

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014614.D
 Acq On : 10 Jul 2023 13:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 03:18:22 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)

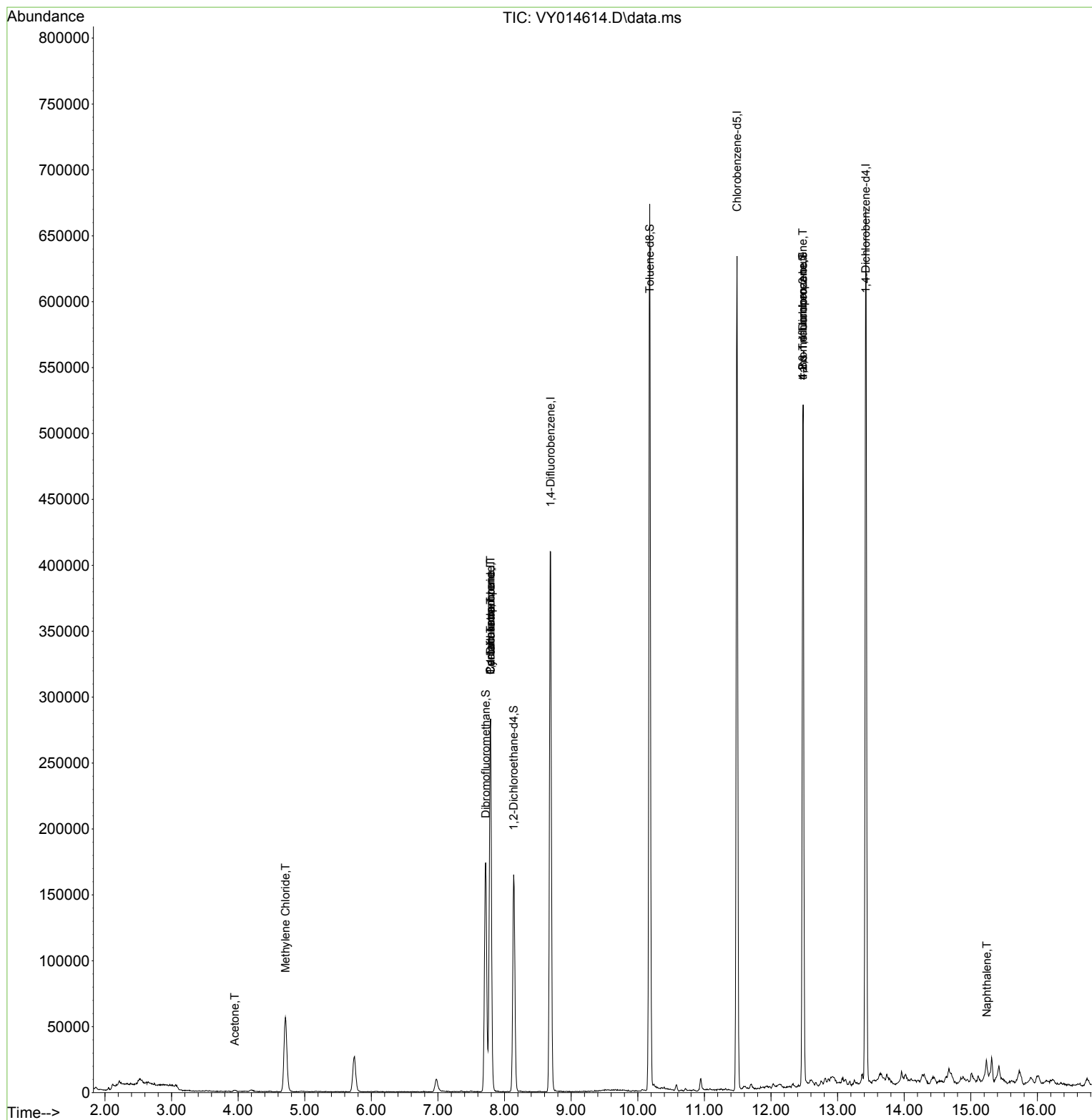
Internal Standards						
1) Pentafluorobenzene	7.789	168	243229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	377537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	132246	54.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.716	113	125261	53.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.760%	
50) Toluene-d8	10.179	98	460607	50.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.477	95	157854	49.463	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	113	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	560	Below Cal	#	89
13) Acrolein	3.723	56	124	Below Cal	#	35
16) Acetone	3.948	43	1356	1.795	ug/l #	86
20) Methylene Chloride	4.710	84	47107	13.485	ug/l #	79
31) Cyclohexane	7.789	56	4115	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15865	4.456	ug/l #	49
38) Carbon Tetrachloride	7.789	117	20166	5.426	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75539	34.688	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75539	67.518	ug/l #	11
95) Naphthalene	15.239	128	11426	1.414	ug/l #	94

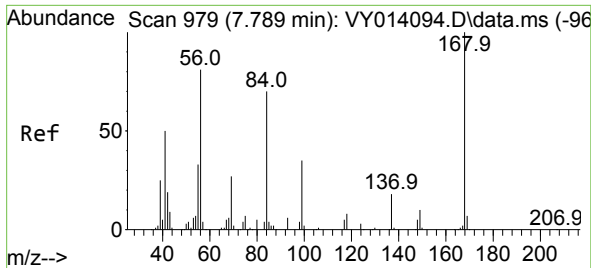
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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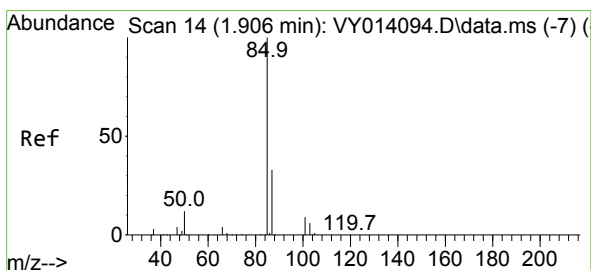
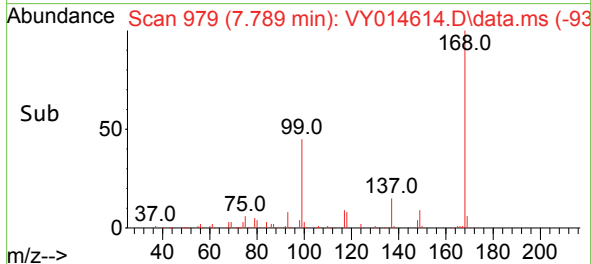
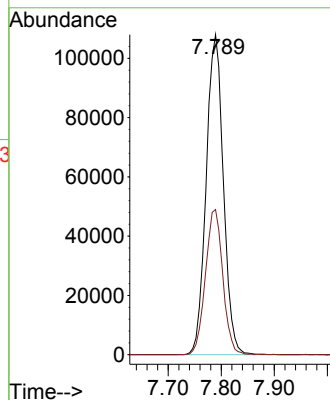
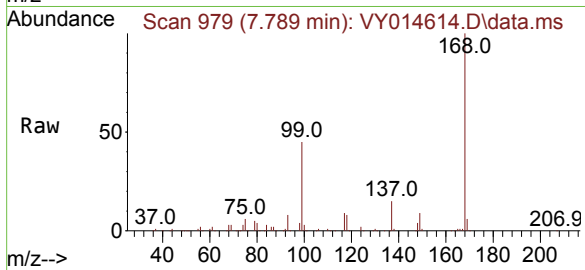




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

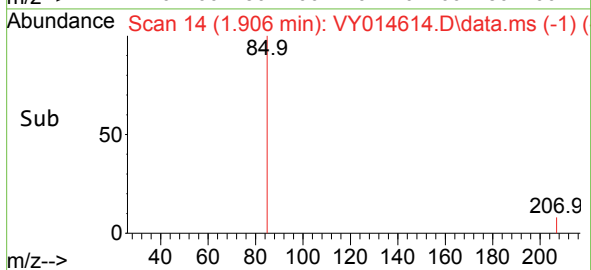
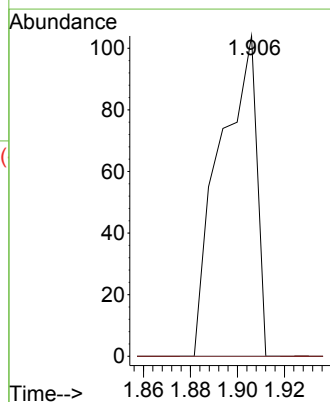
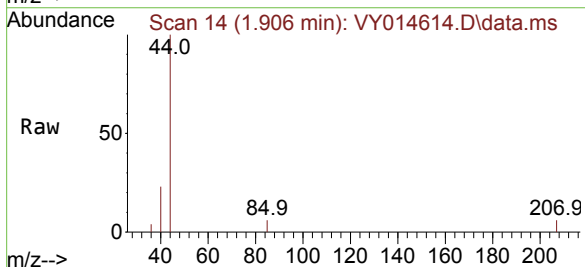
Instrument :
MSVOA_Y
ClientSampleId :

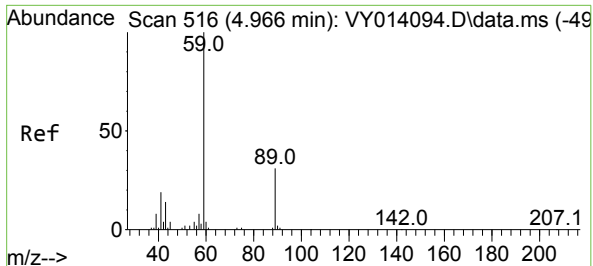
Tgt Ion:168 Resp: 243229
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

Tgt Ion: 85 Resp: 113
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 516

Delta R.T. -0.018 min

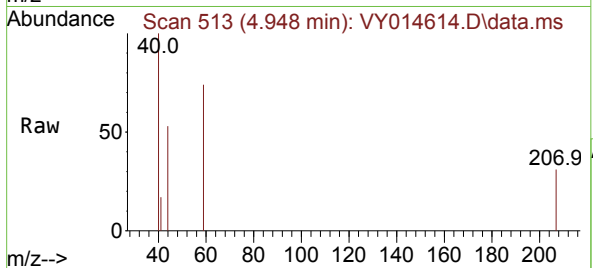
Lab File: VY014614.D

Acq: 10 Jul 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

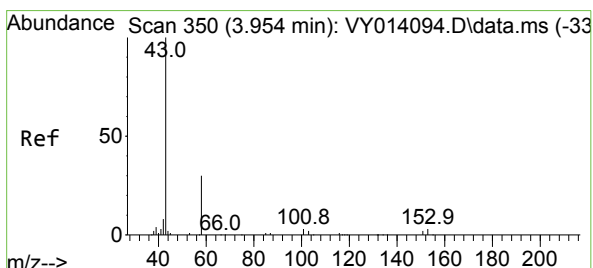
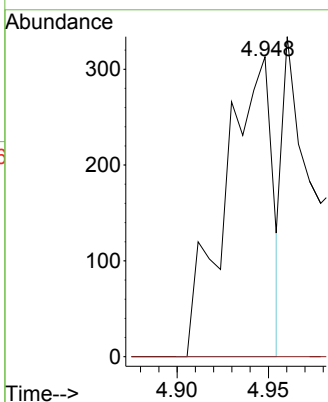
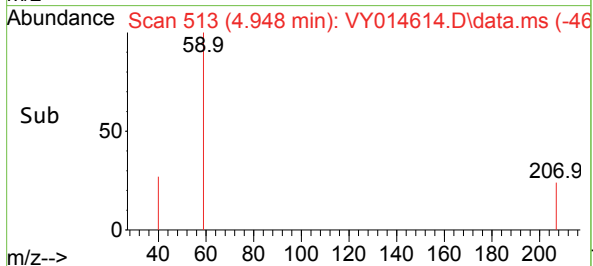


Tgt Ion: 59 Resp: 560

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 1.795 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014614.D

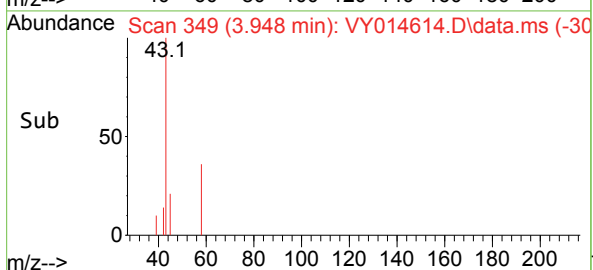
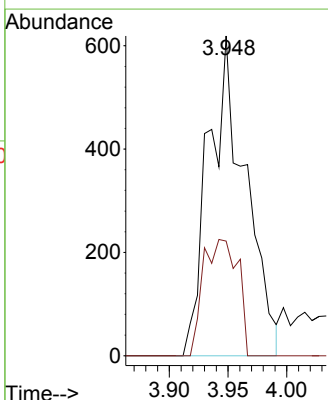
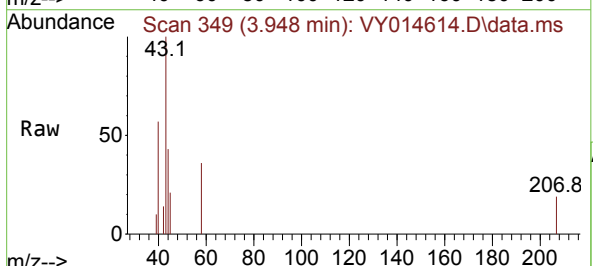
Acq: 10 Jul 2023 13:42

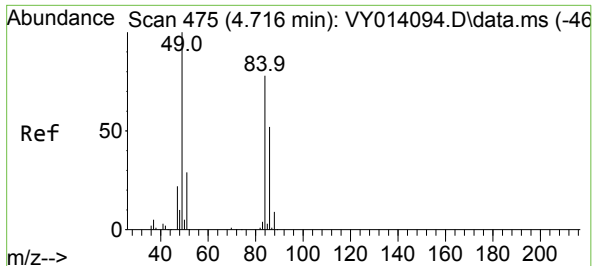
Tgt Ion: 43 Resp: 1356

Ion Ratio Lower Upper

43 100

58 35.9 22.7 34.1#





#20

Methylene Chloride

Concen: 13.485 ug/l

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

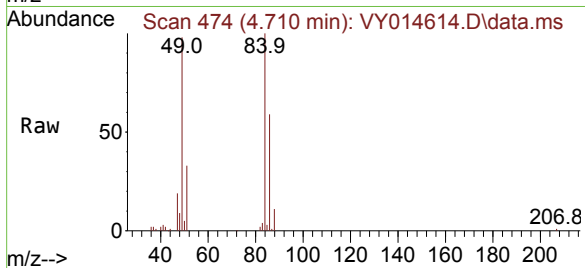
Lab File: VY014614.D

Acq: 10 Jul 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 47107

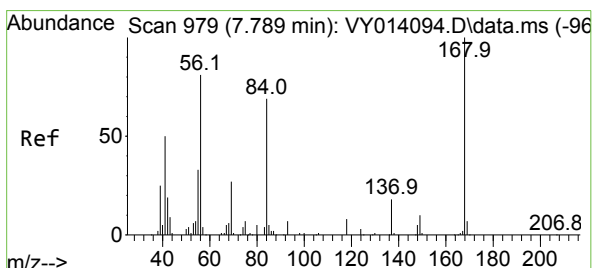
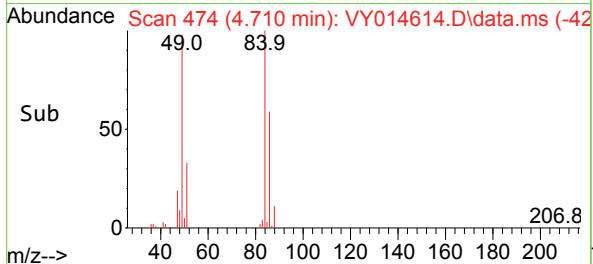
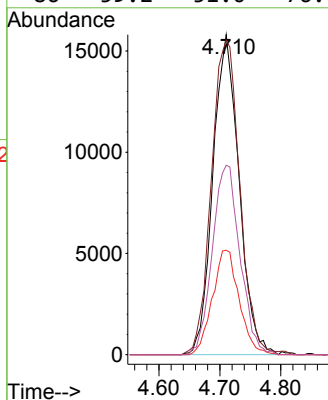
Ion Ratio Lower Upper

84 100

49 98.3 106.9 160.3#

51 32.7 33.2 49.8#

86 59.2 51.0 76.6



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY014614.D

Acq: 10 Jul 2023 13:42

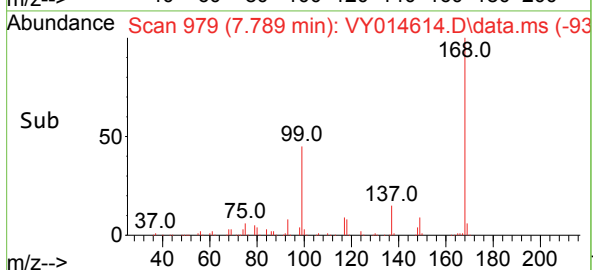
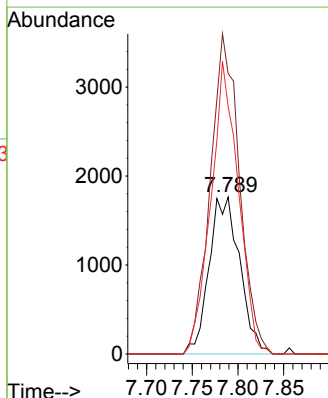
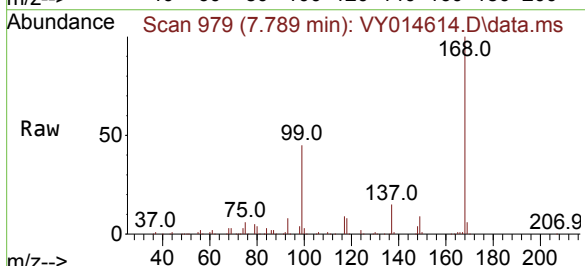
Tgt Ion: 56 Resp: 4115

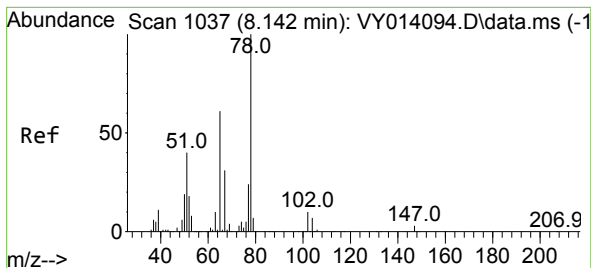
Ion Ratio Lower Upper

56 100

69 178.8 27.8 41.6#

84 157.9 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.656 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

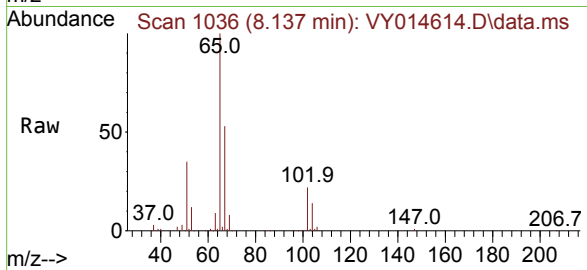
Lab File: VY014614.D

Acq: 10 Jul 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

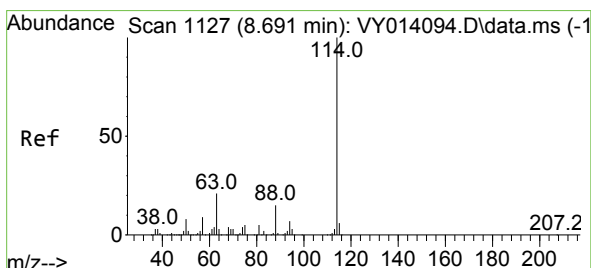
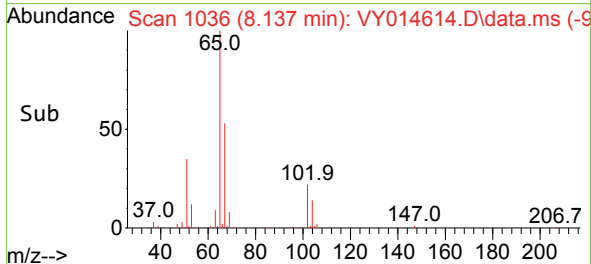
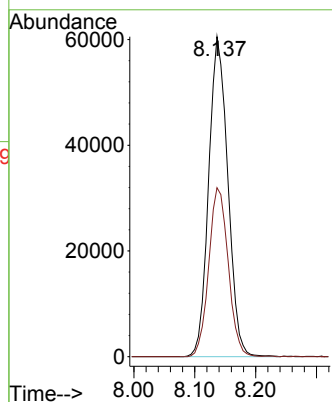


Tgt Ion: 65 Resp: 132246

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014614.D

Acq: 10 Jul 2023 13:42

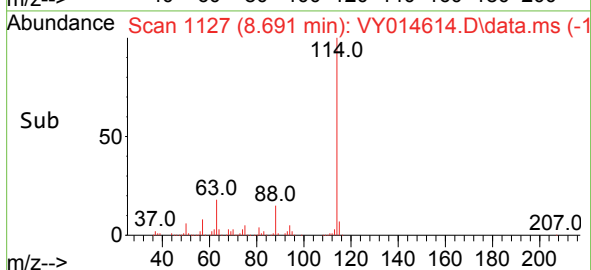
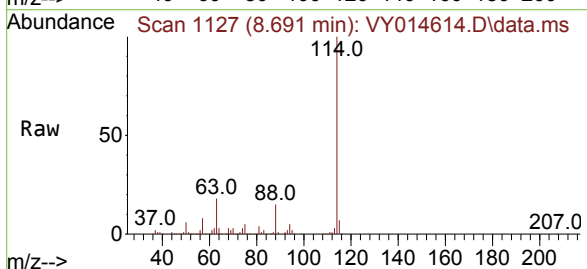
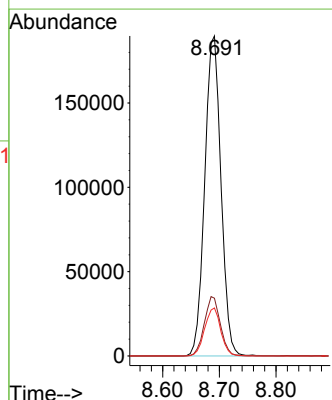
Tgt Ion: 114 Resp: 377537

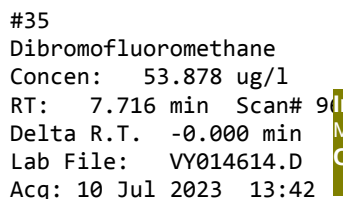
Ion Ratio Lower Upper

114 100

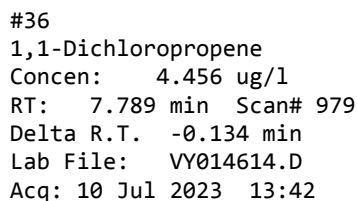
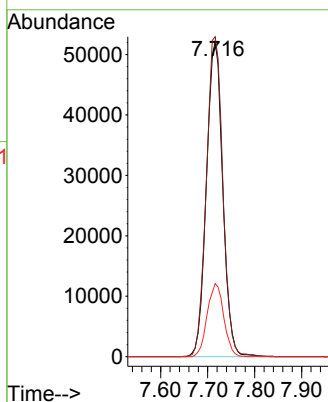
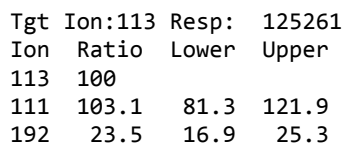
63 18.0 0.0 42.4

88 15.0 0.0 30.6

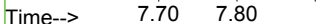
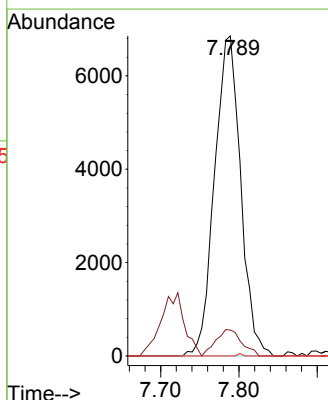


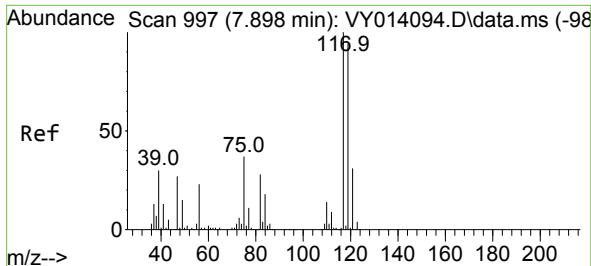


Instrument :
MSVOA_Y
ClientSampleId :



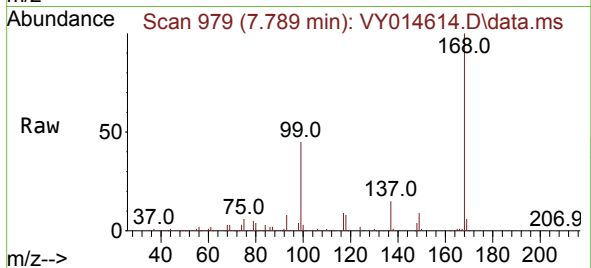
Tgt	Ion: 75	Resp:	15865
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.5#
77	0.1	24.4	36.6#



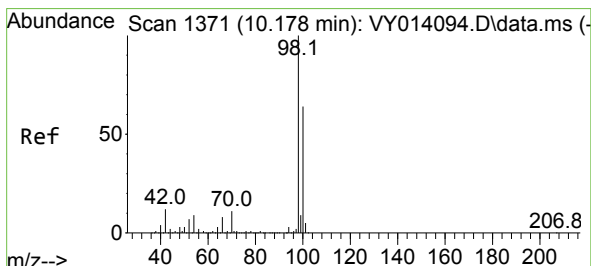
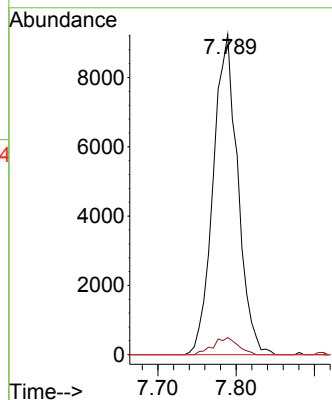
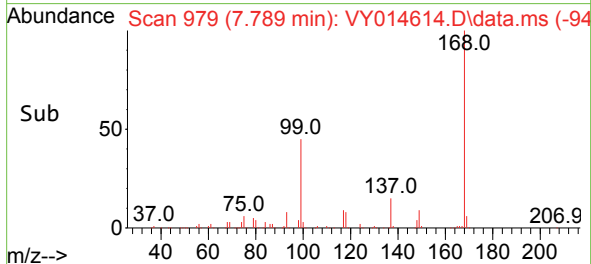


#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :

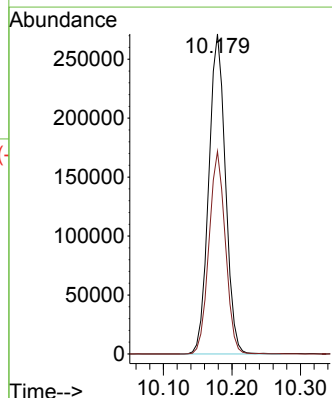
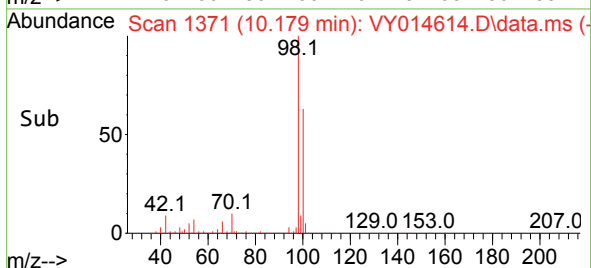
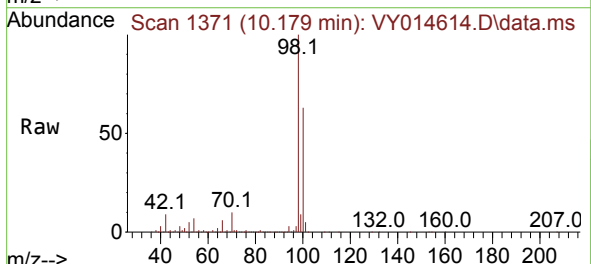


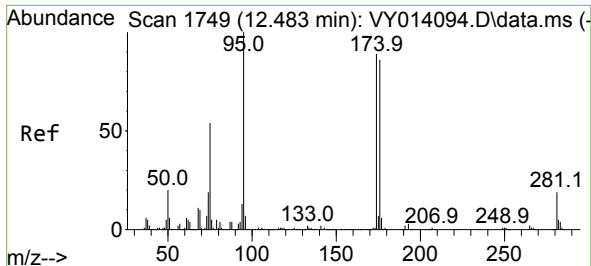
Tgt Ion:117 Resp: 20166
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

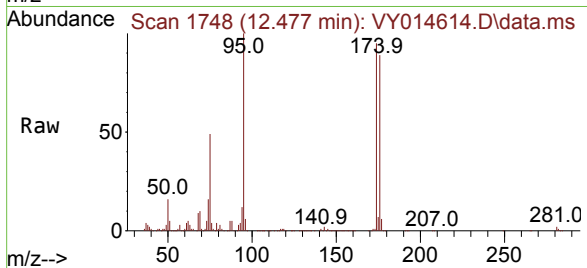
Tgt Ion: 98 Resp: 460607
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1



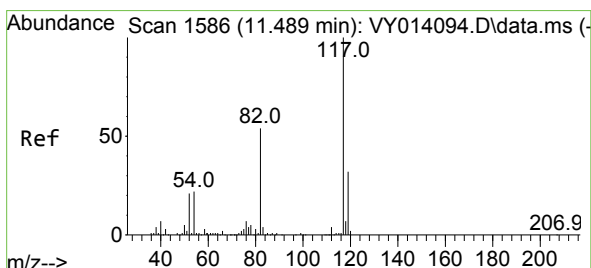
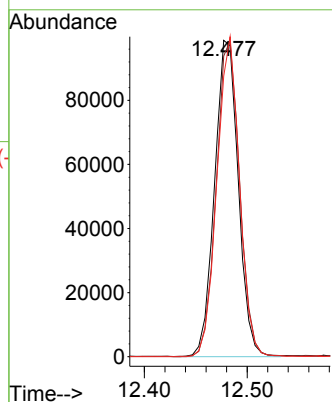
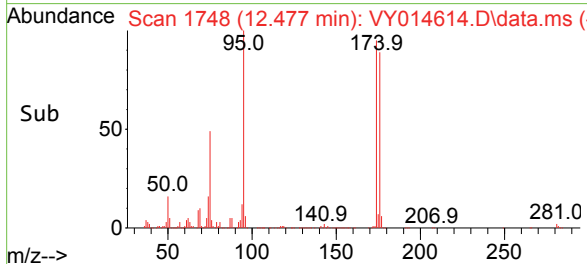


#62
4-Bromofluorobenzene
Concen: 49.463 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :

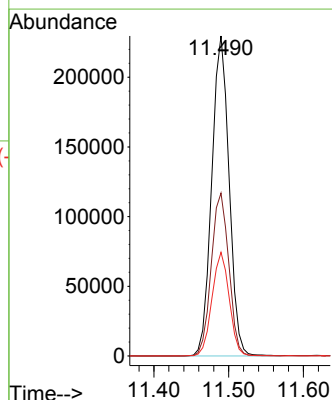
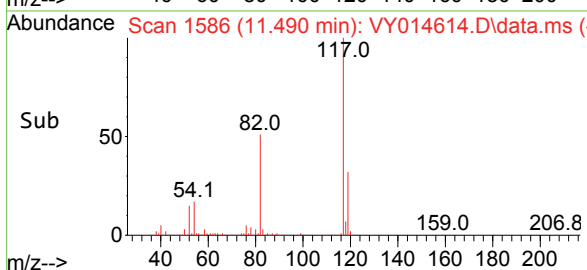
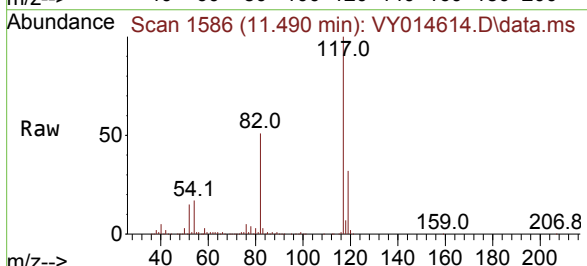


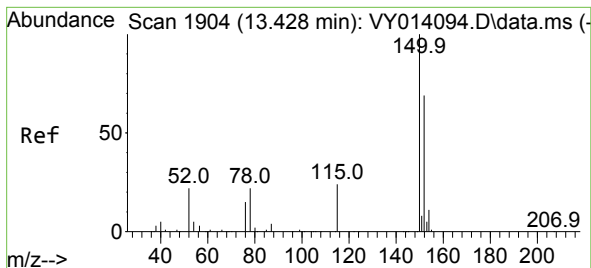
Tgt Ion: 95 Resp: 157854
Ion Ratio Lower Upper
95 100
174 98.3 0.0 178.2
176 96.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

Tgt Ion: 117 Resp: 370525
Ion Ratio Lower Upper
117 100
82 50.9 43.4 65.0
119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

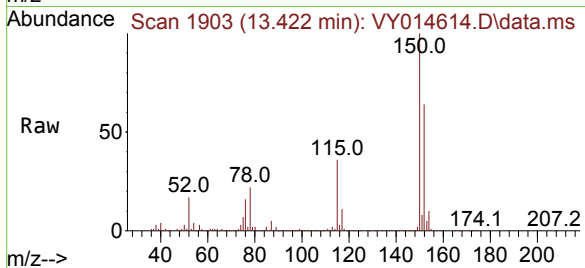
Lab File: VY014614.D

Acq: 10 Jul 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :



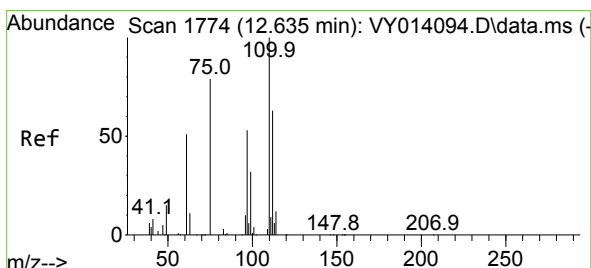
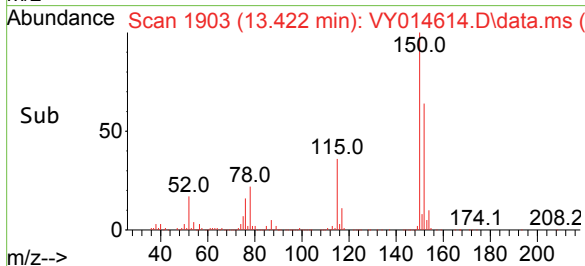
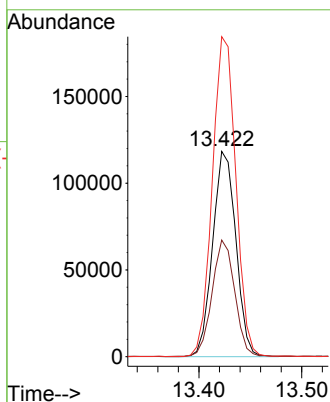
Tgt Ion:152 Resp: 185574

Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.5

150 157.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 34.688 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014614.D

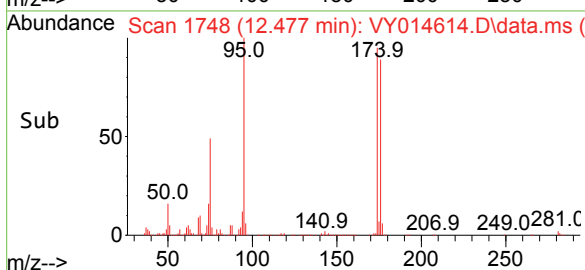
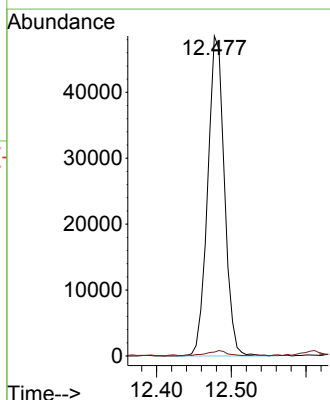
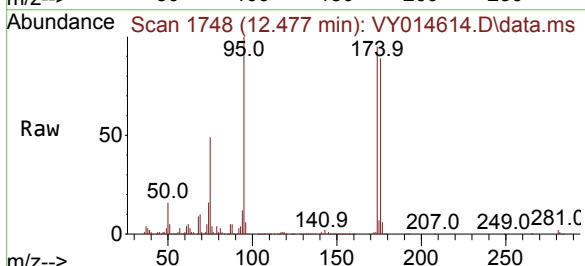
Acq: 10 Jul 2023 13:42

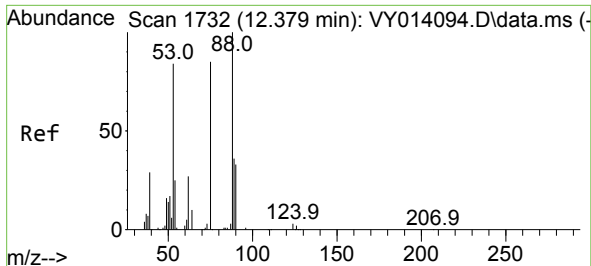
Tgt Ion: 75 Resp: 75539

Ion Ratio Lower Upper

75 100

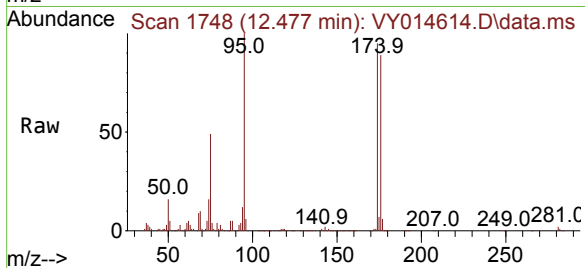
77 2.0 0.0 0.0#



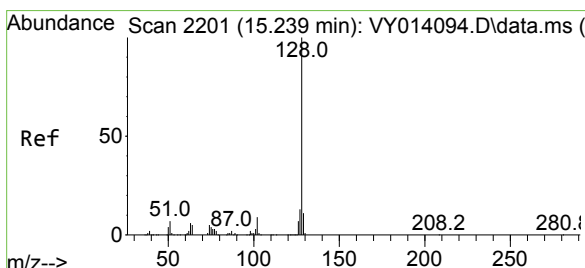
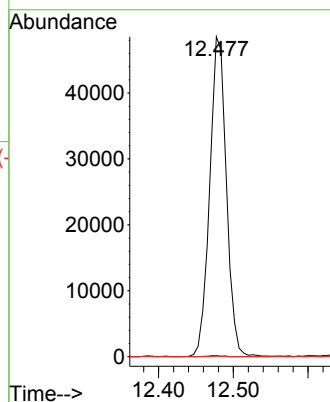
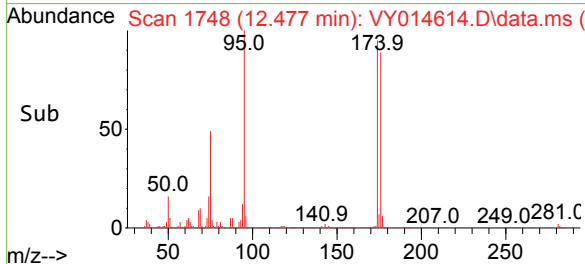


#81
trans-1,4-Dichloro-2-butene
Concen: 67.518 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

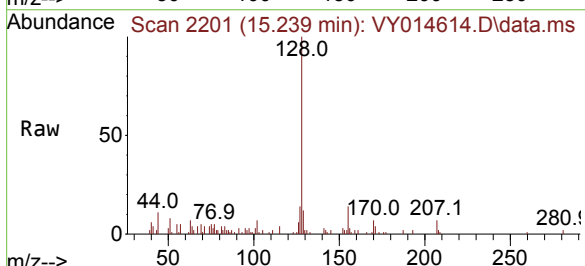
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 75539
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 1.414 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42



Tgt Ion: 128 Resp: 11426
Ion Ratio Lower Upper
128 100
127 17.7 10.8 16.2#
129 11.3 8.6 13.0

