

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015224.D
 Acq On : 21 Aug 2023 17:44
 Operator : SY/MD
 Sample : 04086-14
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:56:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

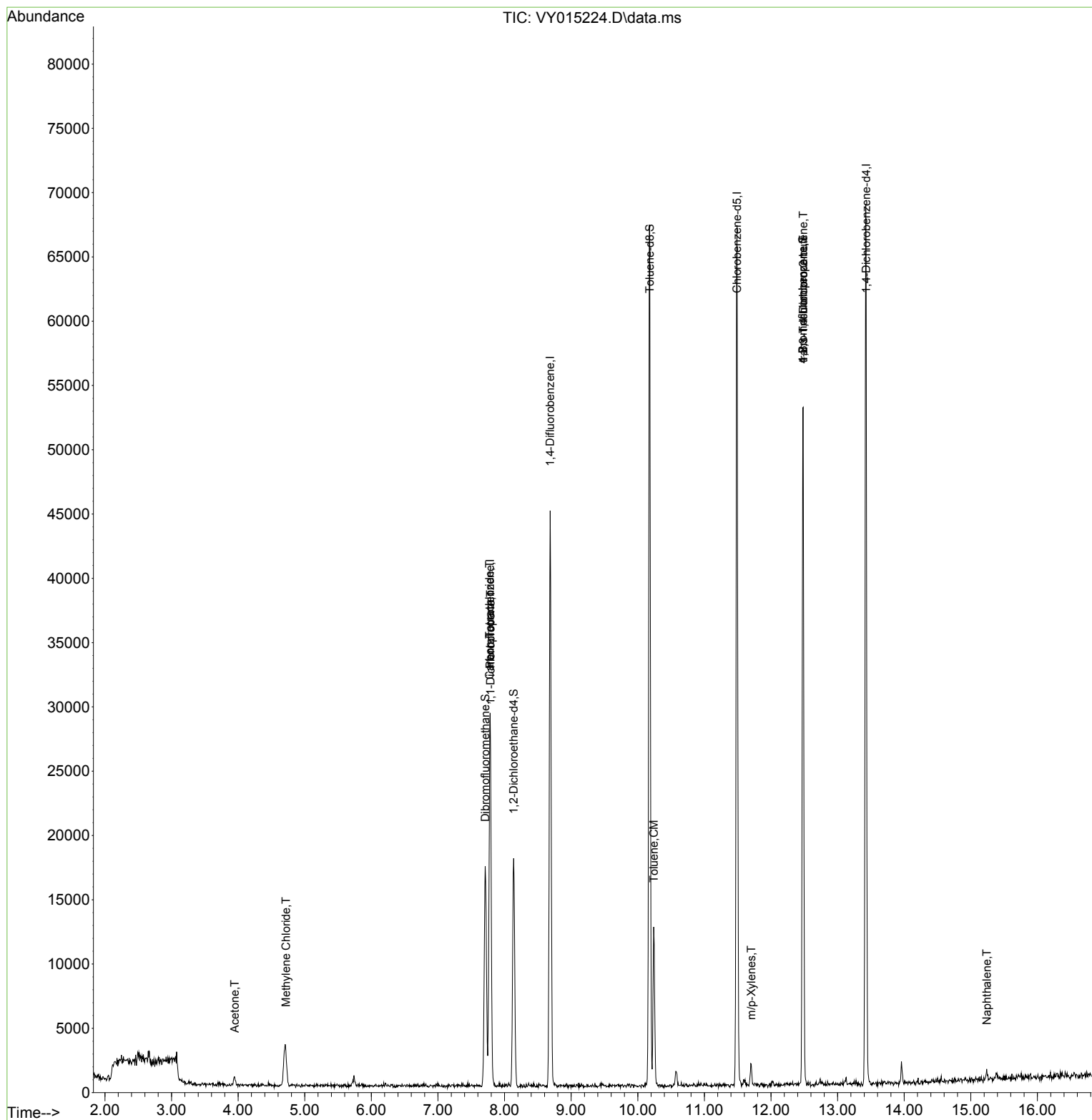
Internal Standards						
1) Pentafluorobenzene	7.783	168	22585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	38178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13559	50.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.020%	
35) Dibromofluoromethane	7.710	113	12404	50.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.179	98	45094	49.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	12.477	95	16193	48.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	146	Below Cal	#	43
16) Acetone	3.948	43	876	9.891	ug/l #	86
20) Methylene Chloride	4.716	84	2452	7.910	ug/l #	76
31) Cyclohexane	7.777	56	584	Below Cal	#	42
36) 1,1-Dichloropropene	7.789	75	1731	6.370	ug/l #	48
38) Carbon Tetrachloride	7.777	117	2191	6.813	ug/l #	12
52) Toluene	10.240	92	5437	10.041	ug/l	89
68) m/p-Xylenes	11.703	106	662	1.473	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	8824	40.006	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8824	87.871	ug/l #	10
95) Naphthalene	15.239	128	851	1.009	ug/l #	82

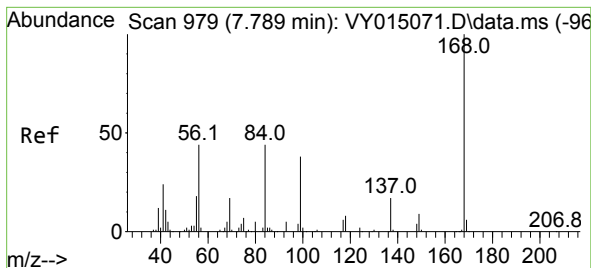
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015224.D
Acq On : 21 Aug 2023 17:44
Operator : SY/MD
Sample : 04086-14
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 22 01:56:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015224.D

Acq: 21 Aug 2023 17:44

Instrument :

MSVOA_Y

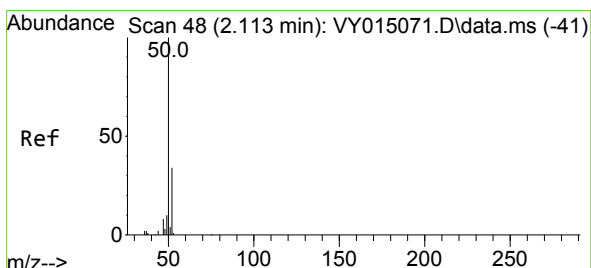
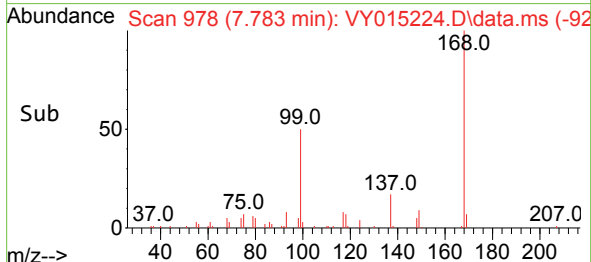
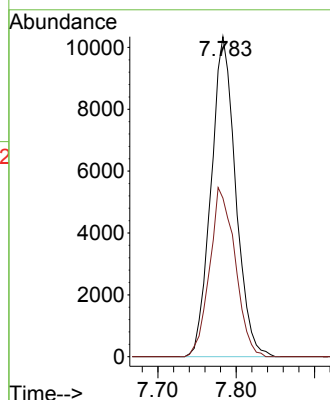
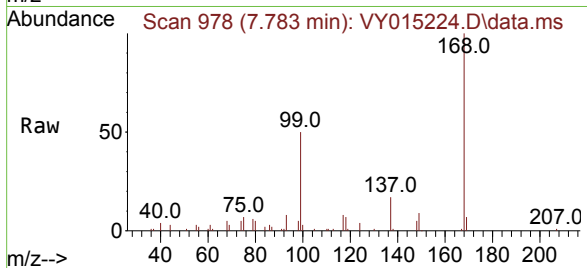
ClientSampleId :

Tgt Ion:168 Resp: 22585

Ion Ratio Lower Upper

168 100

99 49.6 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.107 min Scan# 47

Delta R.T. 0.000 min

Lab File: VY015224.D

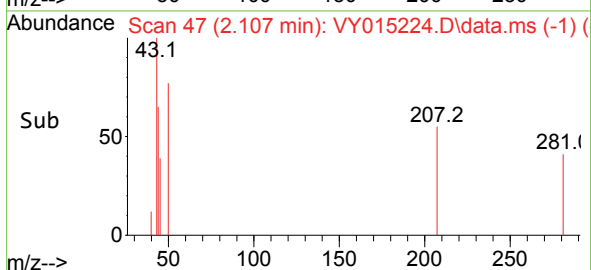
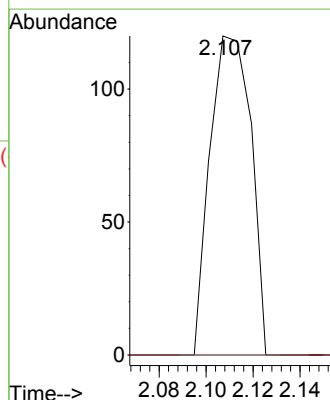
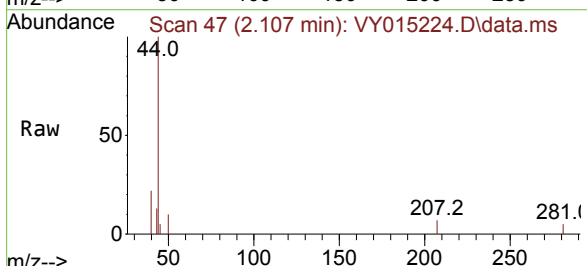
Acq: 21 Aug 2023 17:44

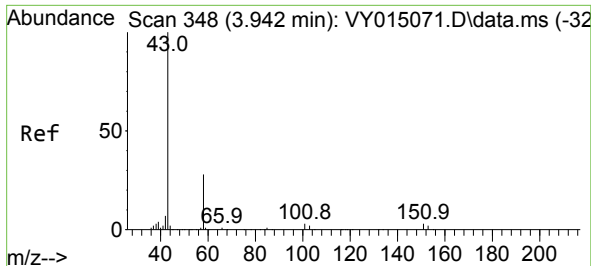
Tgt Ion: 50 Resp: 146

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#





#16

Acetone

Concen: 9.891 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY015224.D

Acq: 21 Aug 2023 17:44

Instrument :

MSVOA_Y

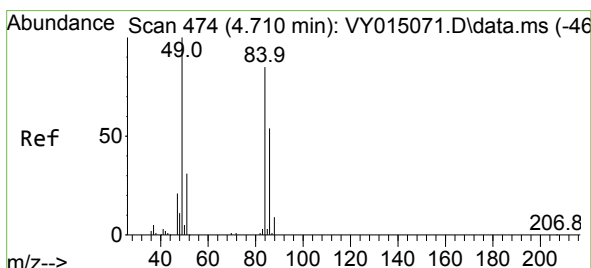
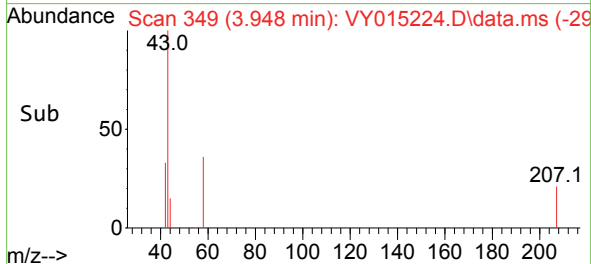
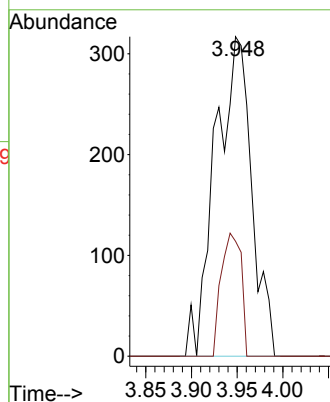
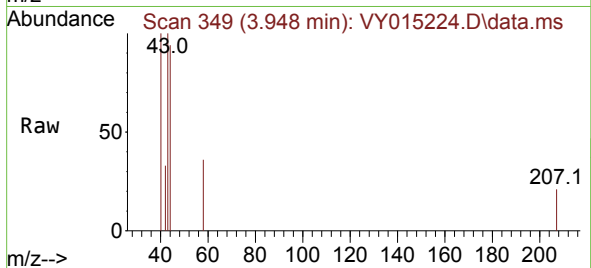
ClientSampleId :

Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

58 36.0 22.7 34.1#



#20

Methylene Chloride

Concen: 7.910 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY015224.D

Acq: 21 Aug 2023 17:44

Tgt Ion: 84 Resp: 2452

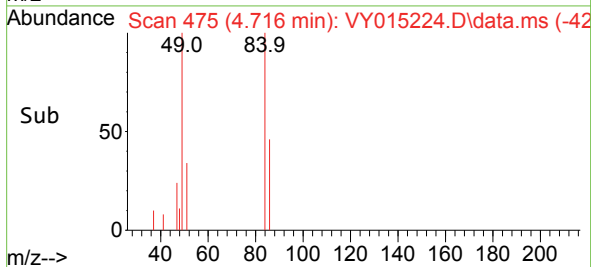
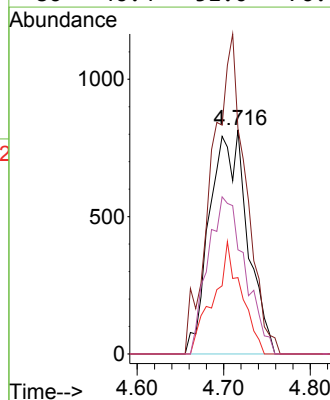
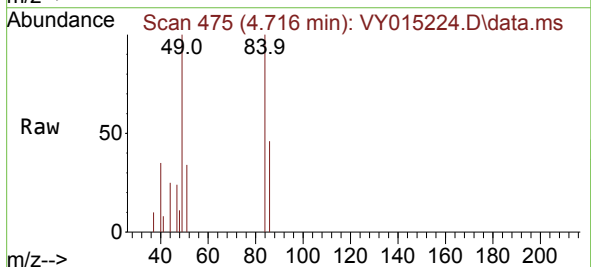
Ion Ratio Lower Upper

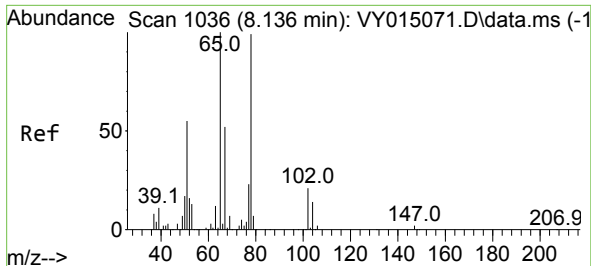
84 100

49 100.5 106.9 160.3#

51 34.1 33.2 49.8

86 46.4 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 50.013 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

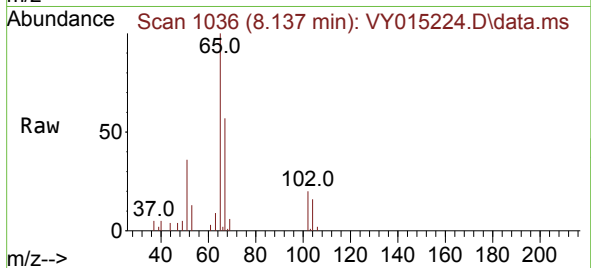
Lab File: VY015224.D

Acq: 21 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

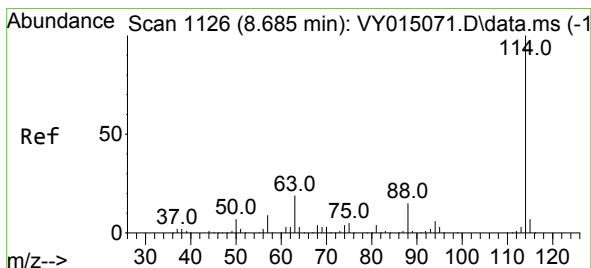
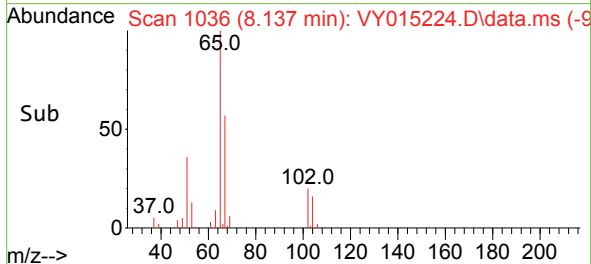
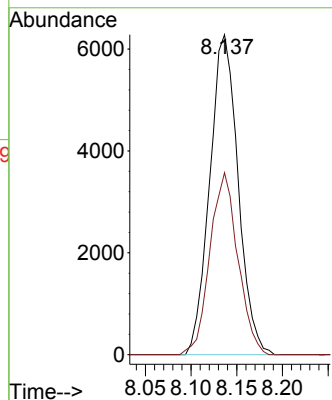


Tgt Ion: 65 Resp: 13559

Ion Ratio Lower Upper

65 100

67 56.1 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: VY015224.D

Acq: 21 Aug 2023 17:44

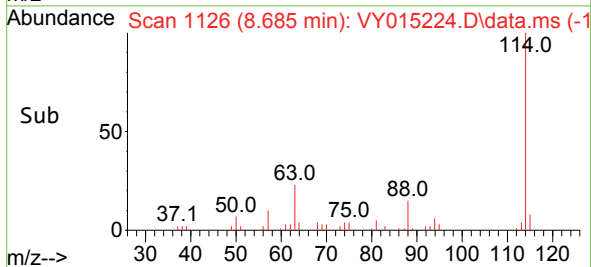
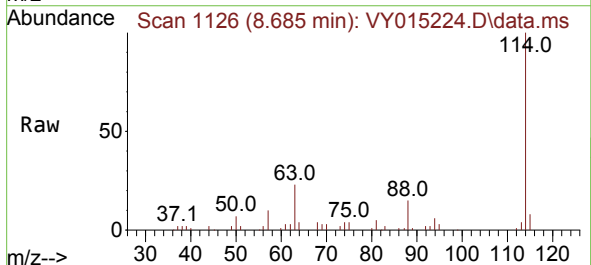
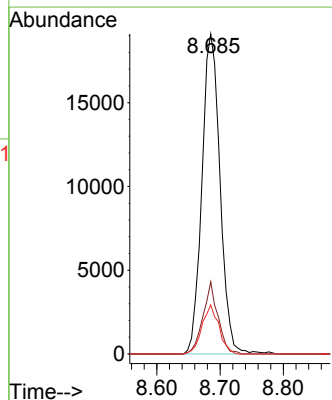
Tgt Ion:114 Resp: 38178

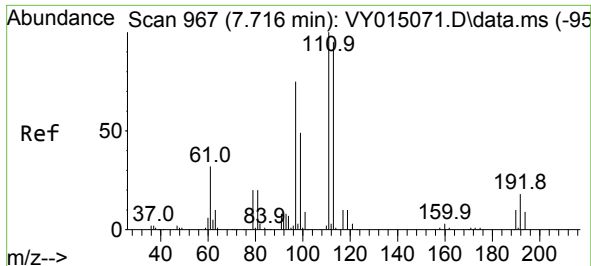
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.4

88 15.3 0.0 30.6

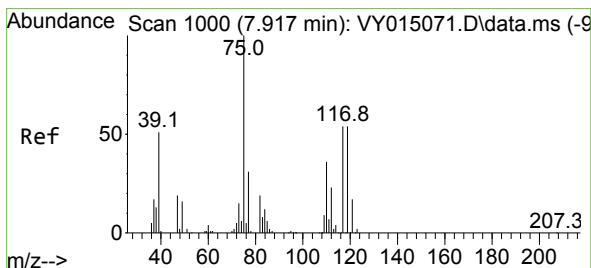
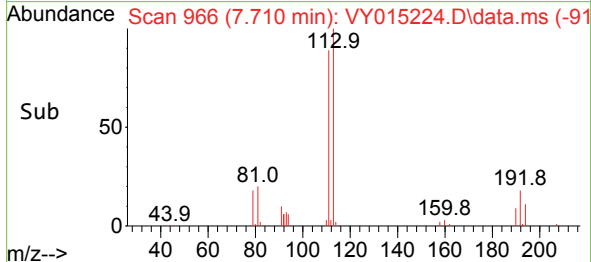
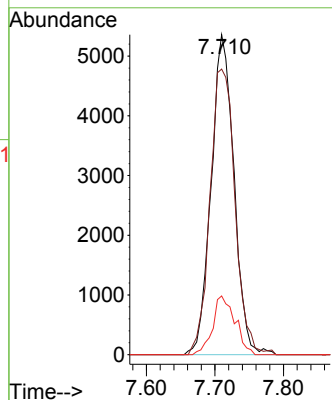
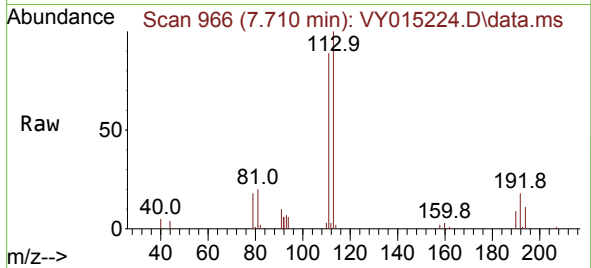




#35
Dibromofluoromethane
Concen: 50.502 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

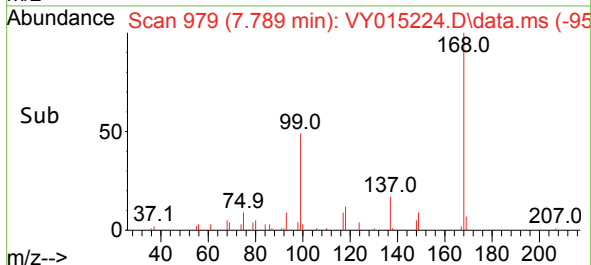
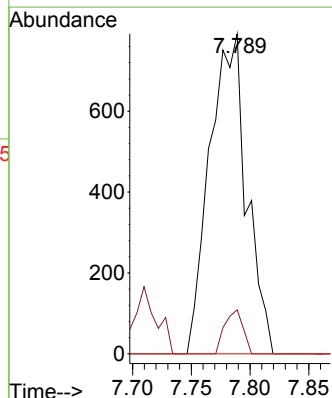
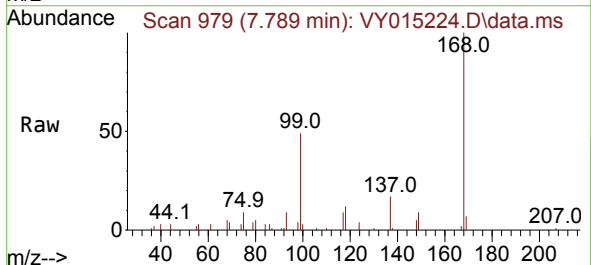
Instrument :
MSVOA_Y
ClientSampleId :

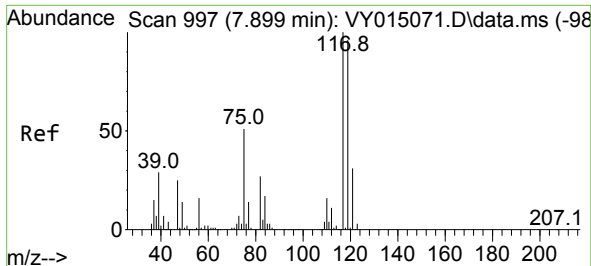
Tgt Ion:113 Resp: 12404
Ion Ratio Lower Upper
113 100
111 97.6 81.3 121.9
192 18.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.370 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

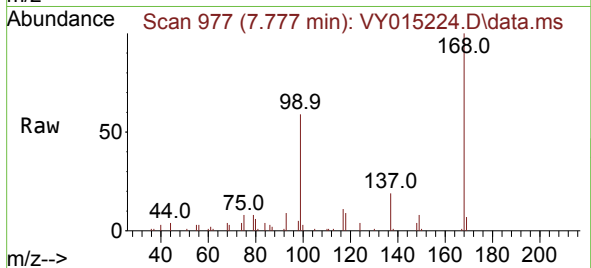
Tgt Ion: 75 Resp: 1731
Ion Ratio Lower Upper
75 100
110 6.8 17.8 53.5#
77 0.0 24.4 36.6#



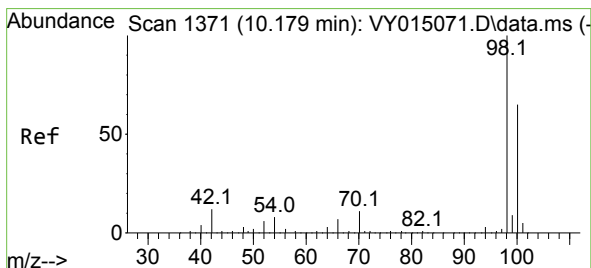
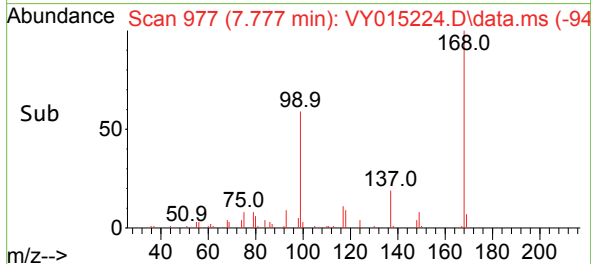
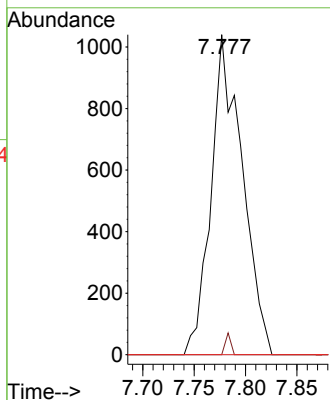


#38
Carbon Tetrachloride
Concen: 6.813 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

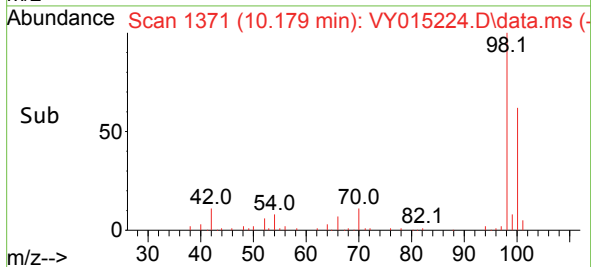
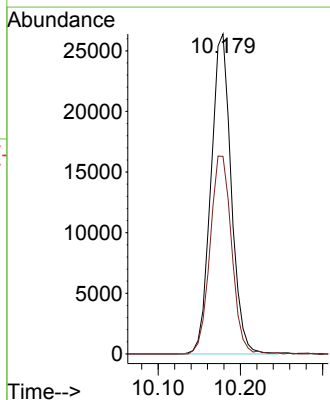
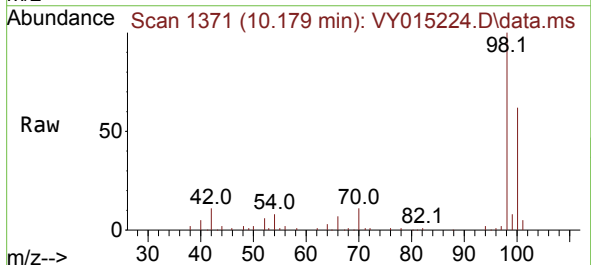


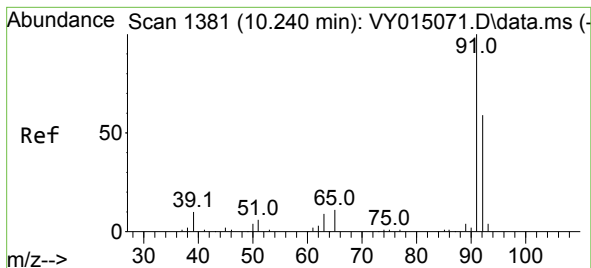
Tgt Ion:117 Resp: 2191
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.320 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

Tgt Ion: 98 Resp: 45094
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1





#52

Toluene

Concen: 10.041 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015224.D

Acq: 21 Aug 2023 17:44

Instrument :

MSVOA_Y

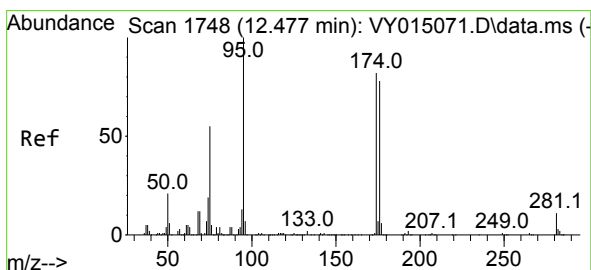
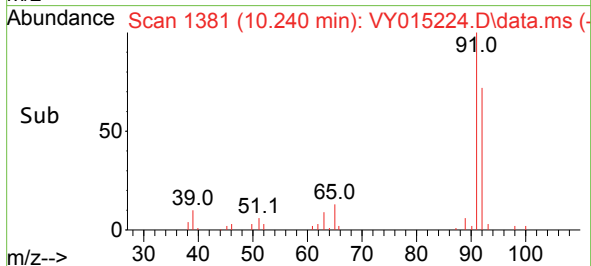
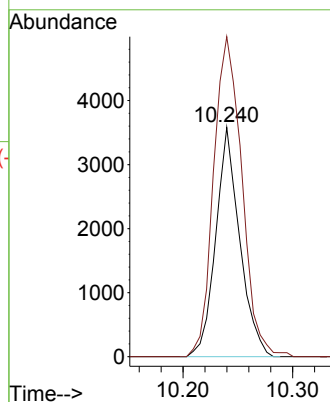
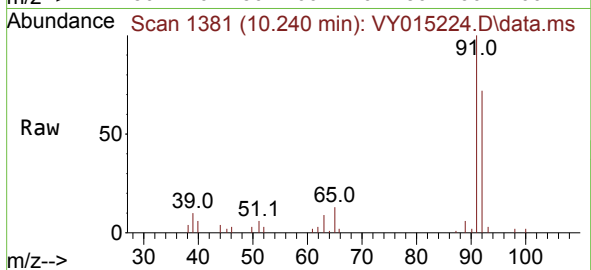
ClientSampleId :

Tgt Ion: 92 Resp: 5437

Ion Ratio Lower Upper

92 100

91 164.4 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 48.489 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015224.D

Acq: 21 Aug 2023 17:44

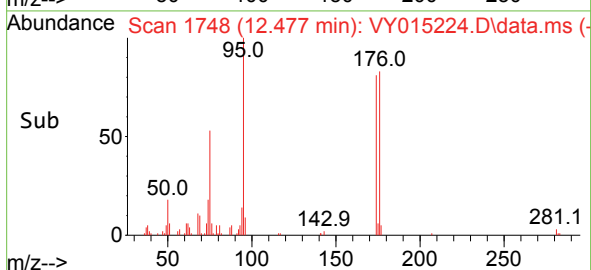
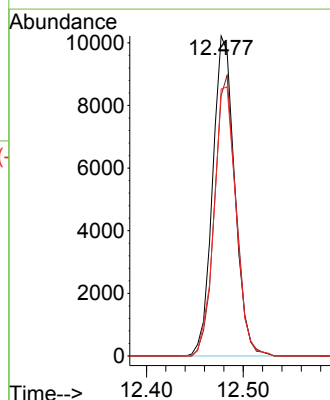
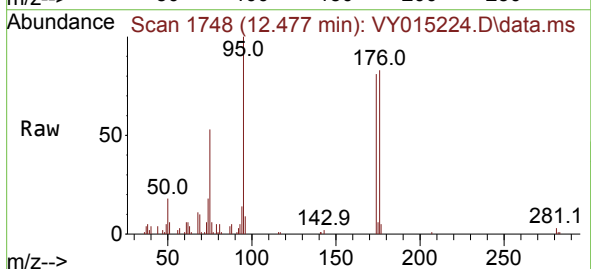
Tgt Ion: 95 Resp: 16193

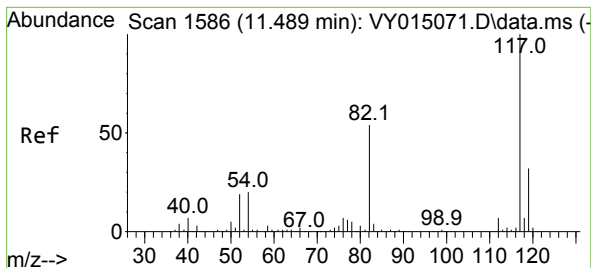
Ion Ratio Lower Upper

95 100

174 84.9 0.0 178.2

176 84.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY015224.D

Acq: 21 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

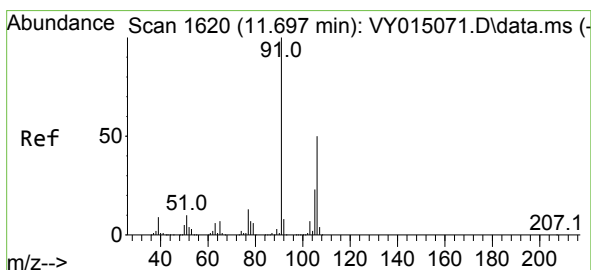
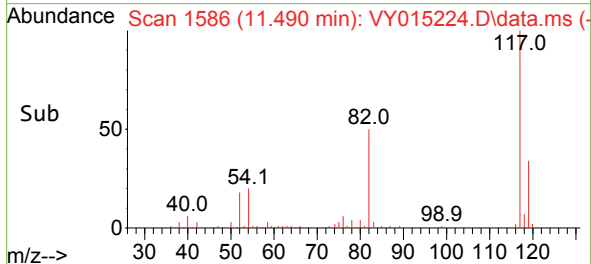
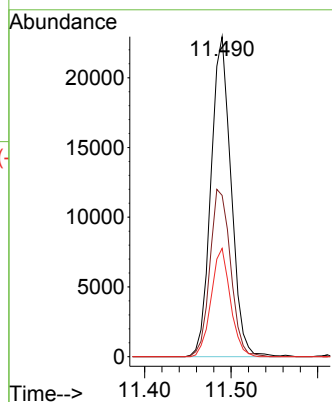
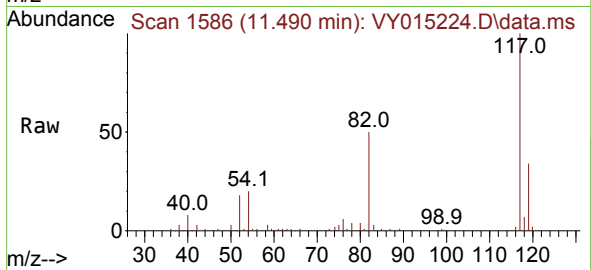
Tgt Ion:117 Resp: 37073

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 33.8 26.3 39.5



#68

m/p-Xylenes

Concen: 1.473 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015224.D

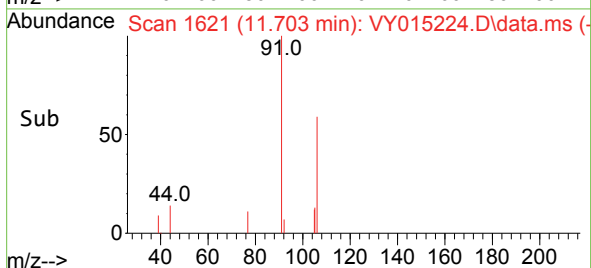
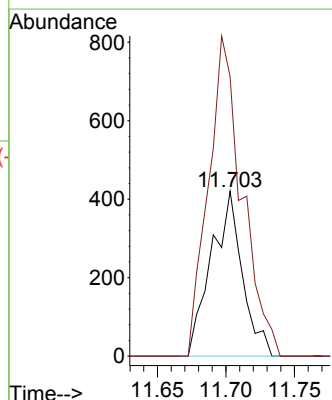
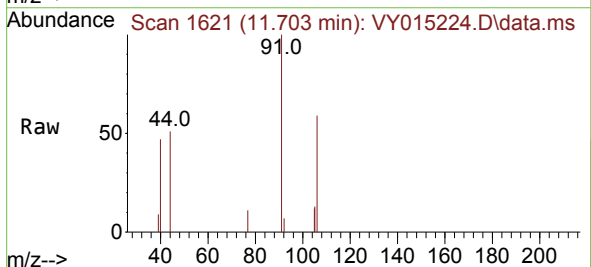
Acq: 21 Aug 2023 17:44

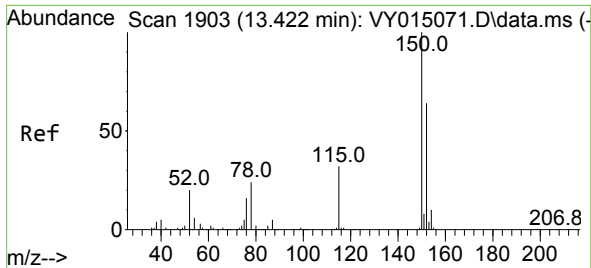
Tgt Ion:106 Resp: 662

Ion Ratio Lower Upper

106 100

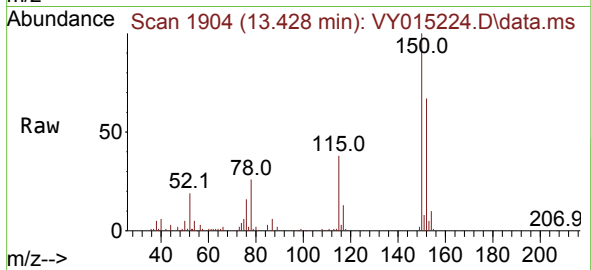
91 210.6 166.1 249.1



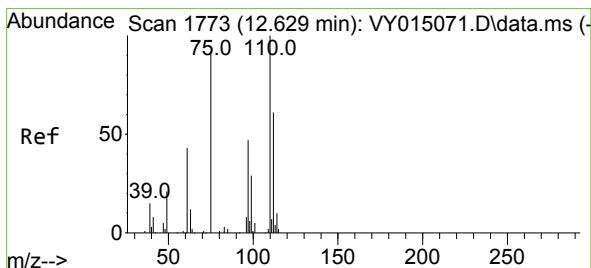
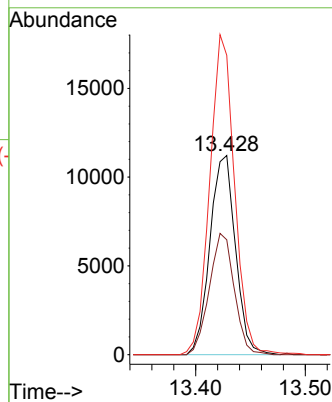
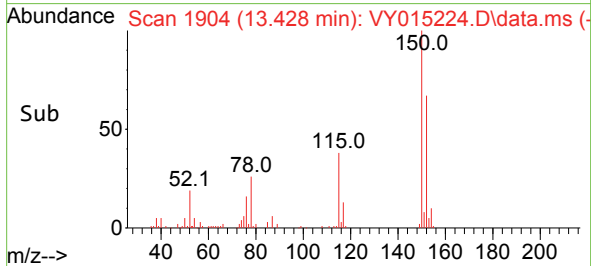


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.006 min
 Lab File: VY015224.D
 Acq: 21 Aug 2023 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :

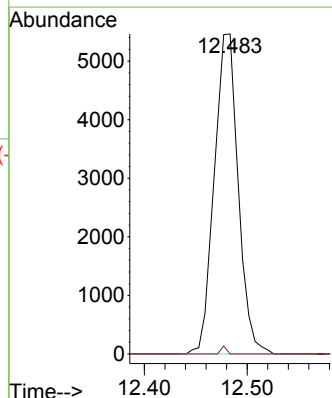
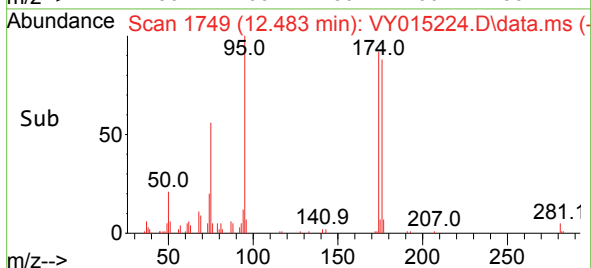
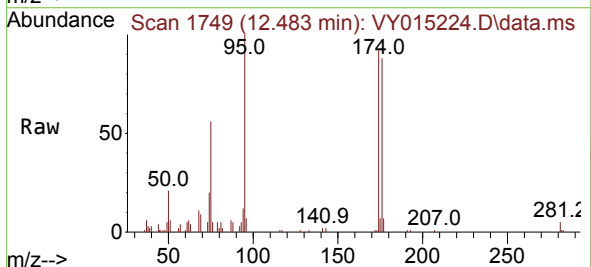


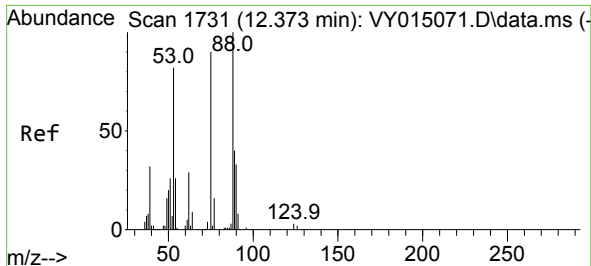
Tgt Ion:152 Resp: 18155
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.8 86.5
 150 155.8 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 40.006 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015224.D
 Acq: 21 Aug 2023 17:44

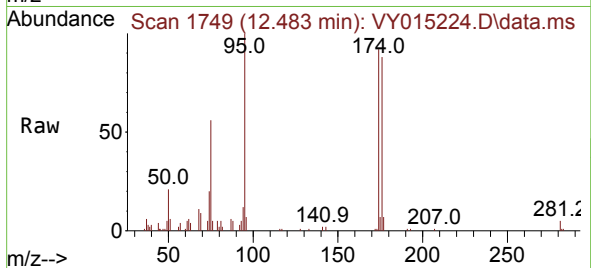
Tgt Ion: 75 Resp: 8824
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#



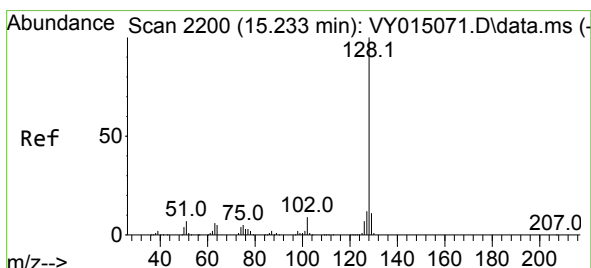
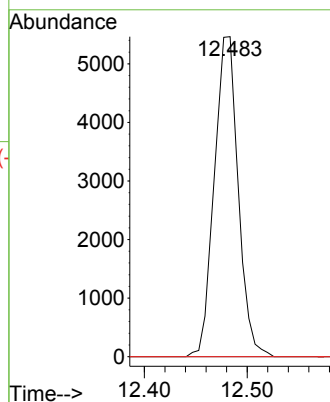
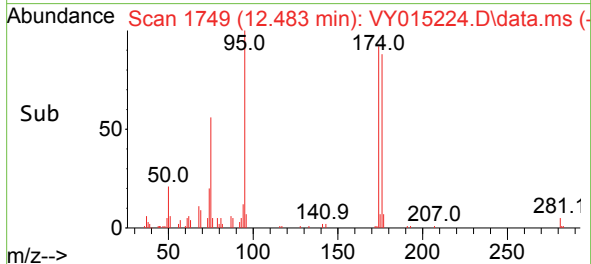


#81
trans-1,4-Dichloro-2-butene
Concen: 87.871 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44

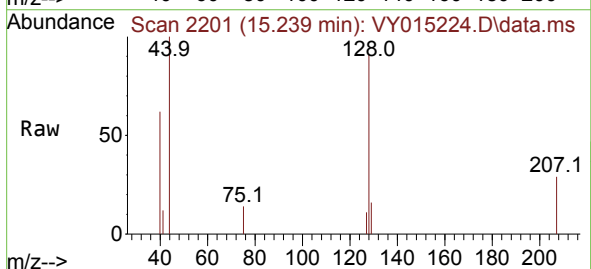
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 8824
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.009 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015224.D
Acq: 21 Aug 2023 17:44



Tgt Ion: 128 Resp: 851
Ion Ratio Lower Upper
128 100
127 6.2 10.8 16.2#
129 3.9 8.6 13.0#

