

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014984.D
 Acq On : 08 Aug 2023 14:48
 Operator : SY/MD
 Sample : 03929-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-07

Quant Time: Aug 09 01:00:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

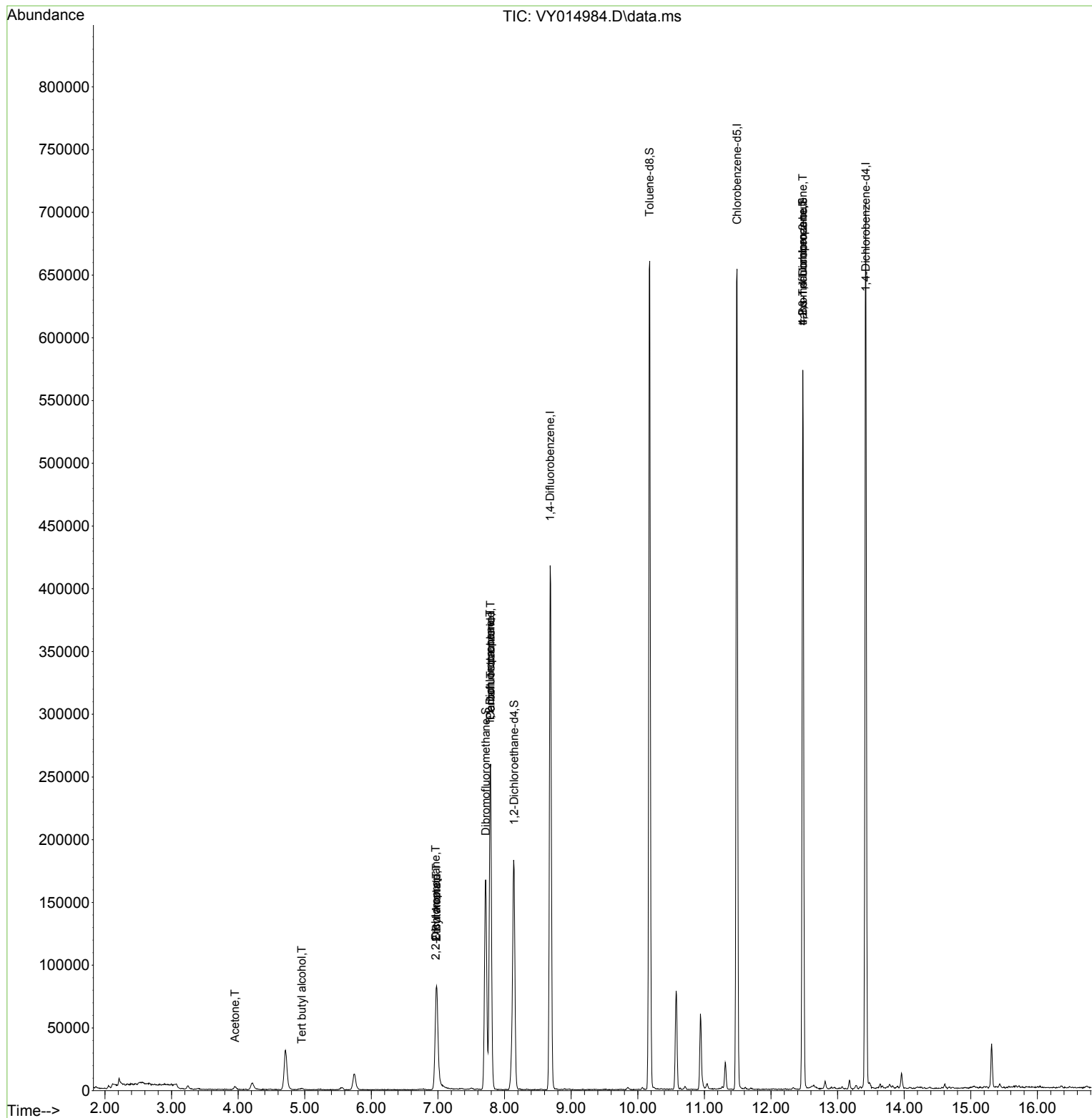
Internal Standards						
1) Pentafluorobenzene	7.789	168	203886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	366767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	135808	54.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.716	113	117737	50.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.400%	
50) Toluene-d8	10.179	98	434451	48.666	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.340%	
62) 4-Bromofluorobenzene	12.477	95	167675	52.996	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65	Below Cal	#	43
5) Bromomethane	2.650	94	285	Below Cal		94
11) Tert butyl alcohol	4.954	59	1393	2.336	ug/l #	89
16) Acetone	3.954	43	3944	5.118	ug/l #	80
20) Methylene Chloride	4.710	84	23336	Below Cal		83
25) 2-Butanone	6.978	43	5002	4.532	ug/l #	70
26) 2,2-Dichloropropane	6.966	77	6426	1.791	ug/l #	54
31) Cyclohexane	7.783	56	4290	Below Cal	#	16
36) 1,1-Dichloropropene	7.783	75	16122	5.537	ug/l #	51
37) Ethyl Acetate	6.978	43	5002	2.164	ug/l #	1
38) Carbon Tetrachloride	7.789	117	20304	6.203	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	89685	42.335	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	89685	93.265	ug/l #	11

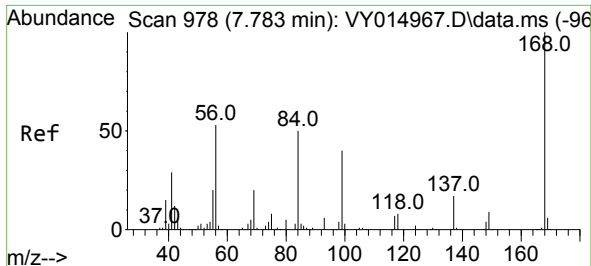
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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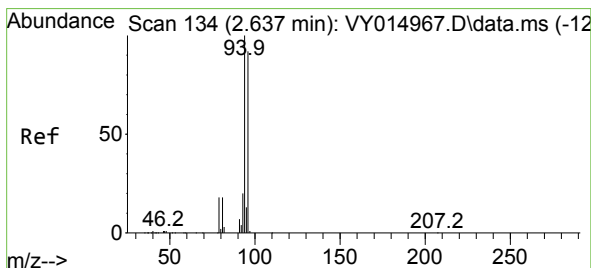
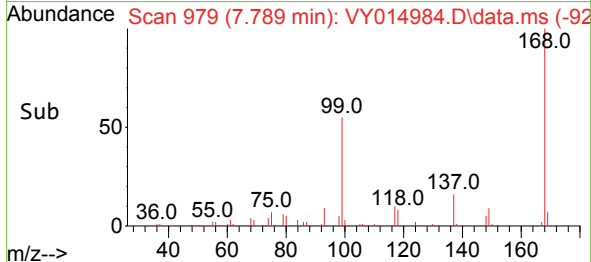
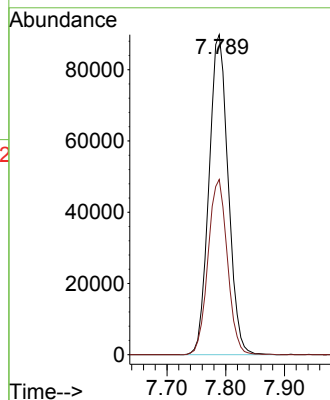
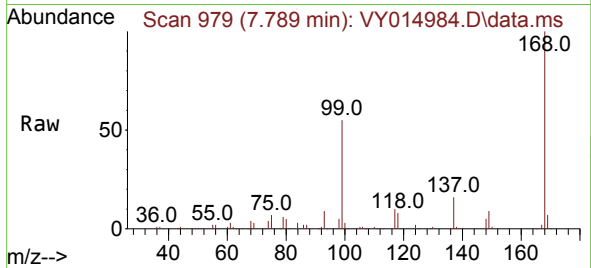




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

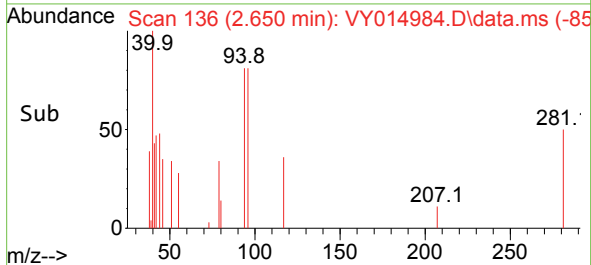
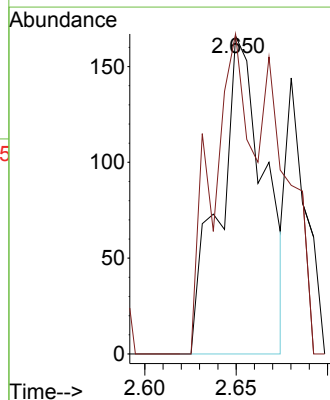
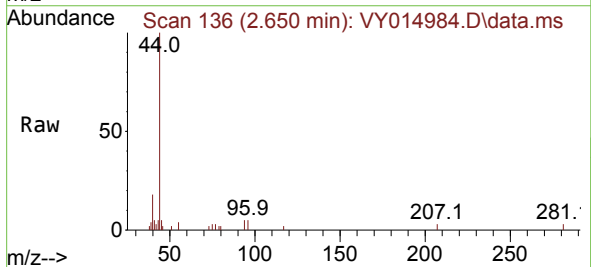
Instrument :
MSVOA_Y
ClientSampleId :
DUP-07

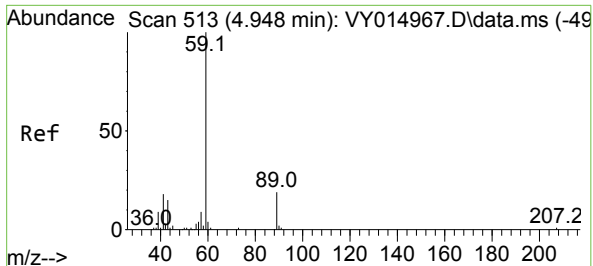
Tgt Ion:168 Resp: 203886
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 100.6 75.8 113.6





#11

Tert butyl alcohol

Concen: 2.336 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY014984.D

Acq: 08 Aug 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

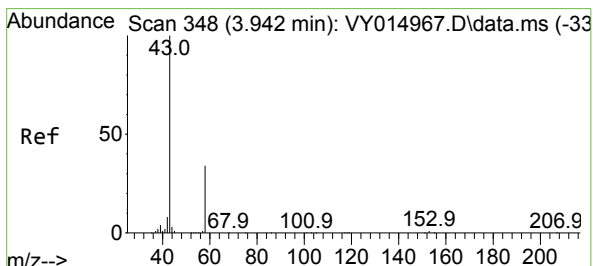
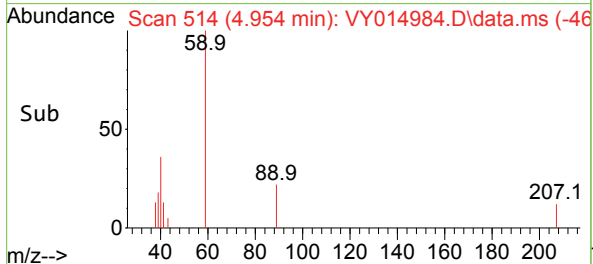
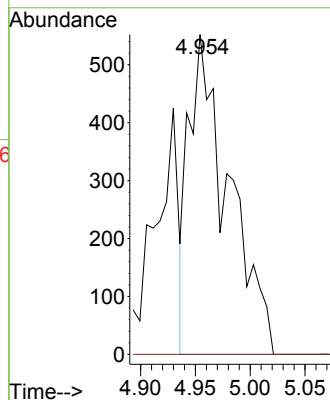
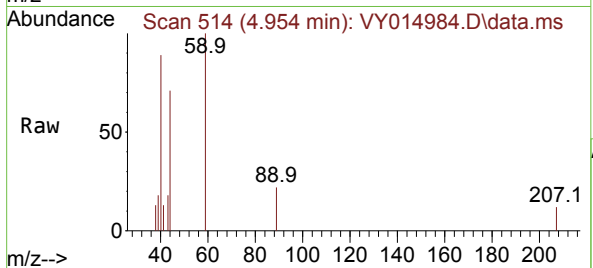
DUP-07

Tgt Ion: 59 Resp: 1393

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 5.118 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY014984.D

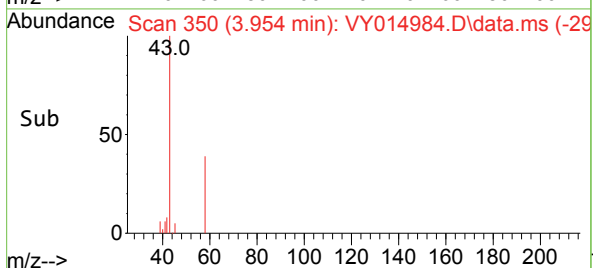
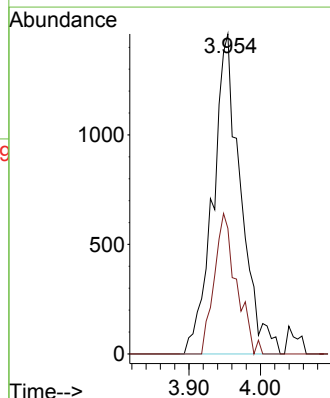
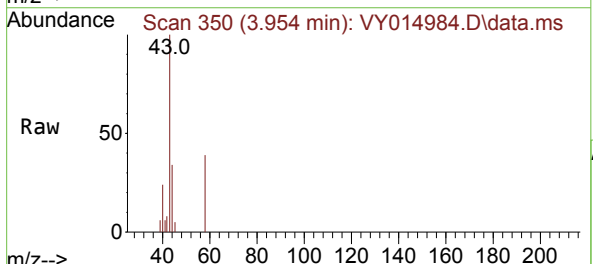
Acq: 08 Aug 2023 14:48

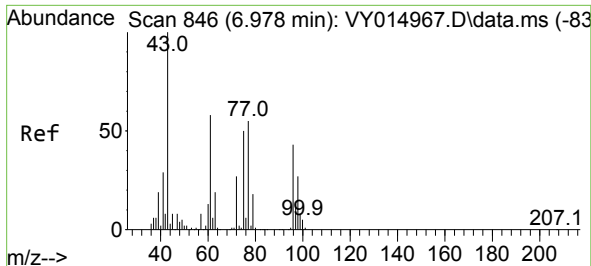
Tgt Ion: 43 Resp: 3944

Ion Ratio Lower Upper

43 100

58 39.2 22.7 34.1#

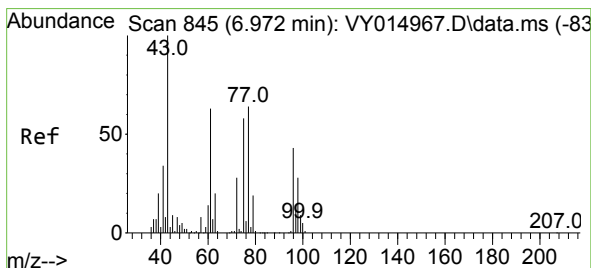
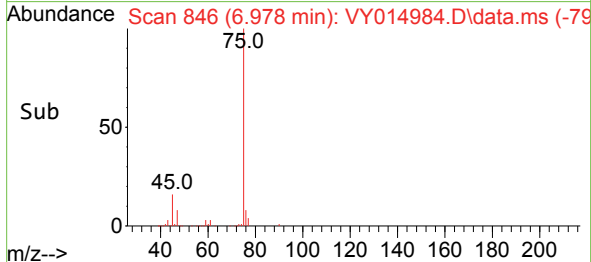
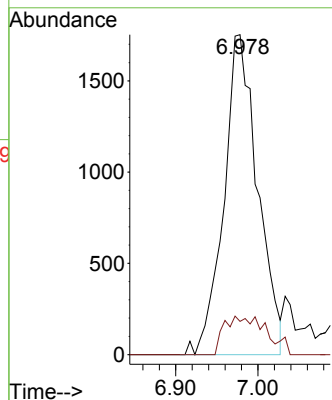
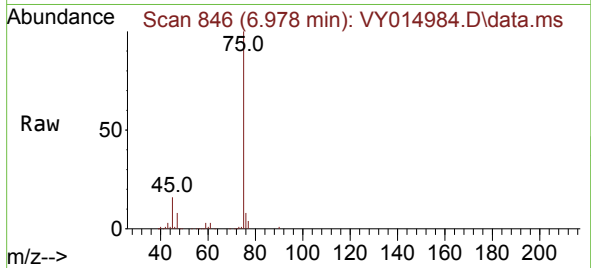




#25
2-Butanone
Concen: 4.532 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

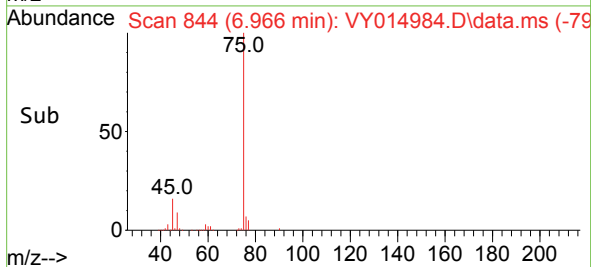
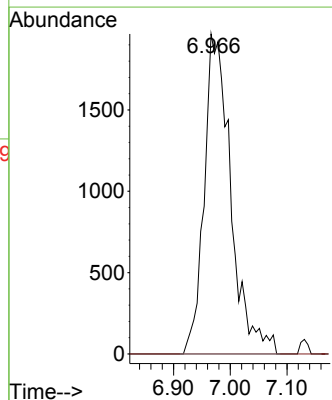
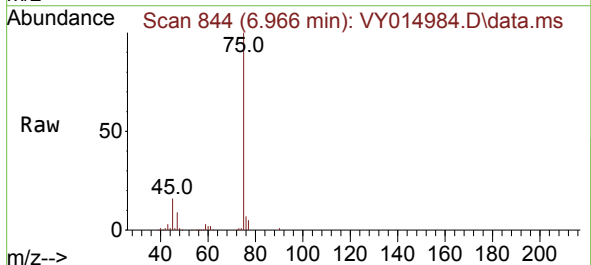
Instrument :
MSVOA_Y
ClientSampleId :
DUP-07

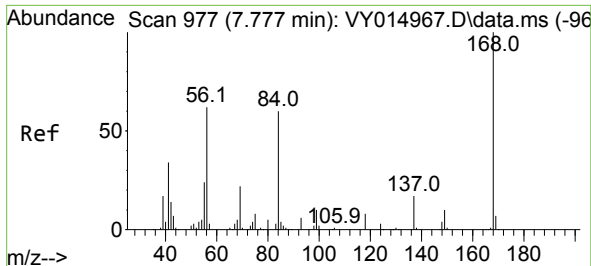
Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
72 10.4 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.791 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 77 Resp: 6426
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

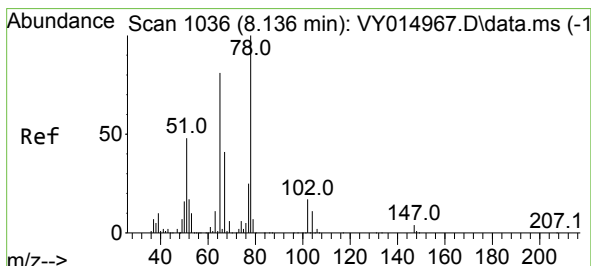
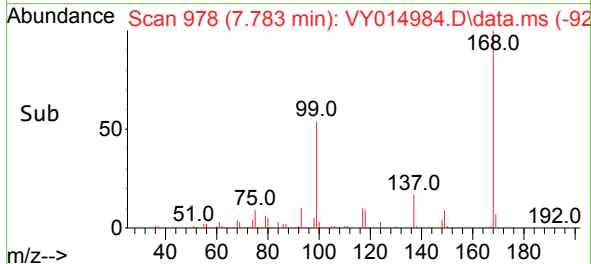
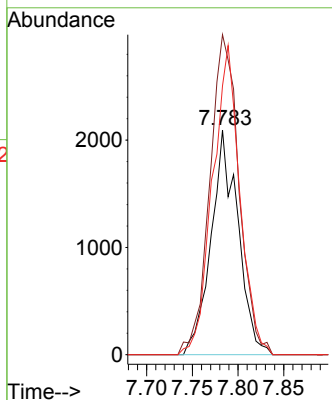
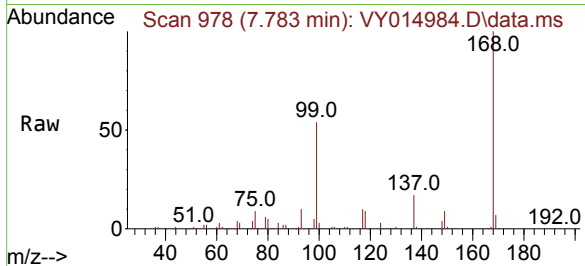




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

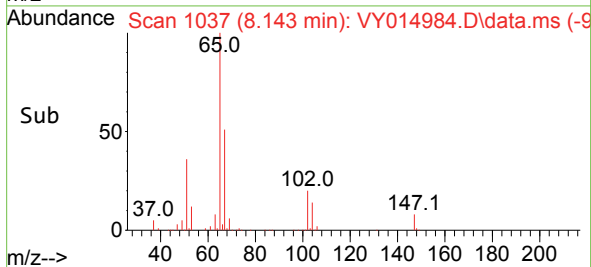
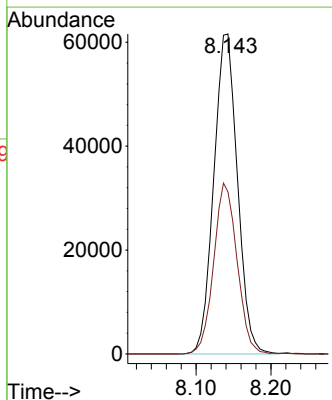
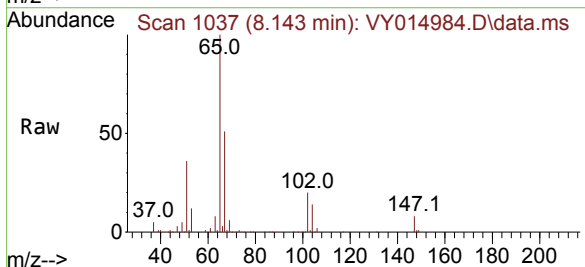
Instrument :
MSVOA_Y
ClientSampleId :
DUP-07

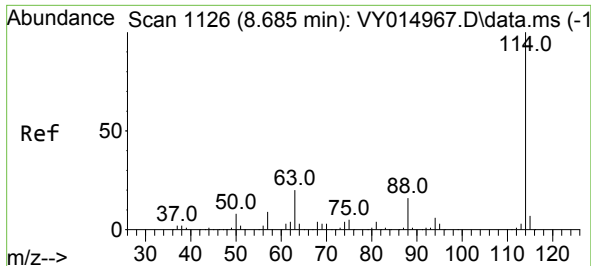
Tgt Ion: 56 Resp: 4290
Ion Ratio Lower Upper
56 100
69 142.5 27.8 41.6#
84 119.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.957 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 65 Resp: 135808
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014984.D

Acq: 08 Aug 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

DUP-07

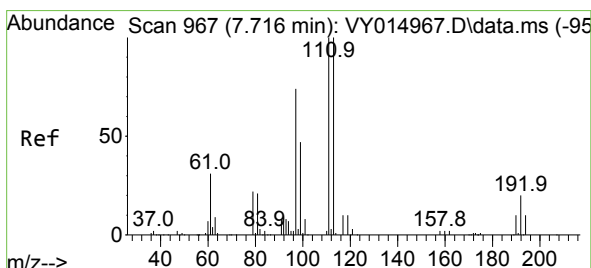
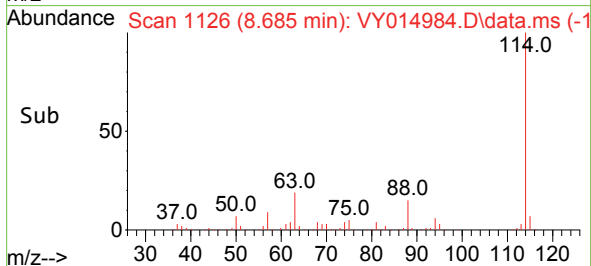
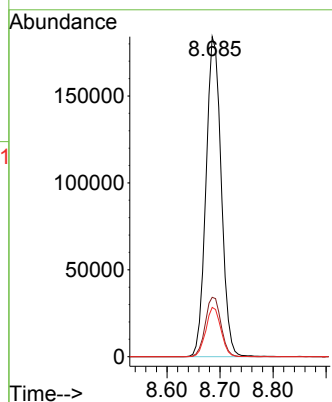
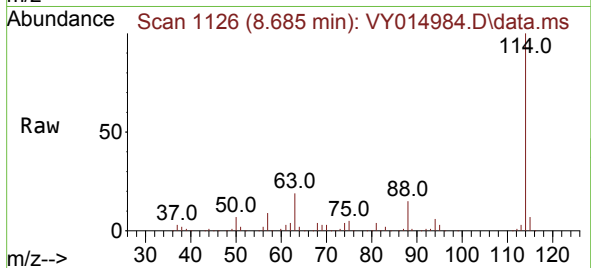
Tgt Ion:114 Resp: 366767

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.199 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY014984.D

Acq: 08 Aug 2023 14:48

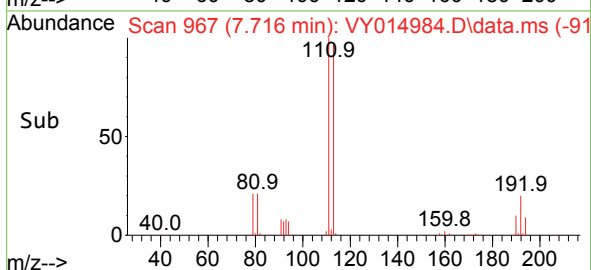
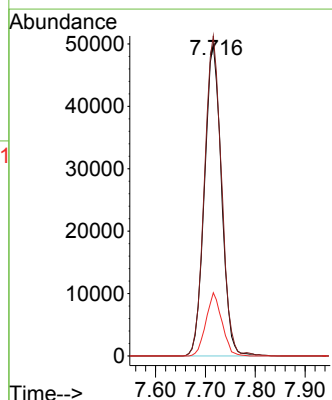
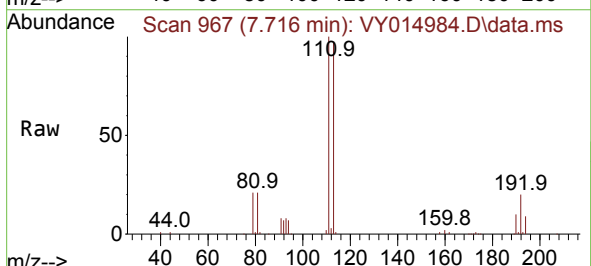
Tgt Ion:113 Resp: 117737

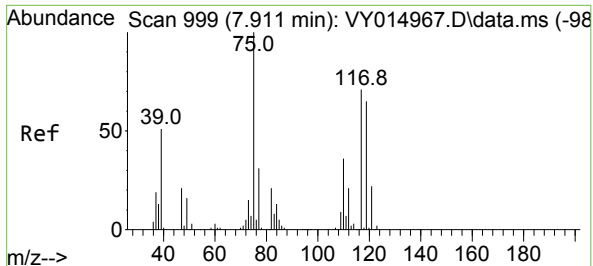
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.2 16.9 25.3

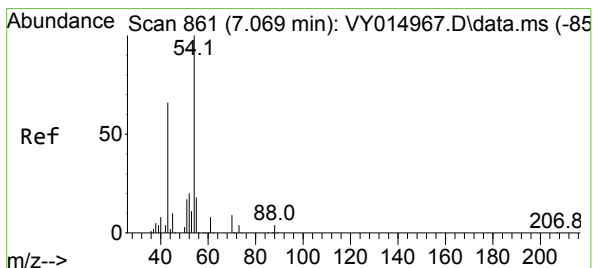
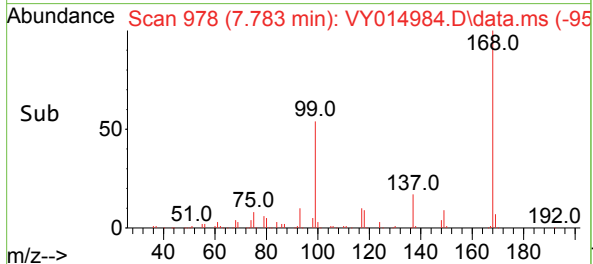
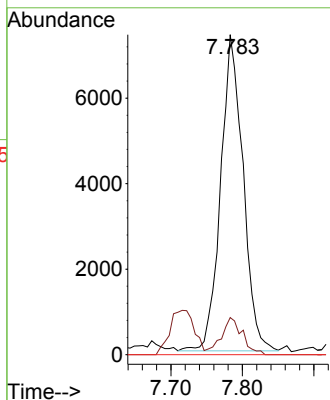
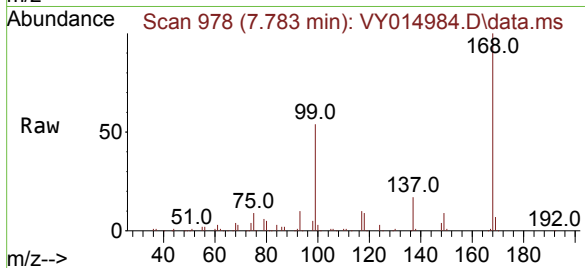




#36
1,1-Dichloropropene
Concen: 5.537 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

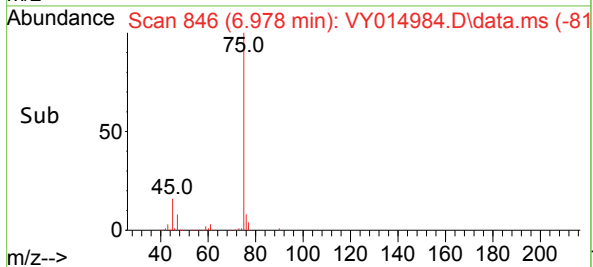
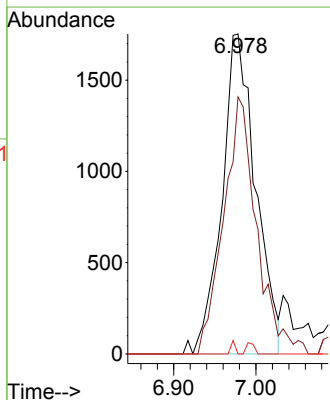
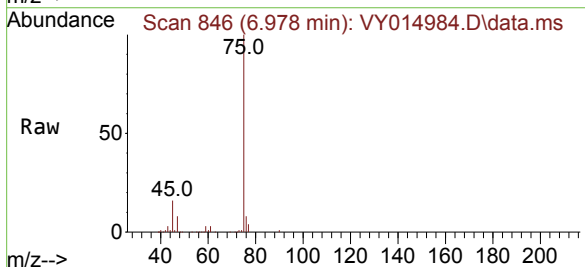
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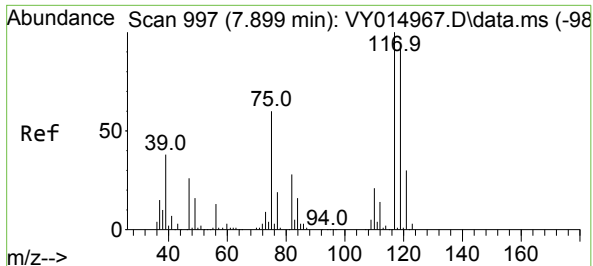
Tgt Ion: 75 Resp: 16122
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.164 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

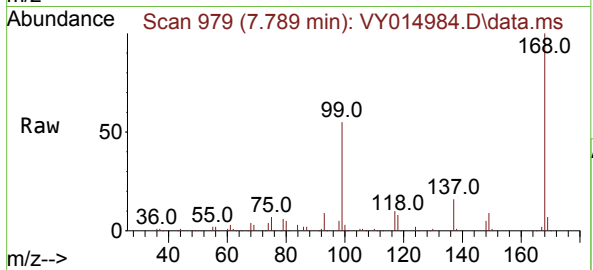
Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
61 78.7 10.1 15.1#
70 0.5 7.1 10.7#



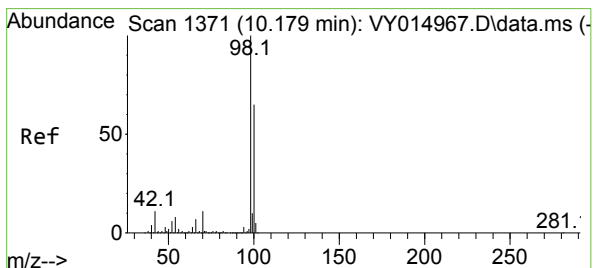
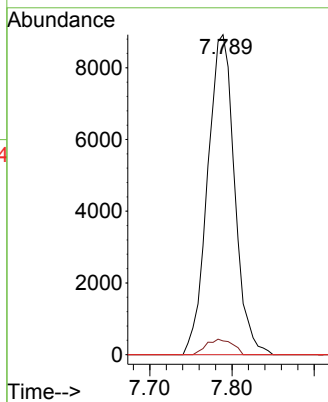
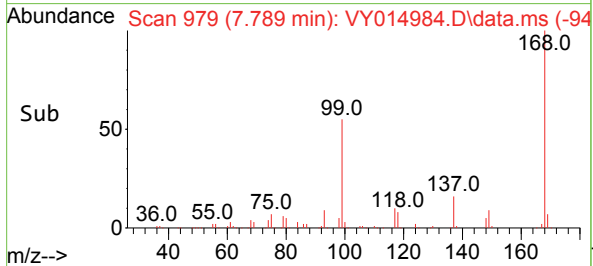


#38
Carbon Tetrachloride
Concen: 6.203 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

Instrument :
MSVOA_Y
ClientSampleId :
DUP-07

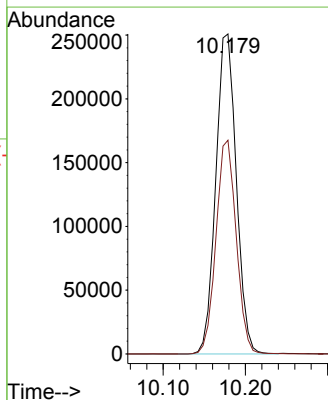
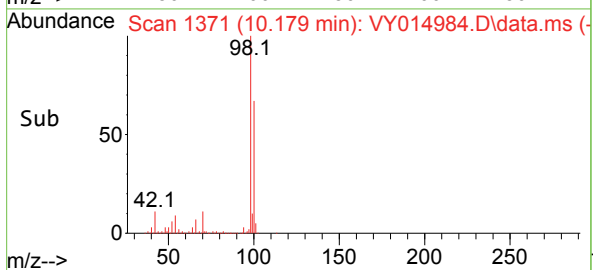
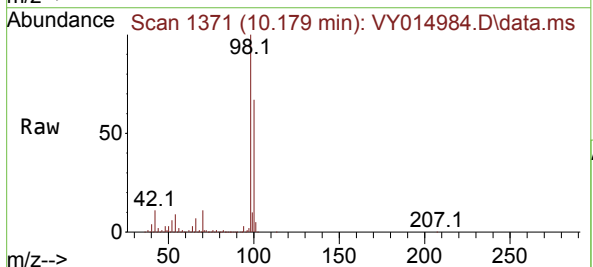


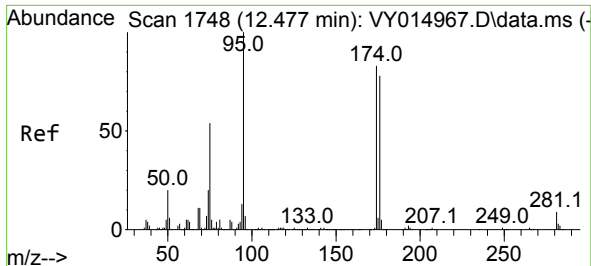
Tgt Ion:117 Resp: 20304
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.666 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 98 Resp: 434451
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

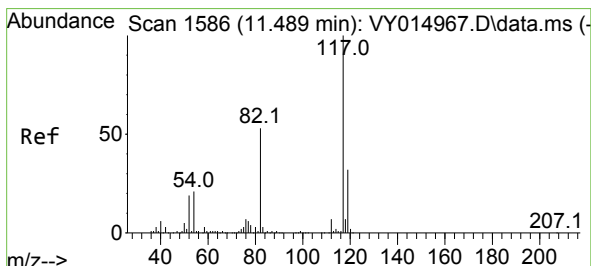
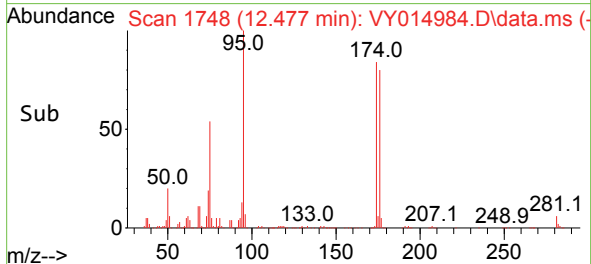
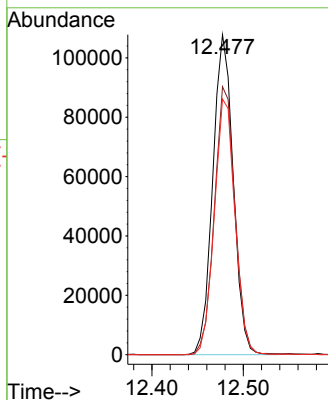
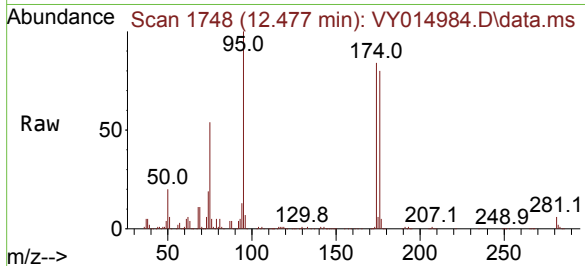




#62
4-Bromofluorobenzene
Concen: 52.996 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

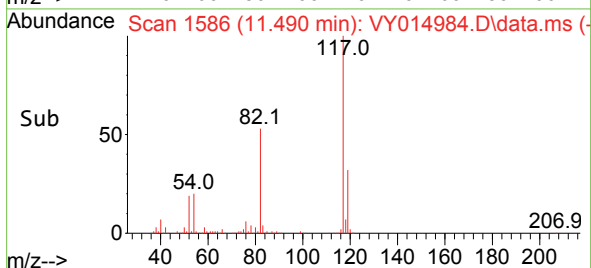
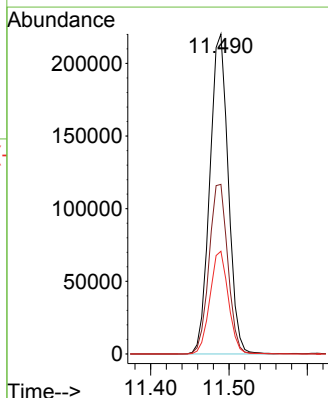
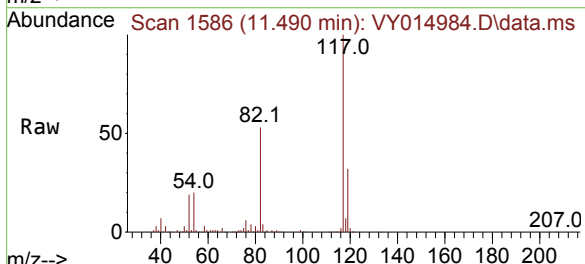
Instrument :
MSVOA_Y
ClientSampleId :
DUP-07

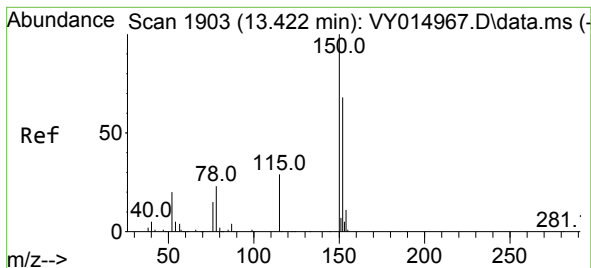
Tgt Ion: 95 Resp: 167675
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 80.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014984.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 117 Resp: 360014
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014984.D

Acq: 08 Aug 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

DUP-07

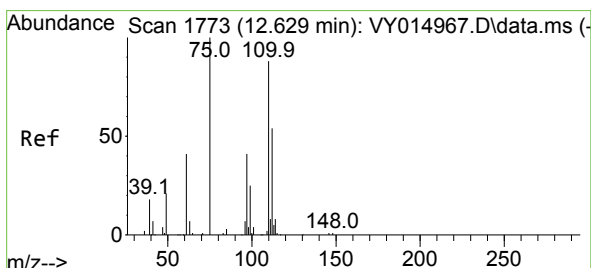
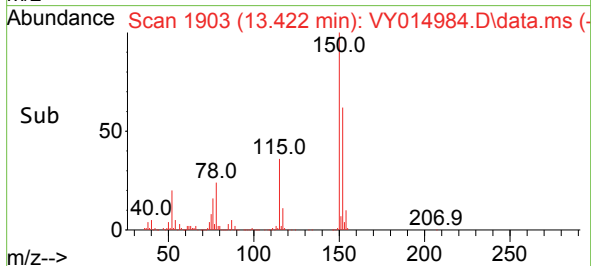
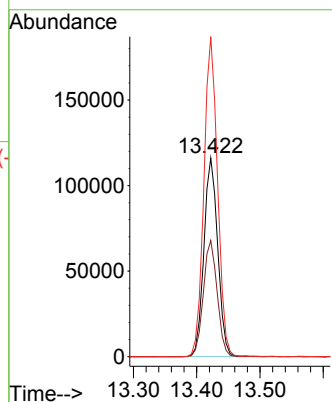
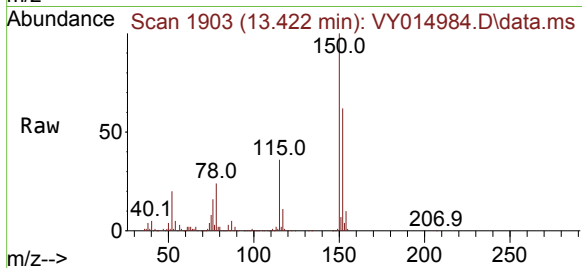
Tgt Ion:152 Resp: 176798

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 159.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 42.335 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY014984.D

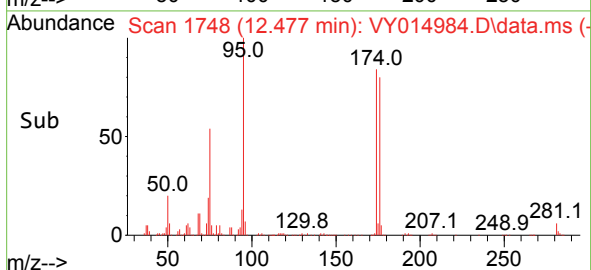
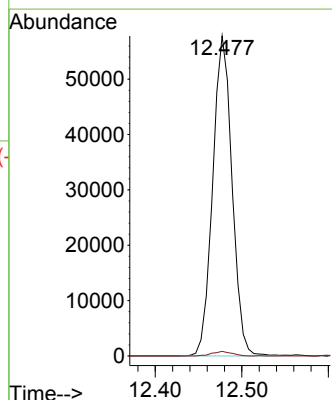
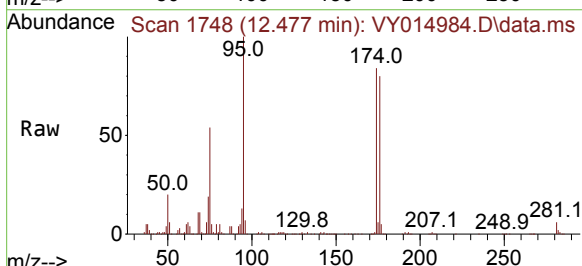
Acq: 08 Aug 2023 14:48

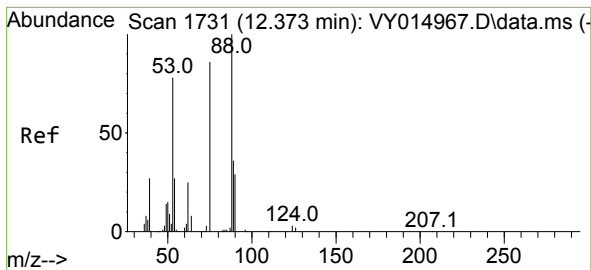
Tgt Ion: 75 Resp: 89685

Ion Ratio Lower Upper

75 100

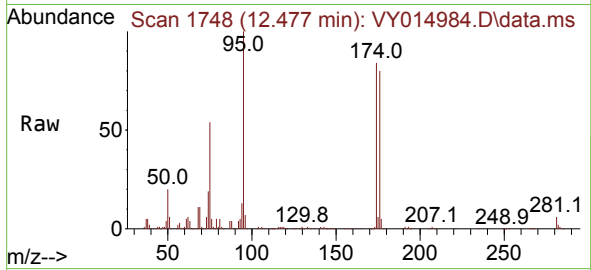
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.265 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014984.D
 Acq: 08 Aug 2023 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-07



Tgt Ion: 75 Resp: 89685
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

