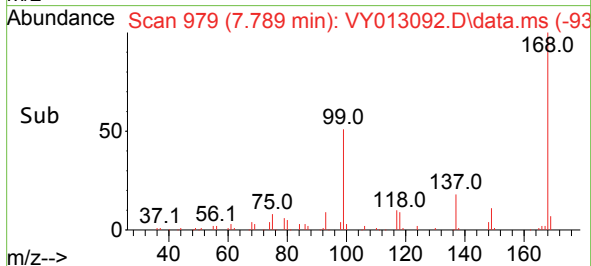
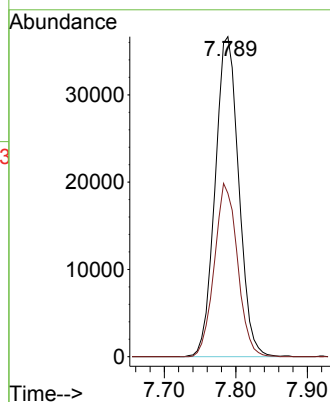
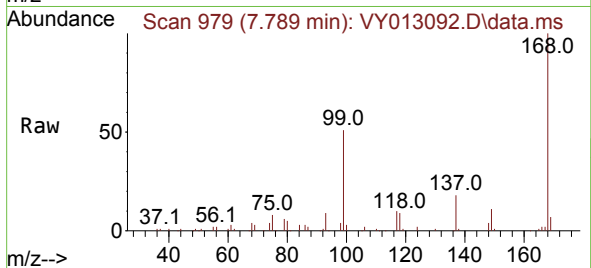




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

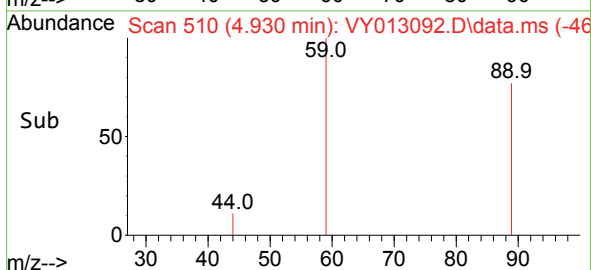
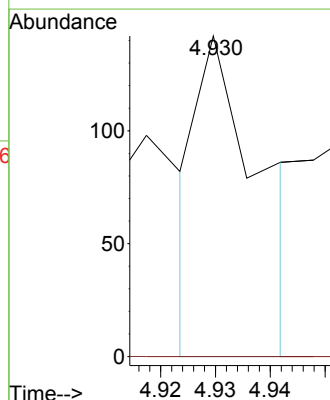
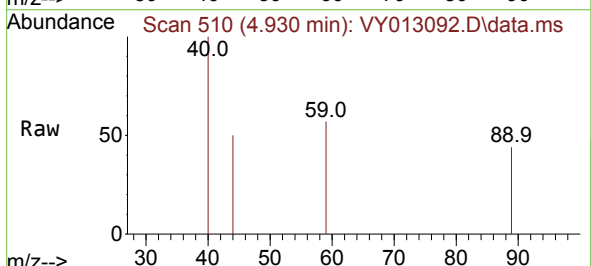
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

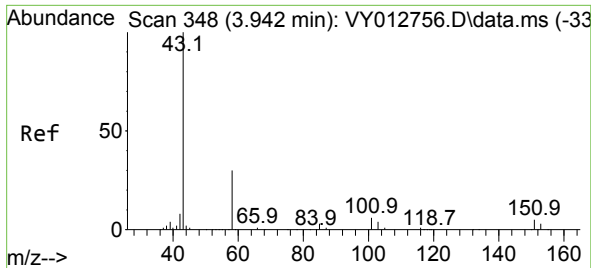
Tgt Ion:168 Resp: 84082
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

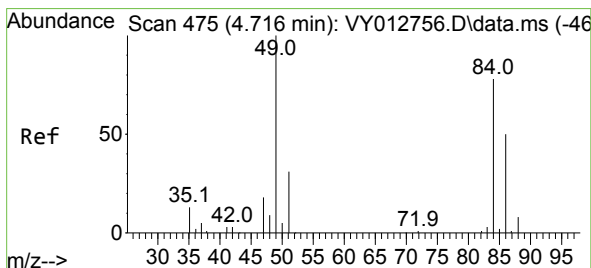
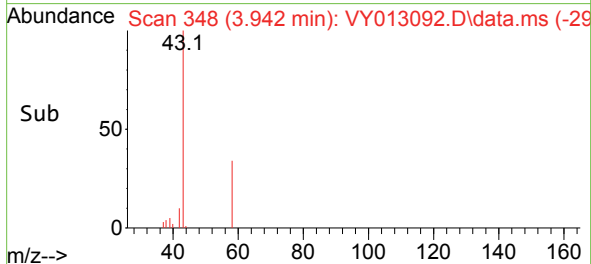
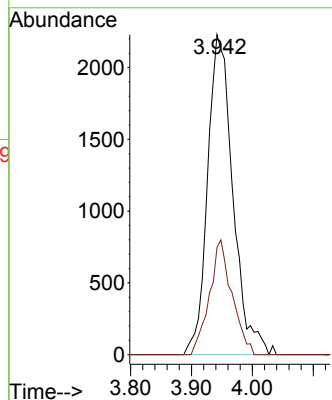
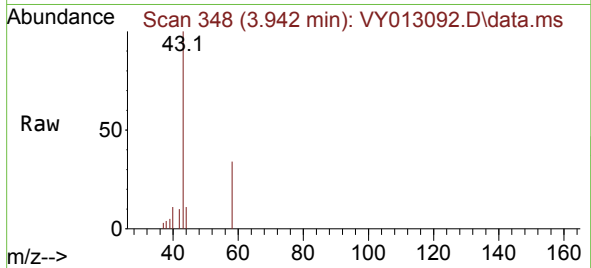




#16
Acetone
Concen: 19.675 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

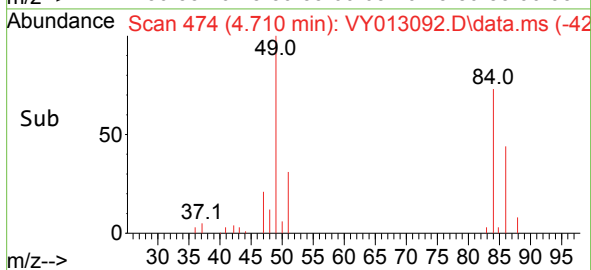
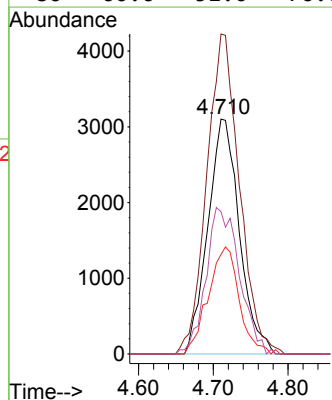
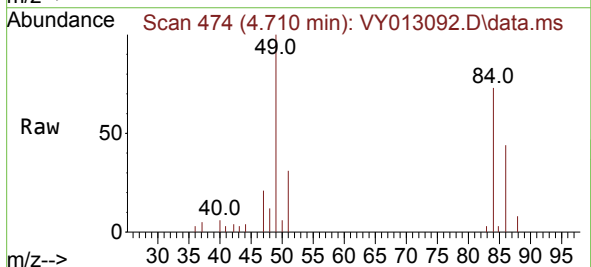
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

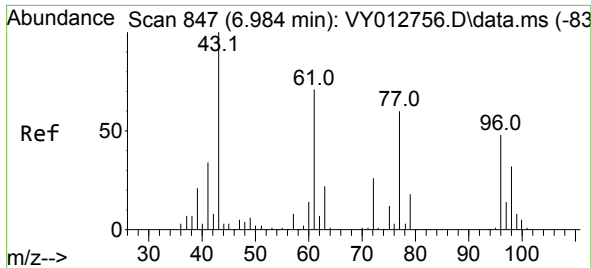
Tgt Ion: 43 Resp: 6447
Ion Ratio Lower Upper
43 100
58 33.5 24.2 36.2



#20
Methylene Chloride
Concen: 4.168 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

Tgt Ion: 84 Resp: 9092
Ion Ratio Lower Upper
84 100
49 134.5 102.6 154.0
51 42.4 31.9 47.9
86 60.6 51.0 76.6

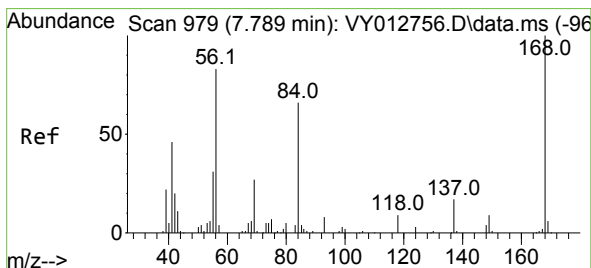
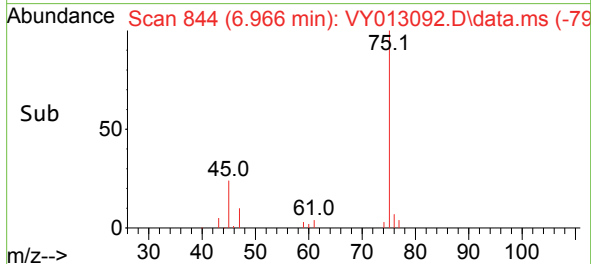
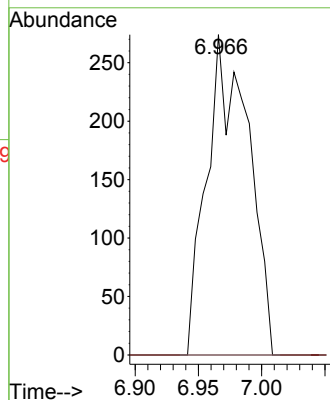
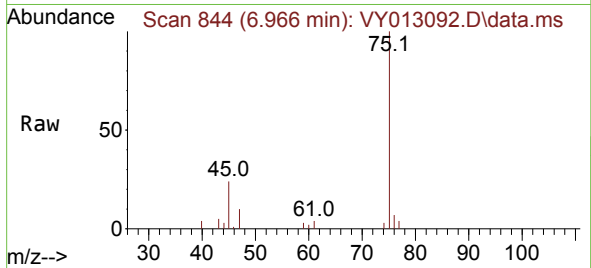




#25
2-Butanone
Concen: 1.550 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

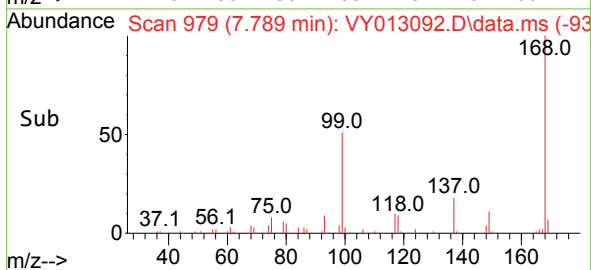
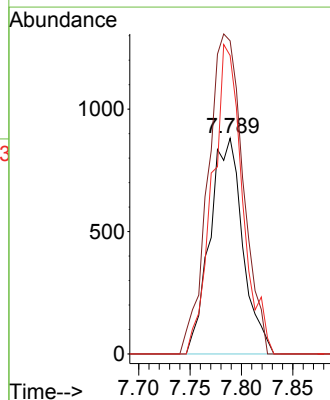
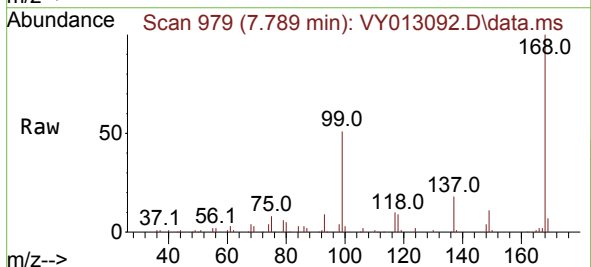
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

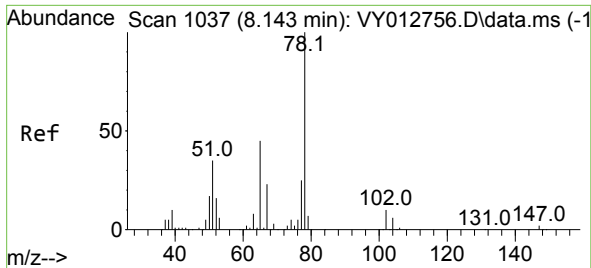
Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

Tgt Ion: 56 Resp: 1964
Ion Ratio Lower Upper
56 100
69 145.2 25.7 38.5#
84 138.4 64.3 96.5#

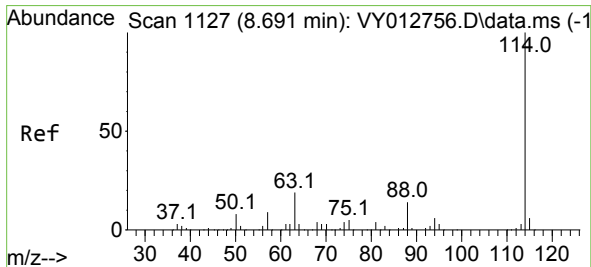
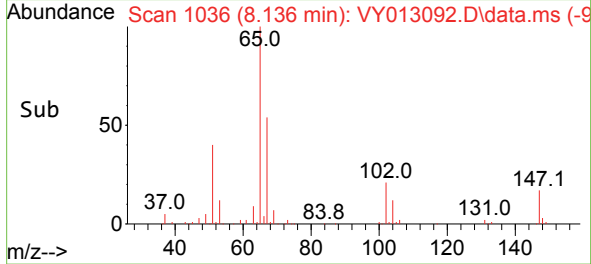
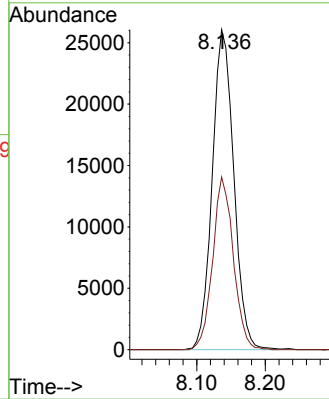
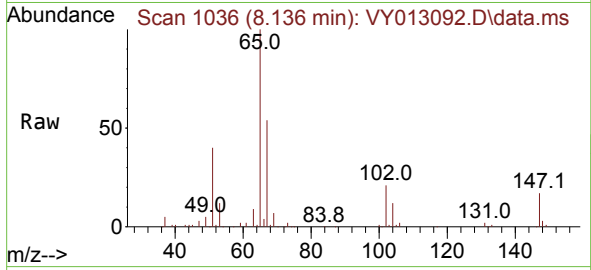




#33
 1,2-Dichloroethane-d4
 Concen: 68.067 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY013092.D
 Acq: 27 Mar 2023 15:20

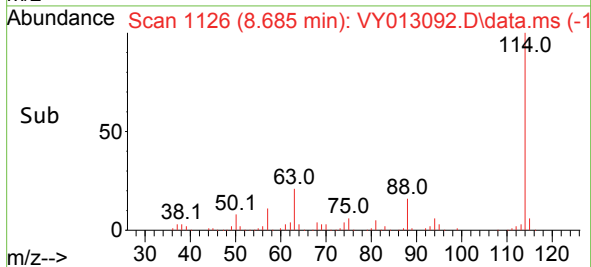
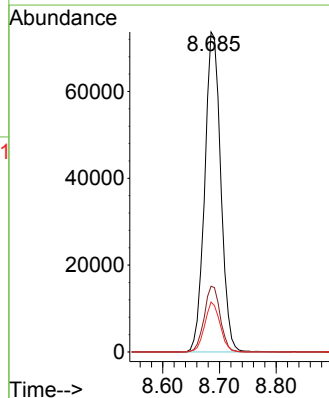
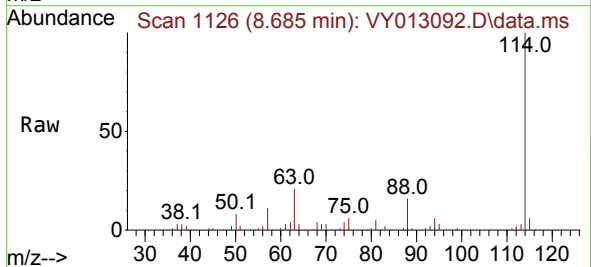
Instrument :
 MSVOA_Y
 ClientSampleId :
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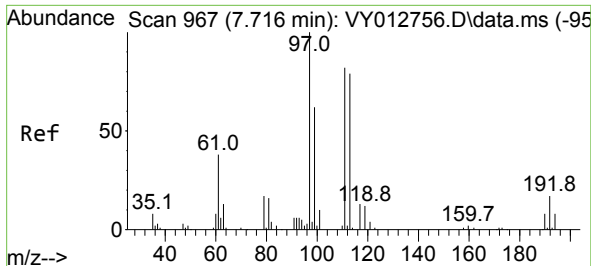
Tgt Ion: 65 Resp: 56824
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013092.D
 Acq: 27 Mar 2023 15:20

Tgt Ion: 114 Resp: 144743
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.6 0.0 28.6

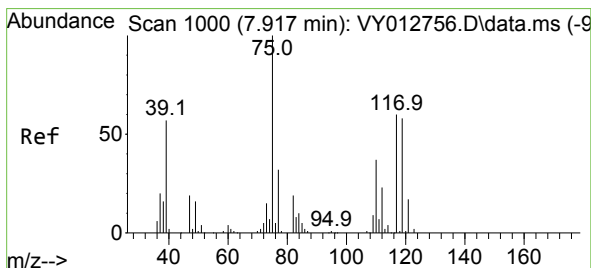
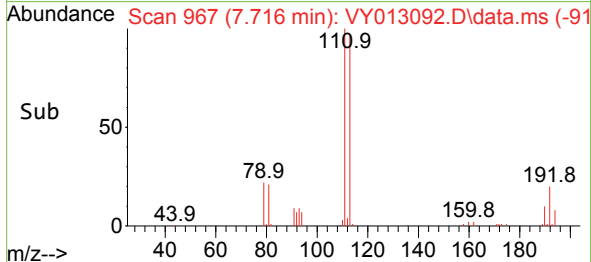
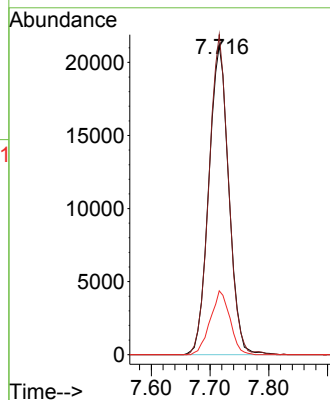
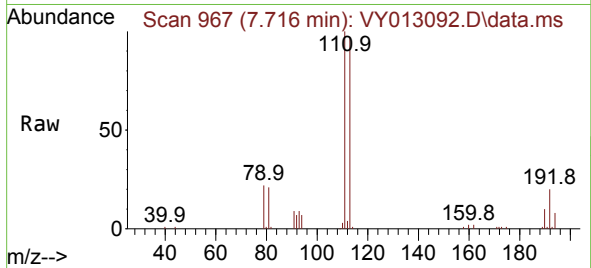




#35
Dibromofluoromethane
Concen: 57.270 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

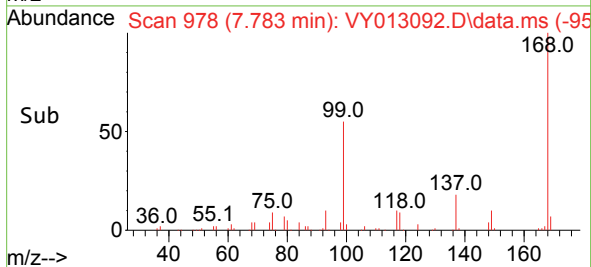
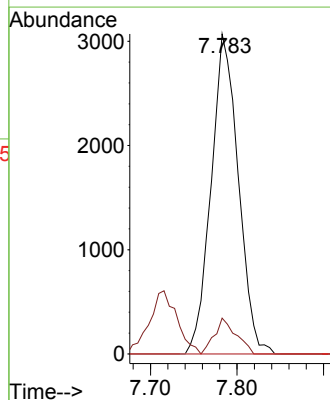
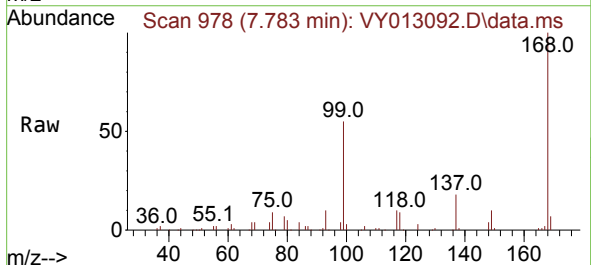
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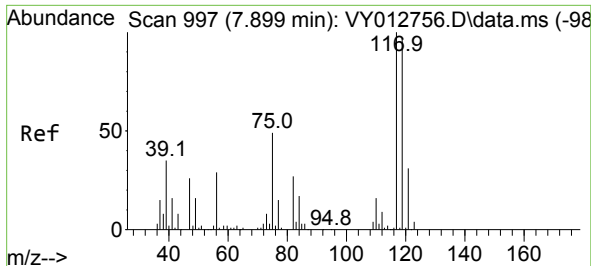
Tgt Ion:113 Resp: 50027
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

Tgt Ion: 75 Resp: 6697
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#

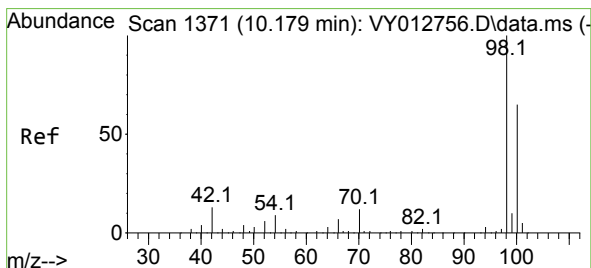
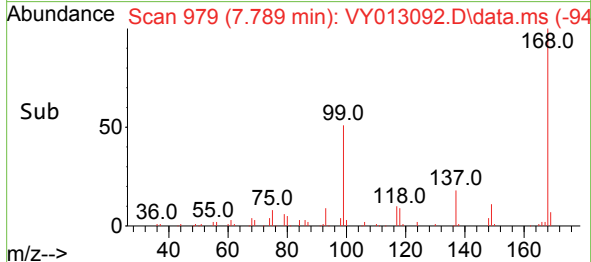
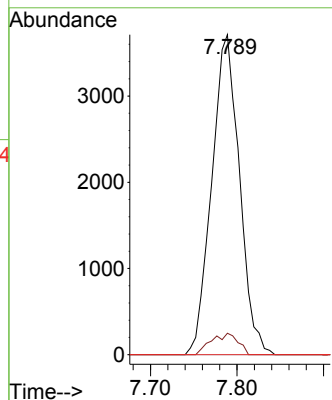
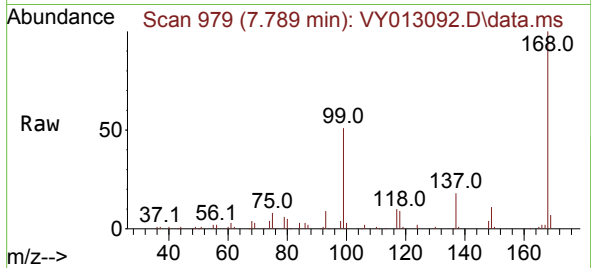




#38
Carbon Tetrachloride
Concen: 5.454 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

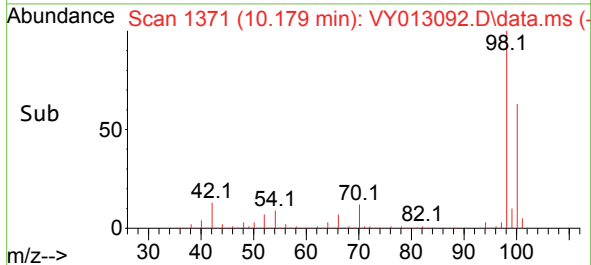
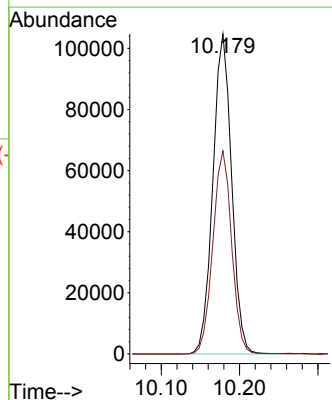
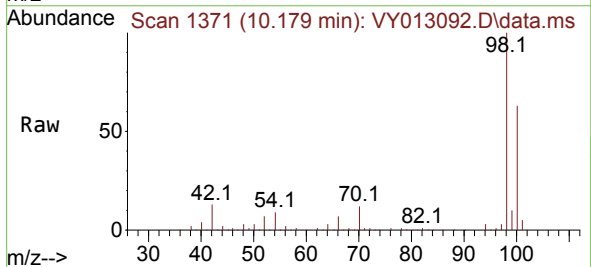
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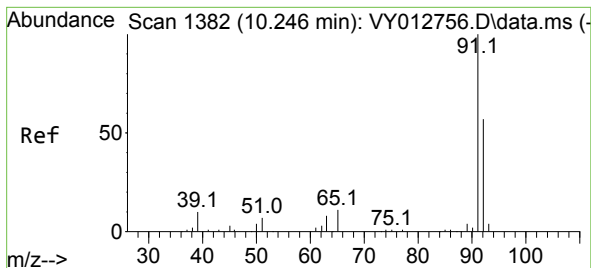
Tgt Ion:117 Resp: 8245
Ion Ratio Lower Upper
117 100
119 6.7 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.514 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

Tgt Ion: 98 Resp: 174087
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#52

Toluene

Concen: 1.205 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013092.D

Acq: 27 Mar 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

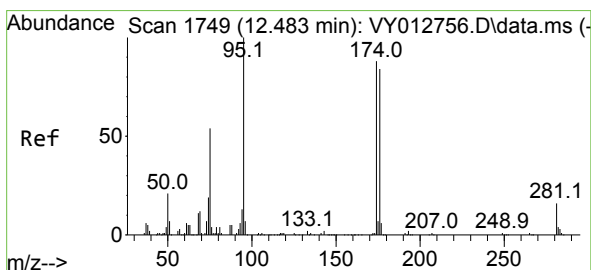
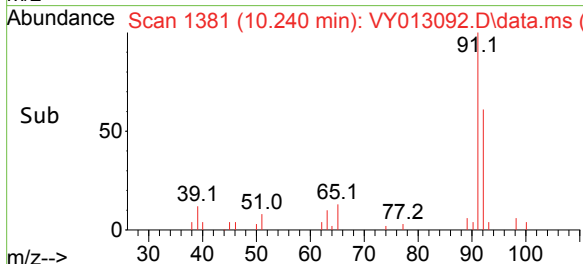
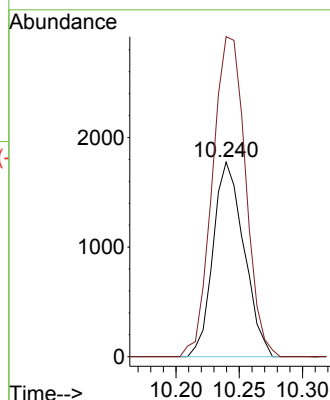
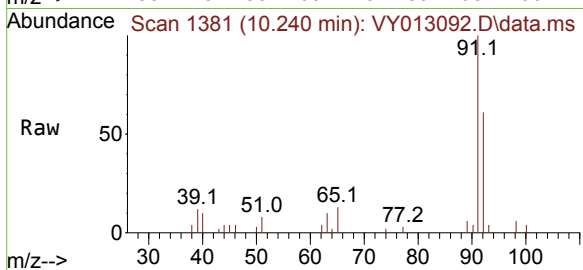
VIBLK

Tgt Ion: 92 Resp: 3008

Ion Ratio Lower Upper

92 100

91 176.8 141.3 211.9



#62

4-Bromofluorobenzene

Concen: 50.598 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013092.D

Acq: 27 Mar 2023 15:20

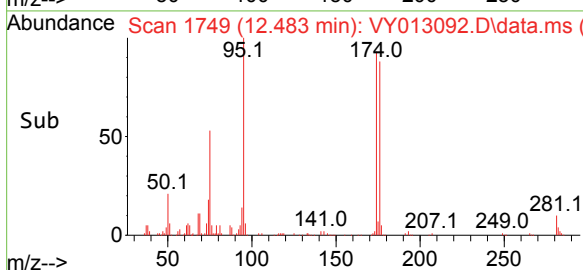
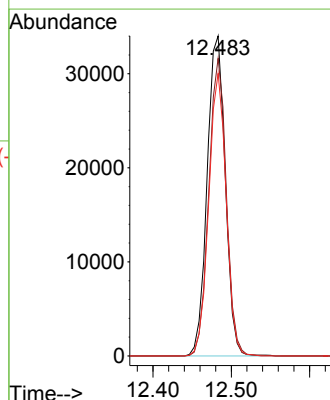
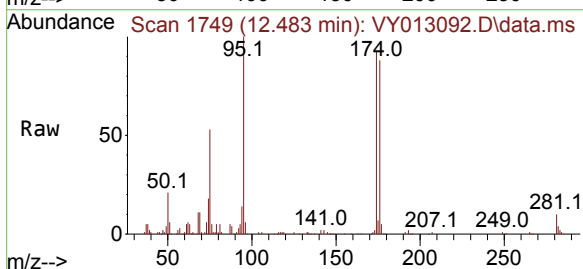
Tgt Ion: 95 Resp: 54538

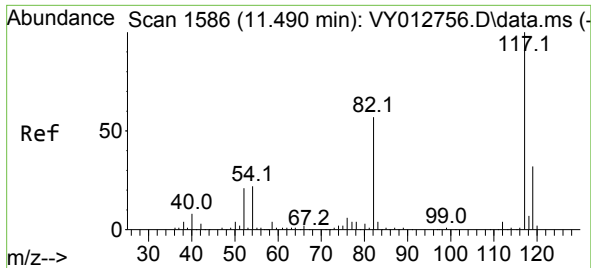
Ion Ratio Lower Upper

95 100

174 90.3 0.0 176.6

176 85.1 0.0 170.2

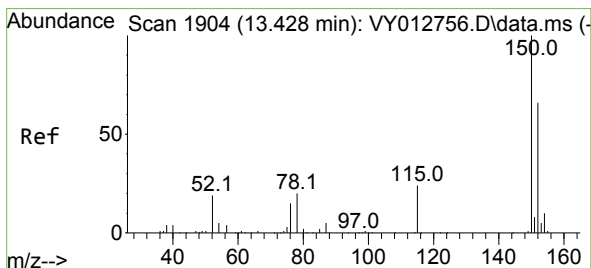
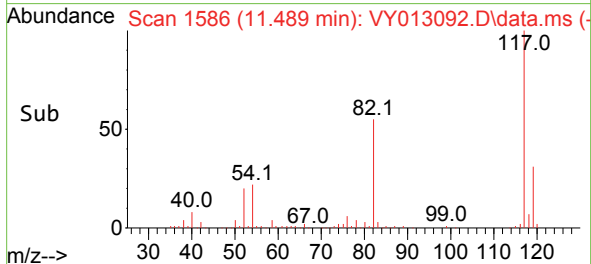
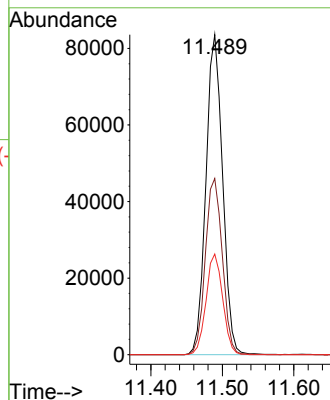
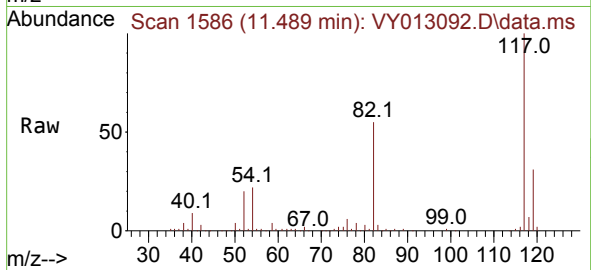




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

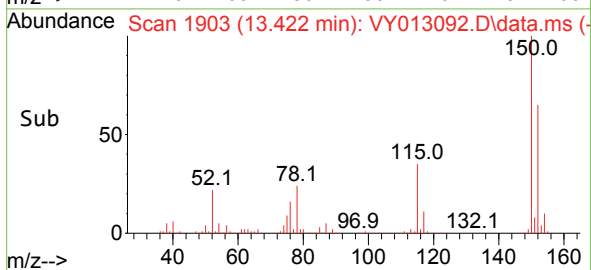
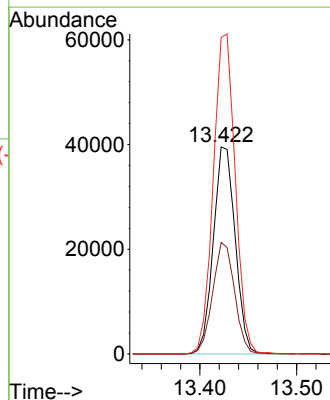
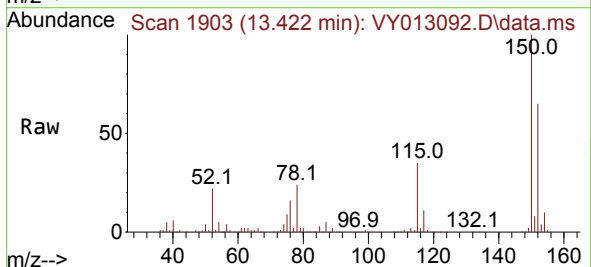
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

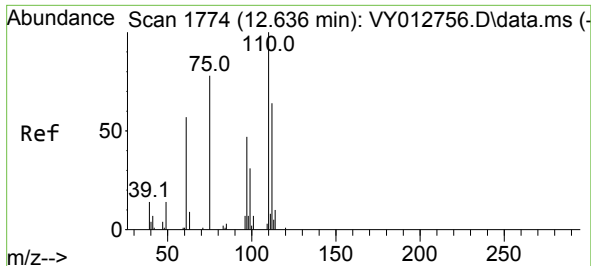
Tgt Ion:117 Resp: 135399
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

Tgt Ion:152 Resp: 62023
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.3
150 155.4 0.0 347.8

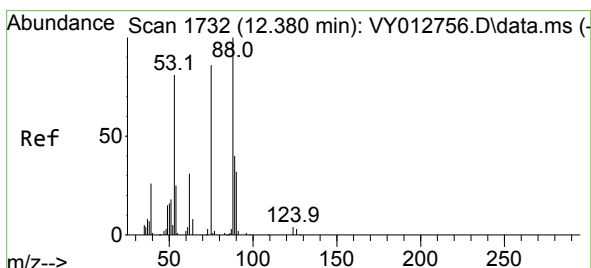
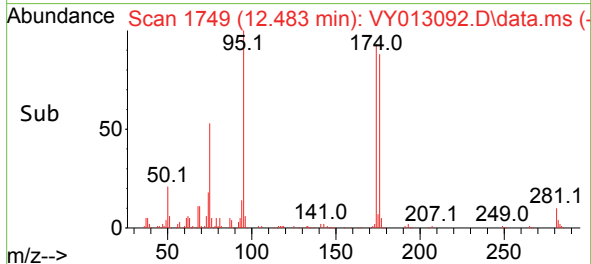
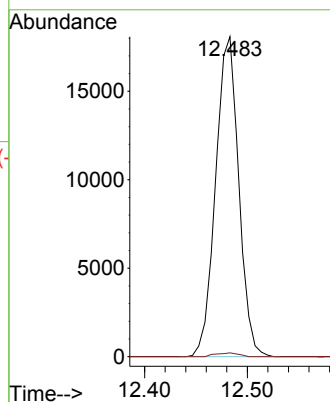
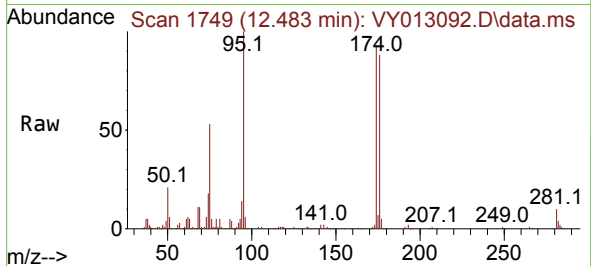




#76
1,2,3-Trichloropropane
Concen: 38.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 28219
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013092.D
Acq: 27 Mar 2023 15:20

Tgt Ion: 75 Resp: 28219
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.3 36.6 55.0#

