

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014583.D
 Acq On : 06 Jul 2023 13:07
 Operator : KP/MD
 Sample : 03521-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 07 06:12:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

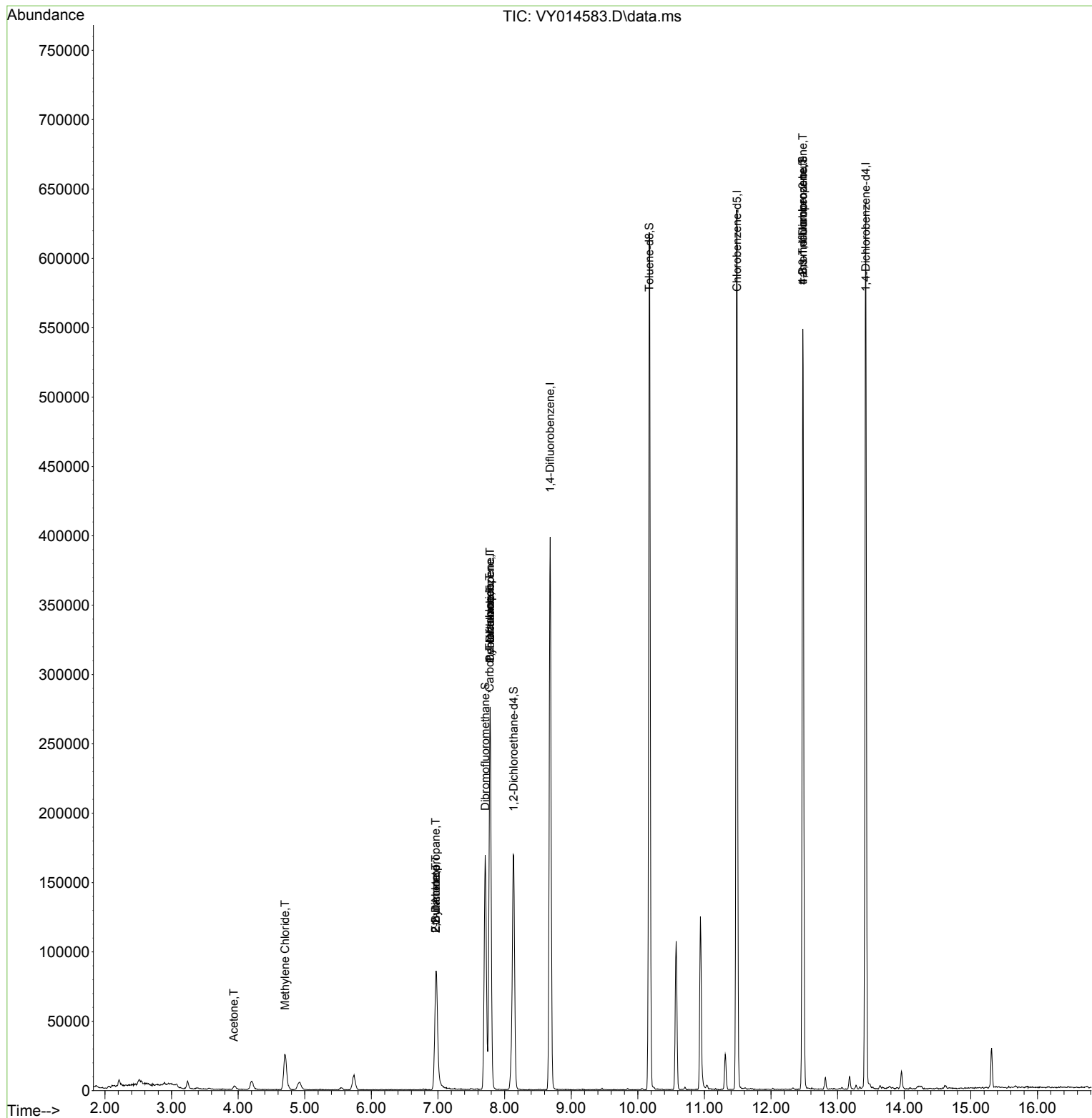
Internal Standards						
1) Pentafluorobenzene	7.783	168	233894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	360603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	368711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128205	55.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.200%	
35) Dibromofluoromethane	7.710	113	118999	53.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.180%	
50) Toluene-d8	10.173	98	420536	47.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.477	95	149626	49.087	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.180%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	222	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	6442	Below Cal	#	91
16) Acetone	3.936	43	4589	6.316	ug/l	95
20) Methylene Chloride	4.704	84	20688	3.020	ug/l #	77
25) 2-Butanone	6.966	43	4443	4.130	ug/l #	87
26) 2,2-Dichloropropane	6.966	77	6501	1.783	ug/l #	54
31) Cyclohexane	7.783	56	3850	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15198	4.469	ug/l #	49
37) Ethyl Acetate	6.966	43	4443	1.905	ug/l #	1
38) Carbon Tetrachloride	7.777	117	19564	5.511	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	73066	36.258	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73066	70.573	ug/l #	11

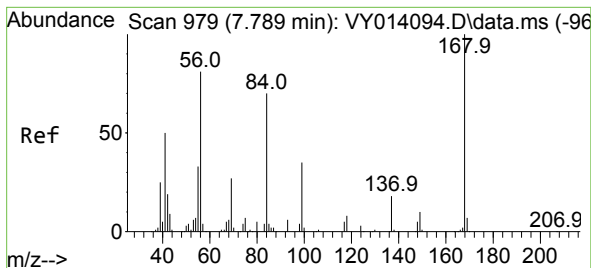
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014583.D

Acq: 06 Jul 2023 13:07

Instrument :

MSVOA_Y

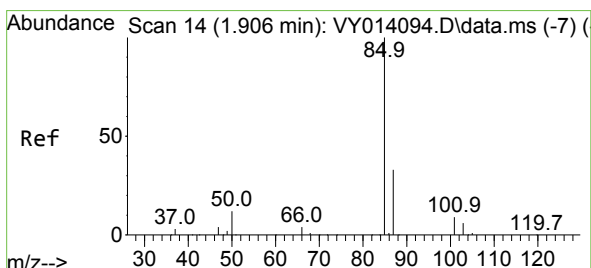
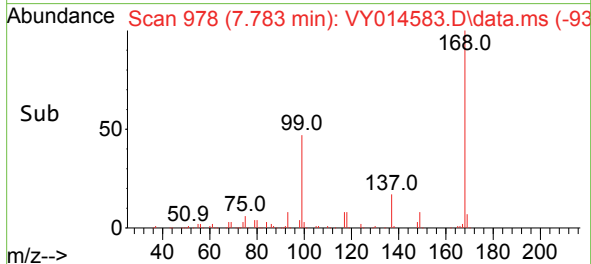
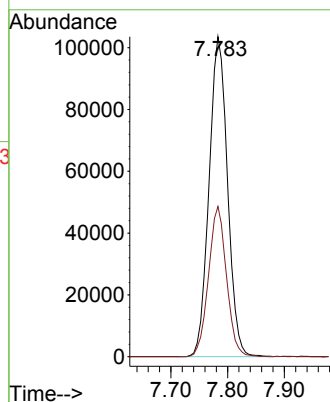
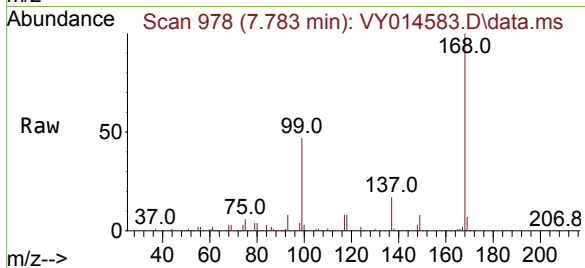
ClientSampleId :

Tgt Ion:168 Resp: 233894

Ion Ratio Lower Upper

168 100

99 46.9 43.4 65.0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY014583.D

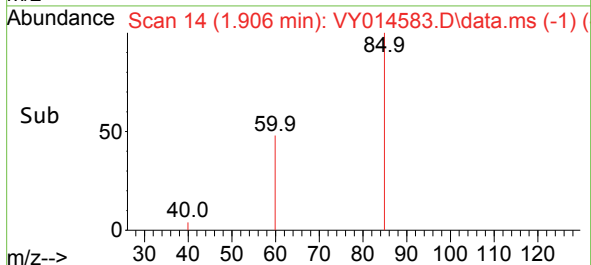
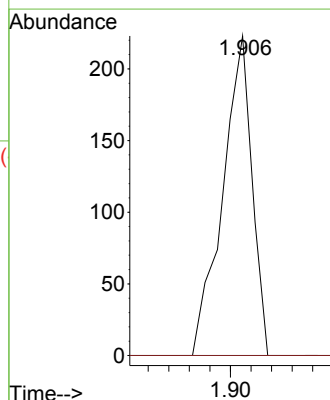
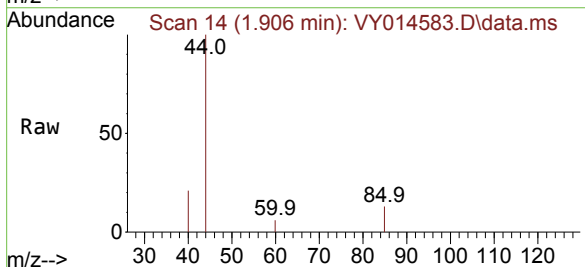
Acq: 06 Jul 2023 13:07

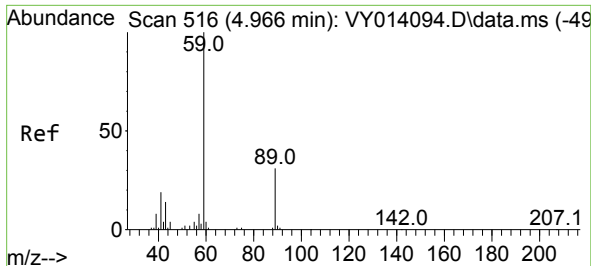
Tgt Ion: 85 Resp: 222

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.042 min

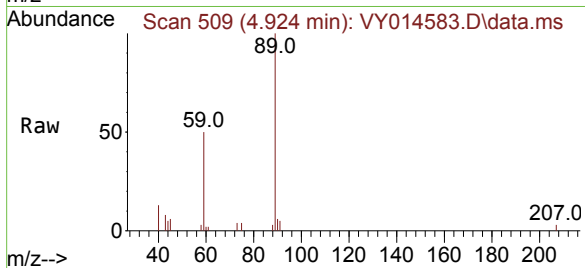
Lab File: VY014583.D

Acq: 06 Jul 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

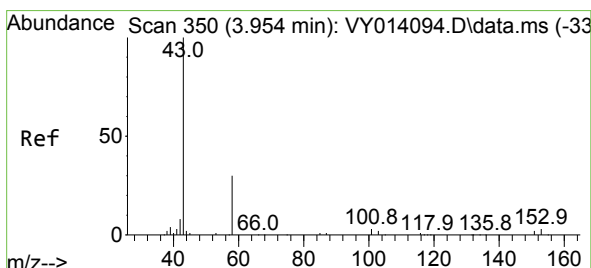
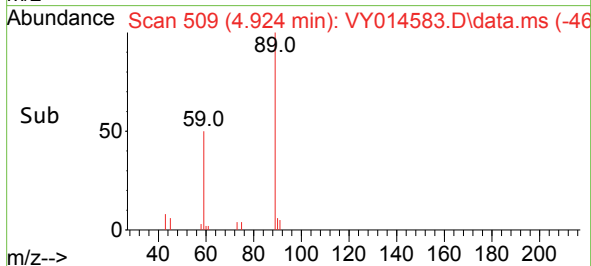
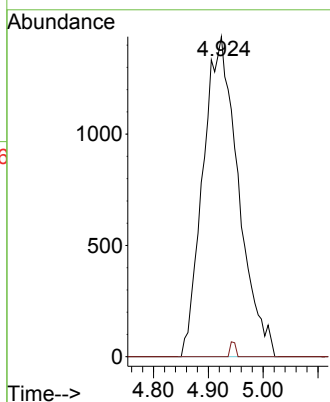


Tgt Ion: 59 Resp: 6442

Ion Ratio Lower Upper

59 100

57 0.7 3.0 4.4#



#16

Acetone

Concen: 6.316 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.018 min

Lab File: VY014583.D

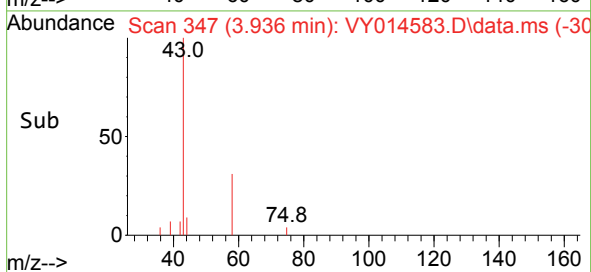
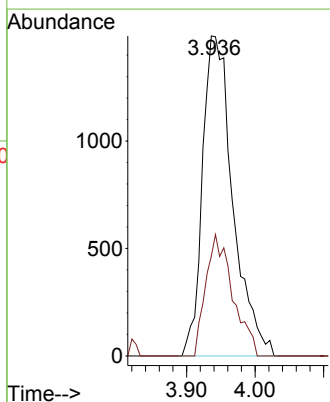
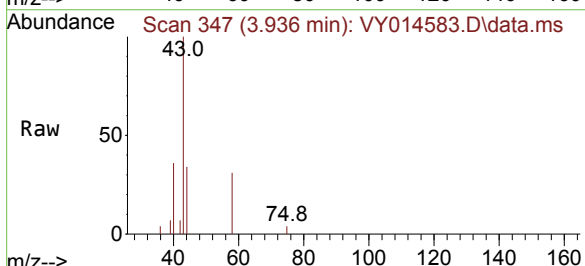
Acq: 06 Jul 2023 13:07

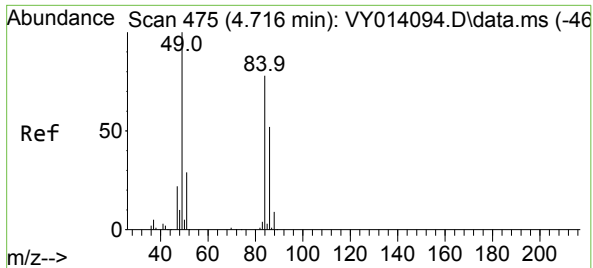
Tgt Ion: 43 Resp: 4589

Ion Ratio Lower Upper

43 100

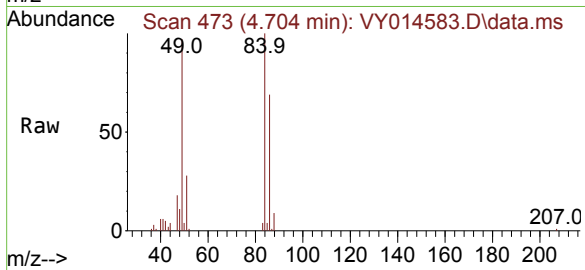
58 31.2 22.7 34.1



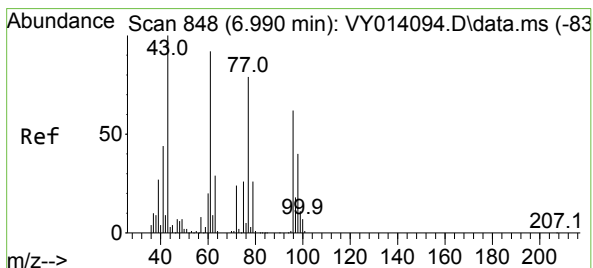
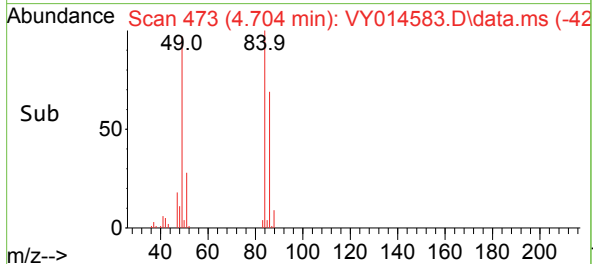
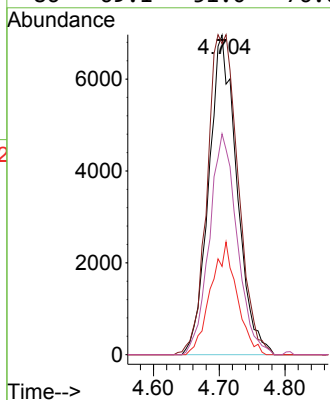


#20
Methylene Chloride
Concen: 3.020 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

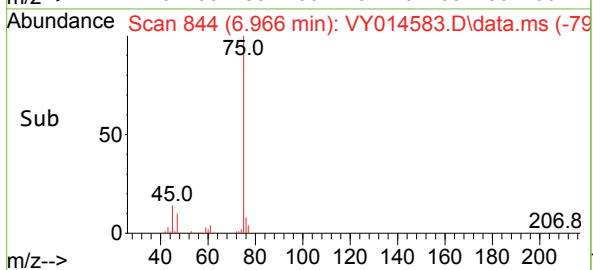
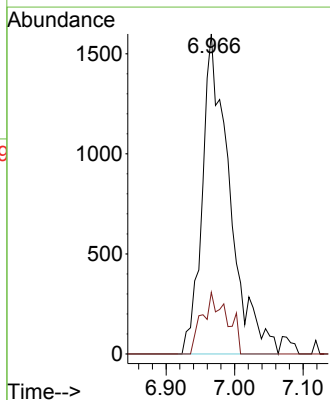
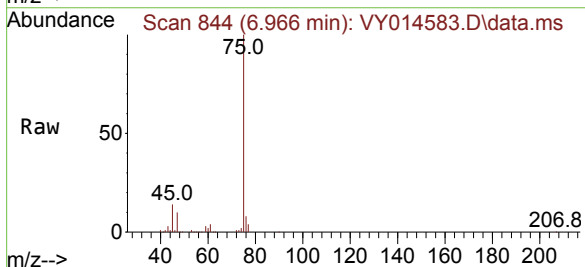


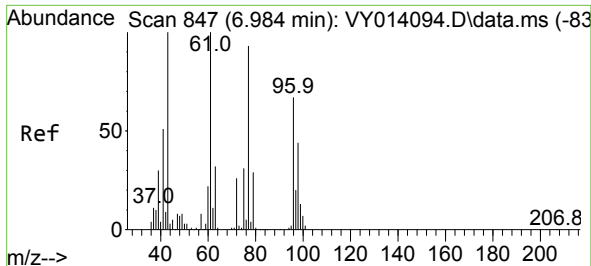
Tgt Ion: 84 Resp: 20688
Ion Ratio Lower Upper
84 100
49 97.4 106.9 160.3#
51 27.6 33.2 49.8#
86 69.1 51.0 76.6



#25
2-Butanone
Concen: 4.130 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.024 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

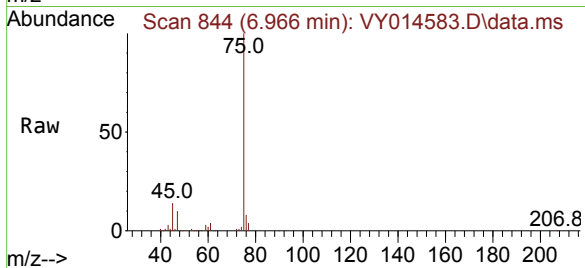
Tgt Ion: 43 Resp: 4443
Ion Ratio Lower Upper
43 100
72 19.3 20.5 30.7#



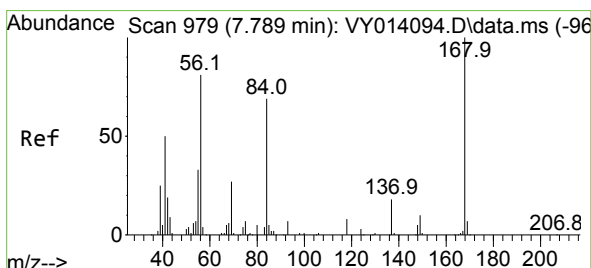
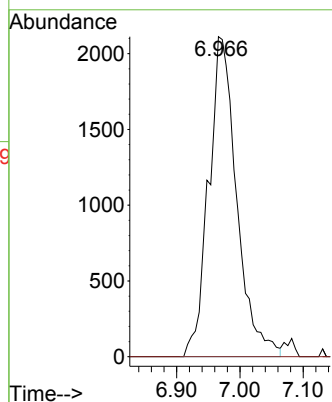
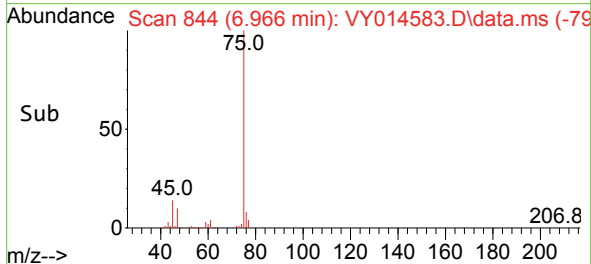


#26
2,2-Dichloropropane
Concen: 1.783 ug/l
RT: 6.966 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

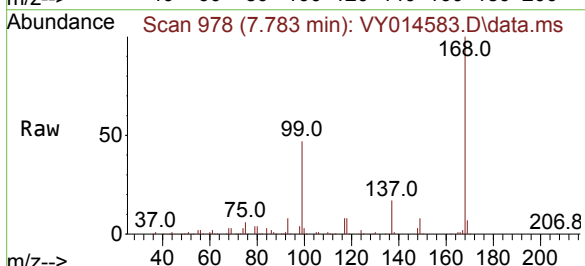
Instrument :
MSVOA_Y
ClientSampleId :



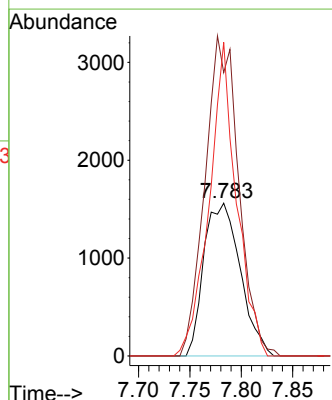
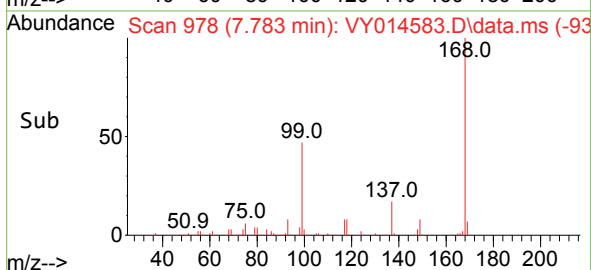
Tgt Ion: 77 Resp: 6501
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

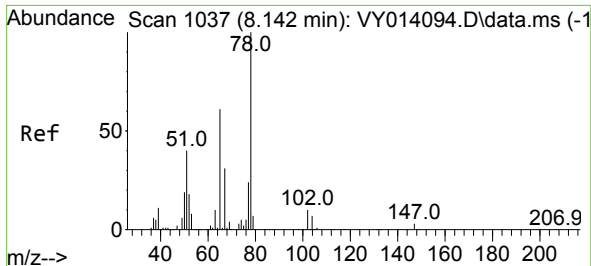


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07



Tgt Ion: 56 Resp: 3850
Ion Ratio Lower Upper
56 100
69 185.5 27.8 41.6#
84 205.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.101 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY014583.D

Acq: 06 Jul 2023 13:07

Instrument :

MSVOA_Y

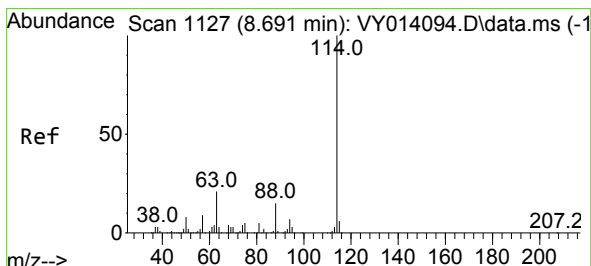
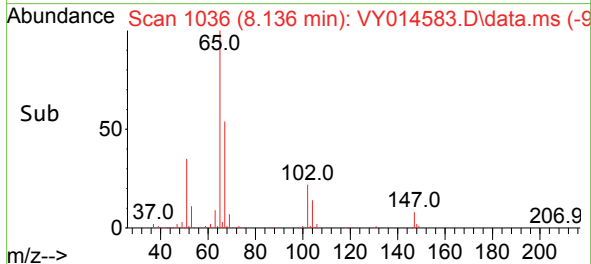
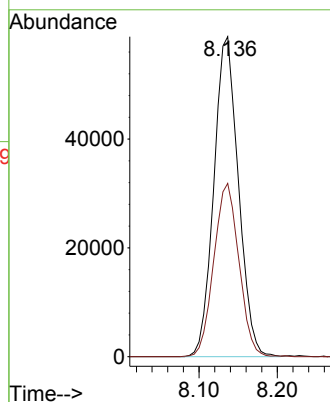
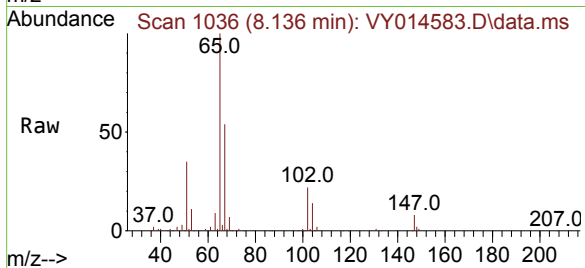
ClientSampleId :

Tgt Ion: 65 Resp: 128205

Ion Ratio Lower Upper

65 100

67 55.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014583.D

Acq: 06 Jul 2023 13:07

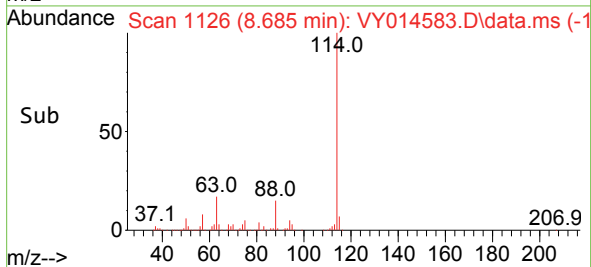
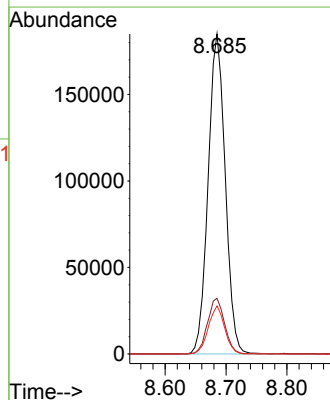
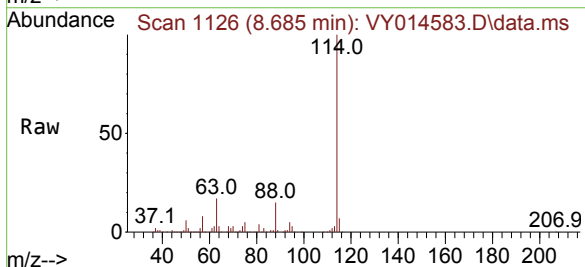
Tgt Ion: 114 Resp: 360603

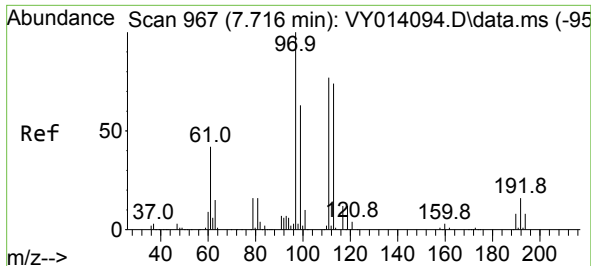
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

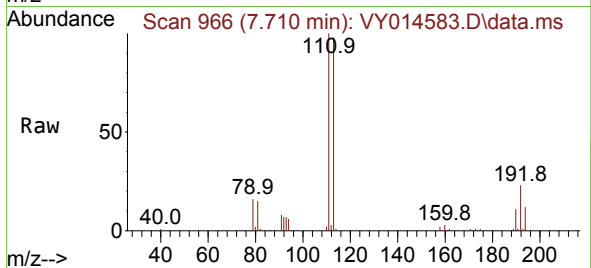
88 15.0 0.0 30.6



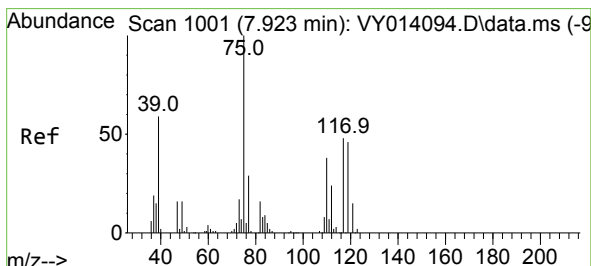
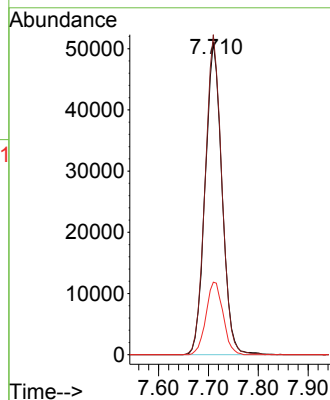
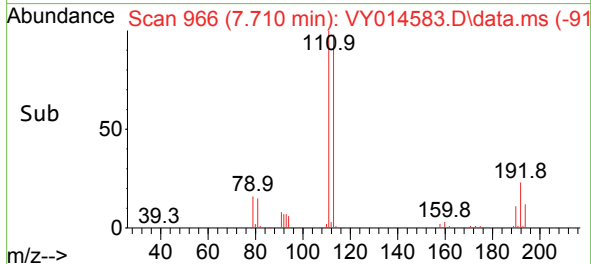


#35
Dibromofluoromethane
Concen: 53.588 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

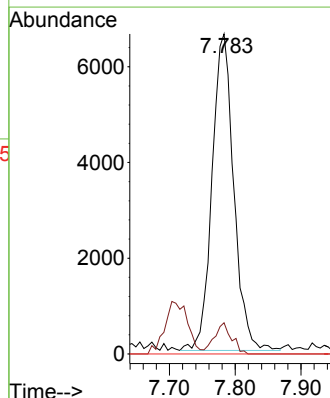
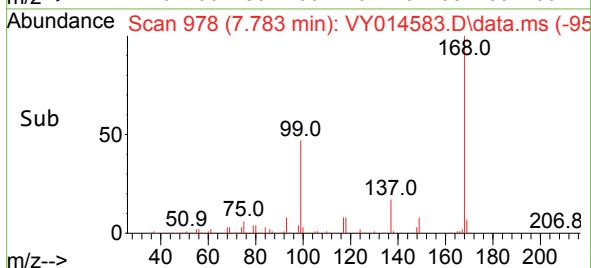
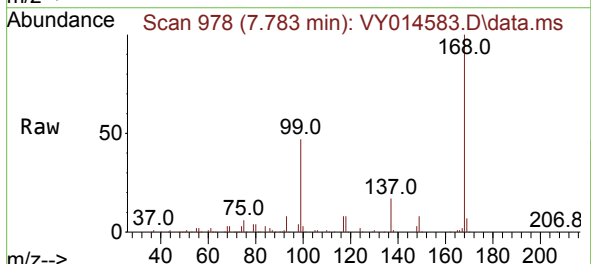


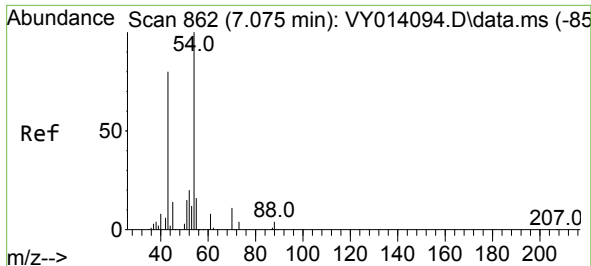
Tgt Ion:113 Resp: 118999
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 23.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.469 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

Tgt Ion: 75 Resp: 15198
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.905 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.109 min

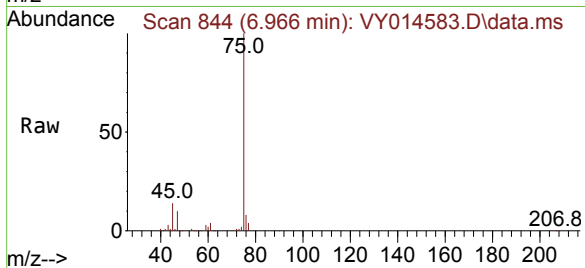
Lab File: VY014583.D

Acq: 06 Jul 2023 13:07

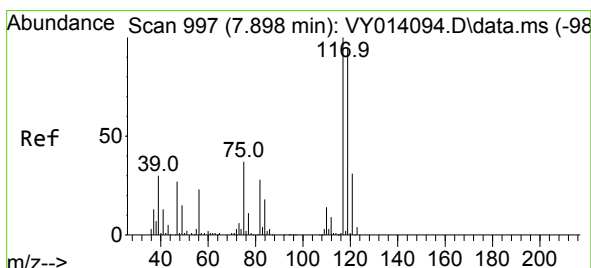
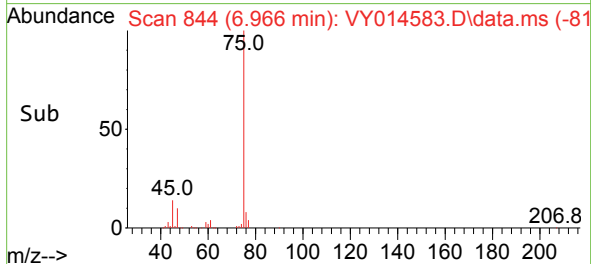
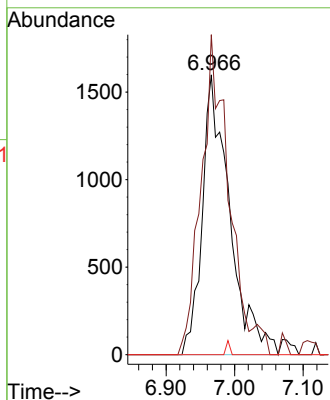
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	4443
Ion	Ratio	Lower	Upper
43	100		
61	112.6	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.511 ug/l

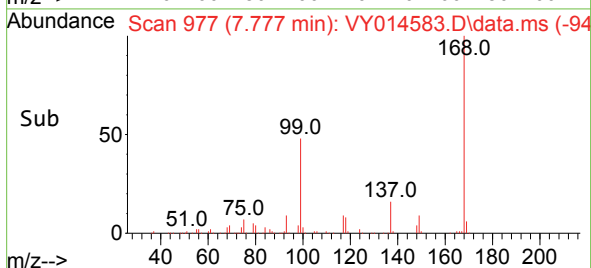
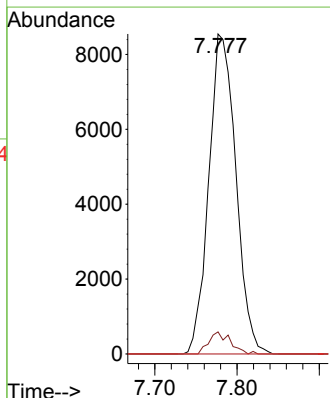
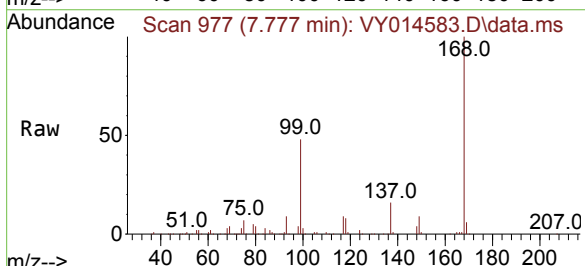
RT: 7.777 min Scan# 977

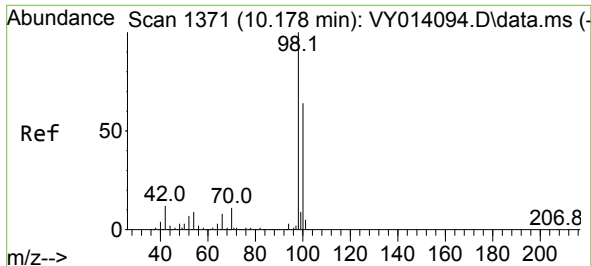
Delta R.T. -0.121 min

Lab File: VY014583.D

Acq: 06 Jul 2023 13:07

Tgt Ion:	117	Resp:	19564
Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.4	114.6#
121	0.0	25.8	38.6#

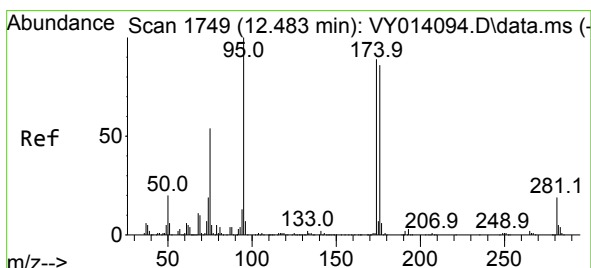
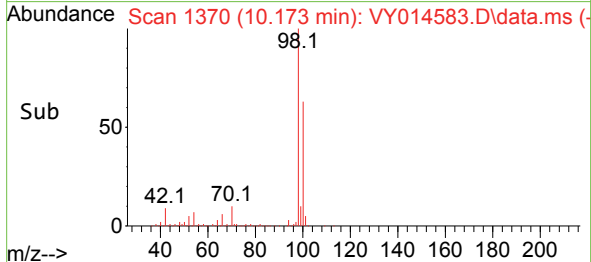
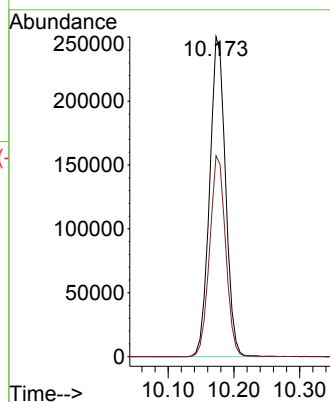
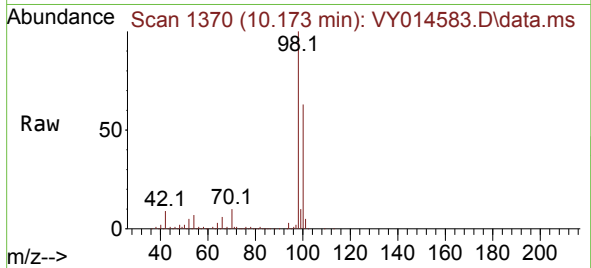




#50
Toluene-d8
Concen: 47.906 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

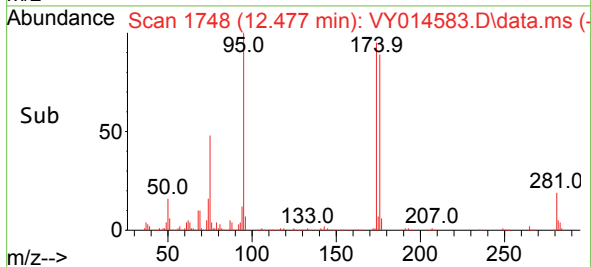
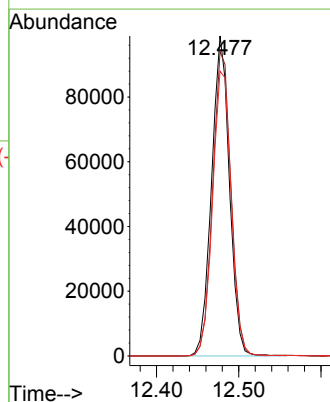
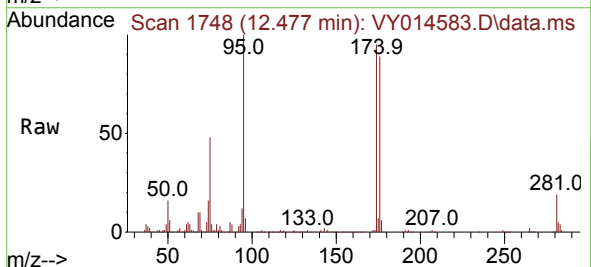
Instrument :
MSVOA_Y
ClientSampleId :

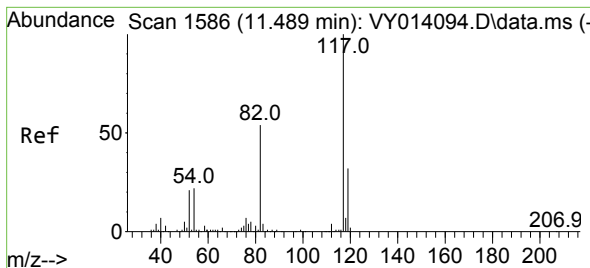
Tgt Ion: 98 Resp: 420536
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.087 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

Tgt Ion: 95 Resp: 149626
Ion Ratio Lower Upper
95 100
174 97.7 0.0 178.2
176 92.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

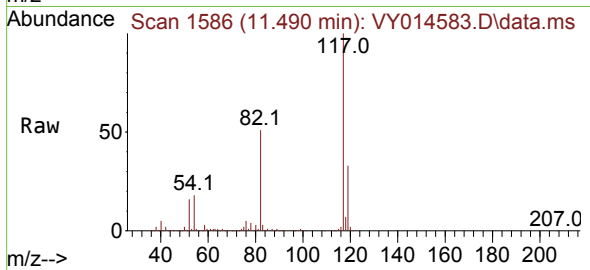
Lab File: VY014583.D

Acq: 06 Jul 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :



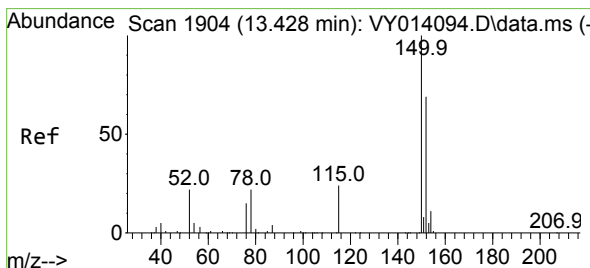
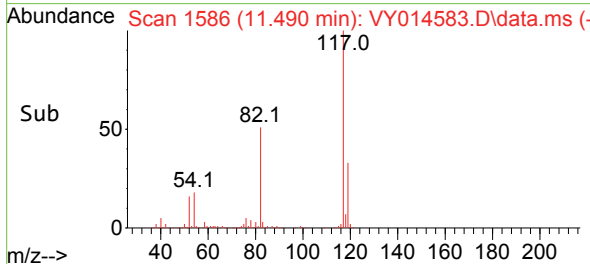
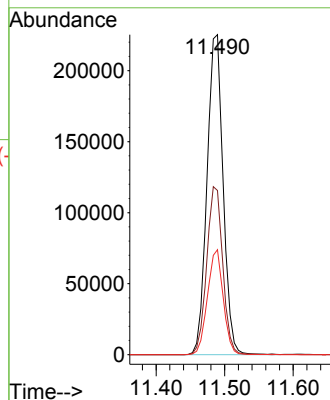
Tgt Ion:117 Resp: 368711

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 32.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014583.D

Acq: 06 Jul 2023 13:07

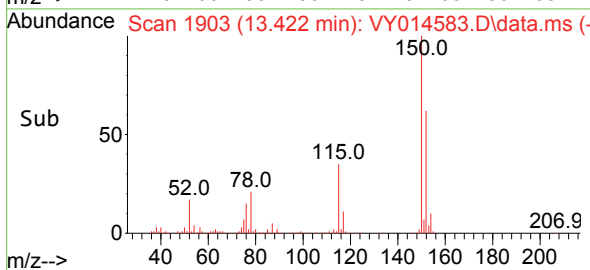
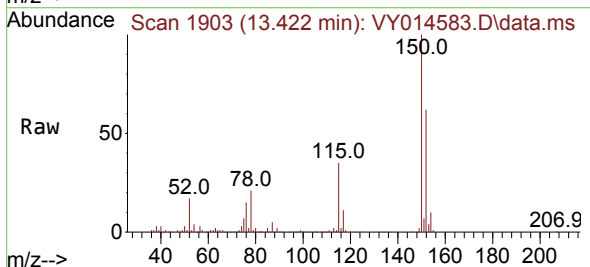
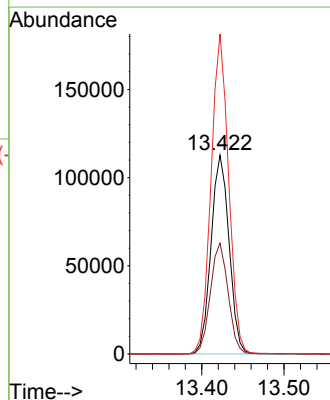
Tgt Ion:152 Resp: 171728

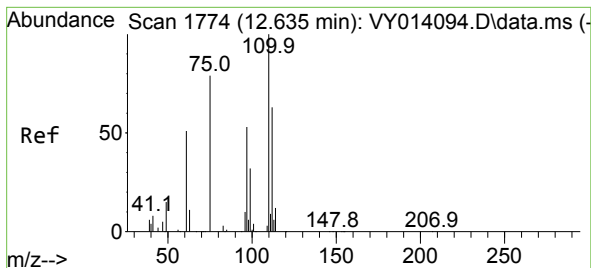
Ion Ratio Lower Upper

152 100

115 55.0 28.8 86.5

150 157.0 0.0 348.8

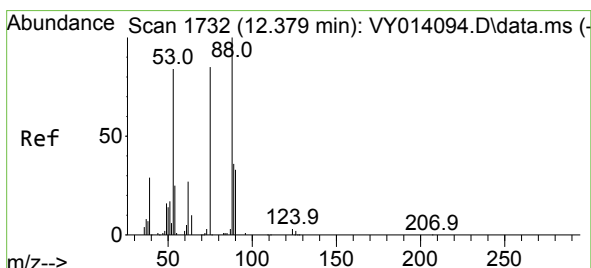
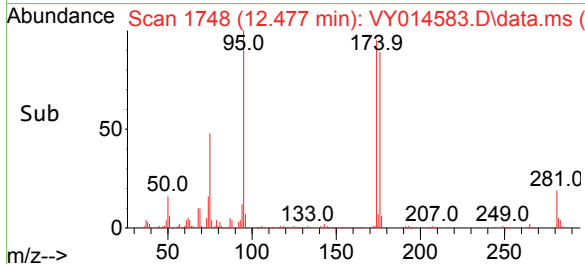
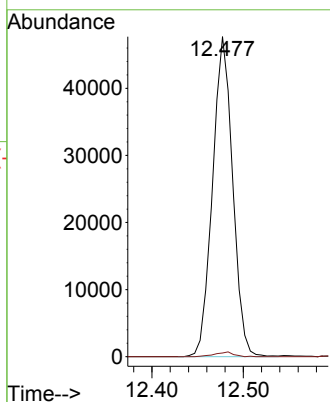
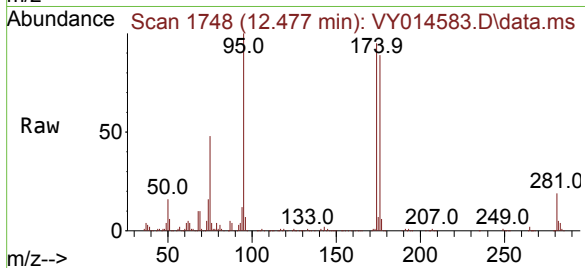




#76
1,2,3-Trichloropropane
Concen: 36.258 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 73066
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.573 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014583.D
Acq: 06 Jul 2023 13:07

Tgt Ion: 75 Resp: 73066
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

