

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015350.D
 Acq On : 25 Aug 2023 18:14
 Operator : SY/MD
 Sample : 04183-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 23:46:09 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)

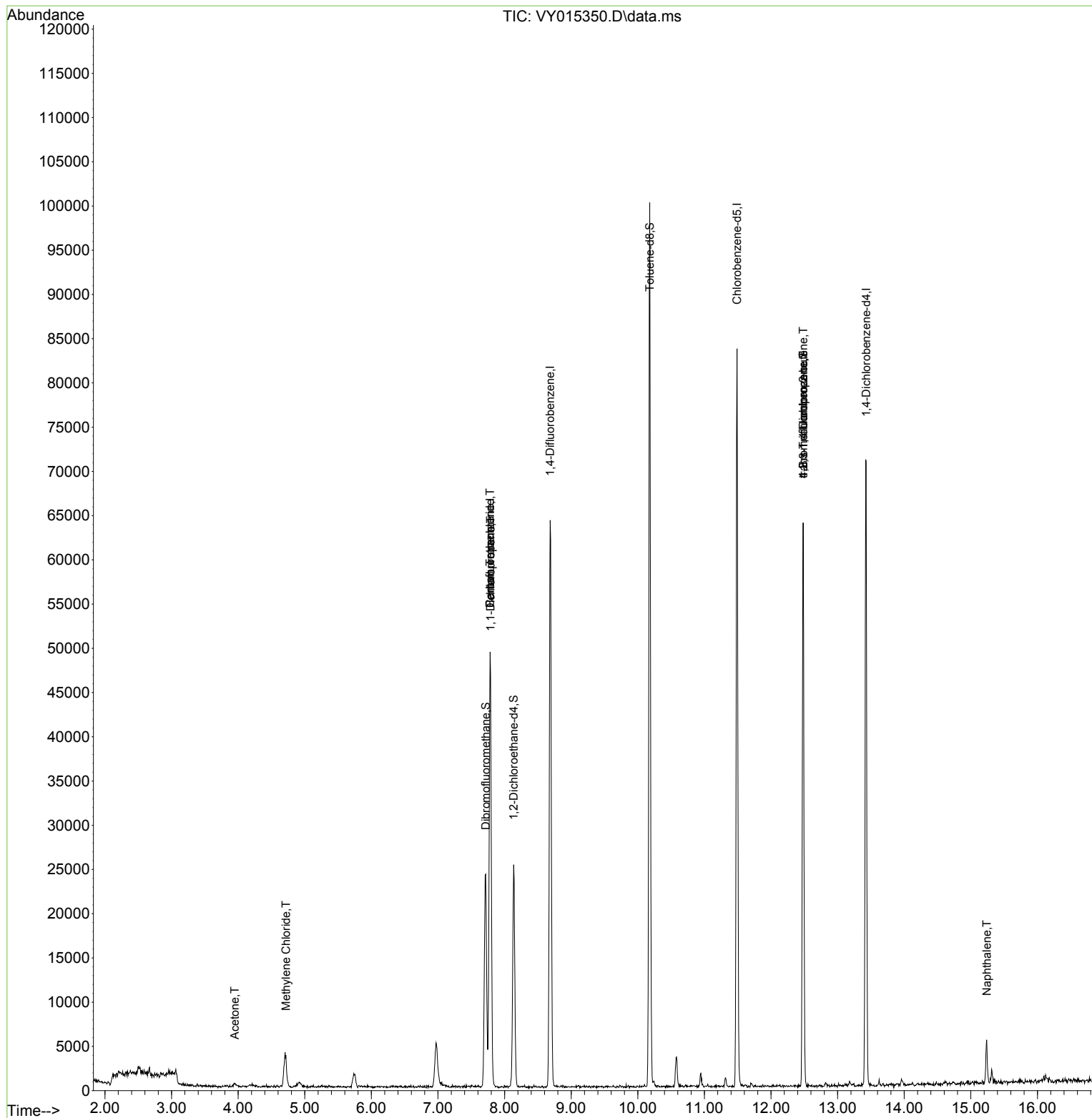
Internal Standards						
1) Pentafluorobenzene	7.783	168	38418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	58099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	46051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19486	42.253	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	84.500%	
35) Dibromofluoromethane	7.716	113	17670	47.275	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	94.540%	
50) Toluene-d8	10.179	98	63450	45.602	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	91.200%	
62) 4-Bromofluorobenzene	12.483	95	18084	35.584	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	71.160%	
Target Compounds						
3) Chloromethane	2.107	50	110	Below Cal	#	43
5) Bromomethane	2.662	94	182	Below Cal	#	80
11) Tert butyl alcohol	4.911	59	737	Below Cal	#	89
16) Acetone	3.948	43	754	5.005	ug/l #	46
20) Methylene Chloride	4.716	84	2700	3.453	ug/l #	75
31) Cyclohexane	7.783	56	842	Below Cal	#	29
36) 1,1-Dichloropropene	7.789	75	3034	7.337	ug/l #	51
38) Carbon Tetrachloride	7.783	117	3916	8.002	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	9987	43.441	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9987	95.416	ug/l #	11
95) Naphthalene	15.239	128	4117	4.684	ug/l	98

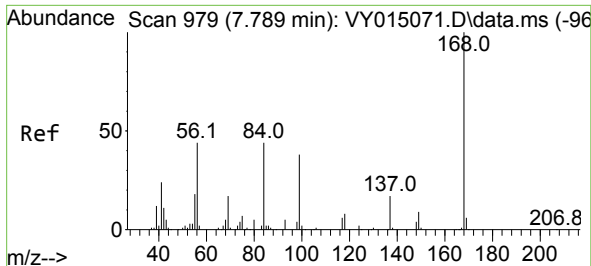
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

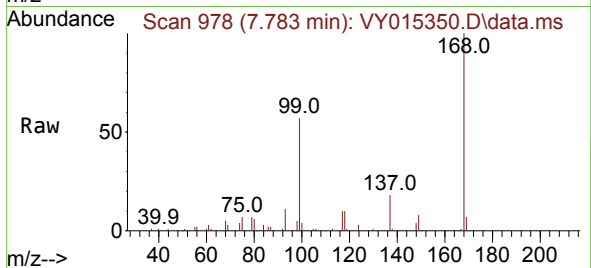
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration



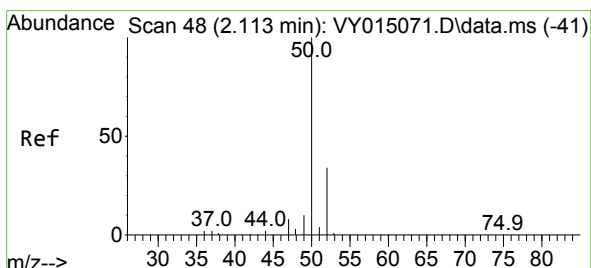
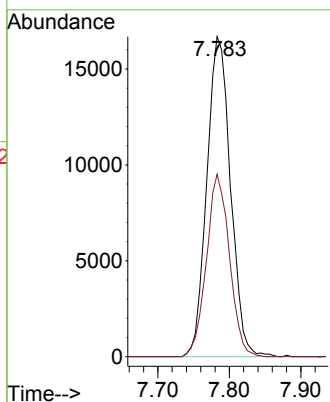
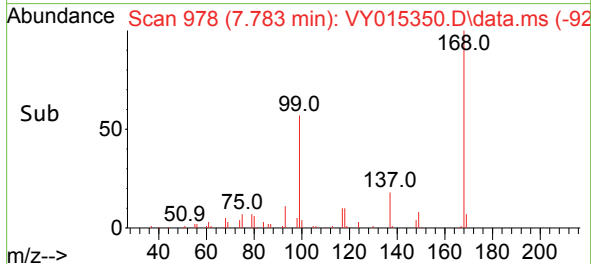


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Instrument :
MSVOA_Y
ClientSampleId :

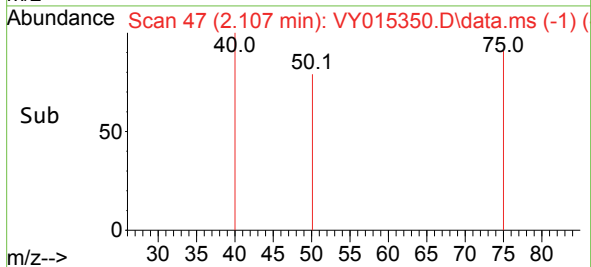
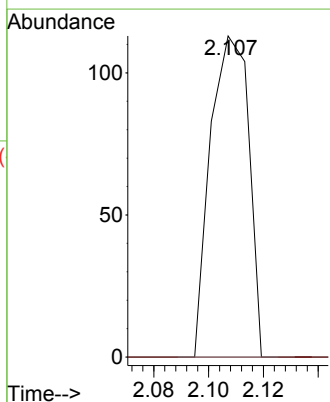
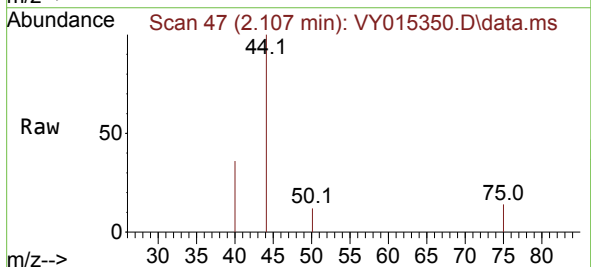


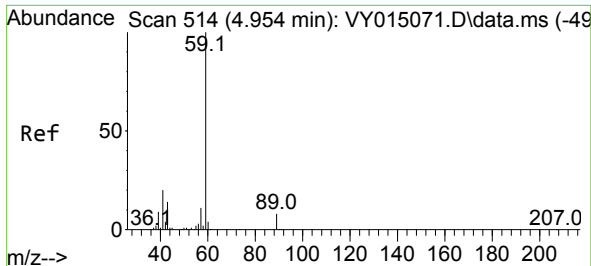
Tgt Ion:168 Resp: 38418
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

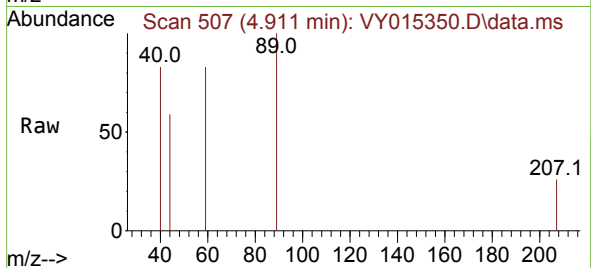
Tgt Ion: 50 Resp: 110
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



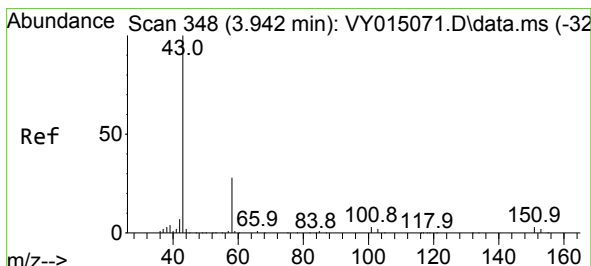
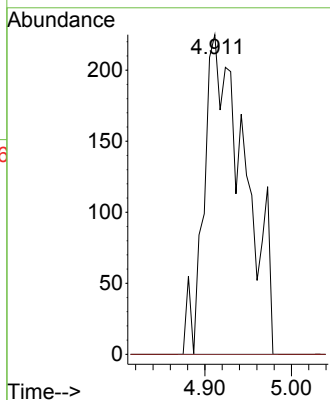
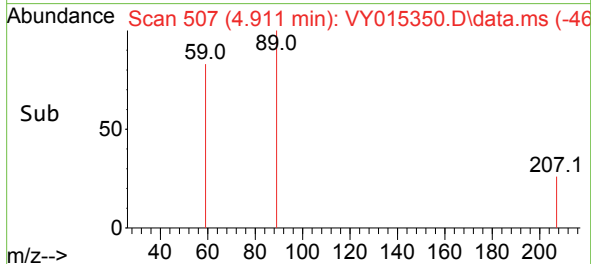


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 50
Delta R.T. -0.037 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Instrument :
MSVOA_Y
ClientSampleId :

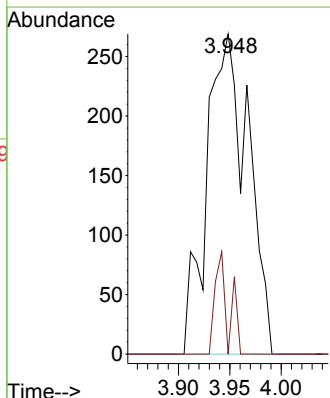
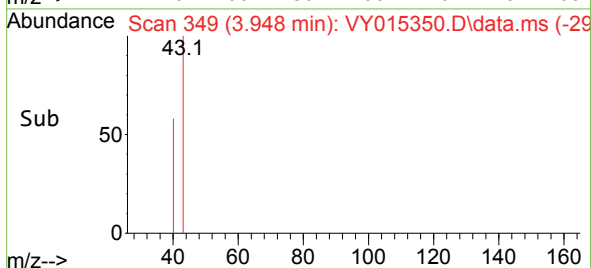
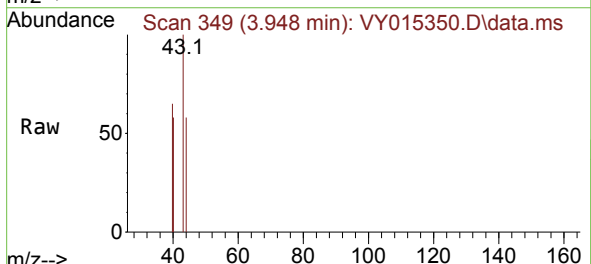


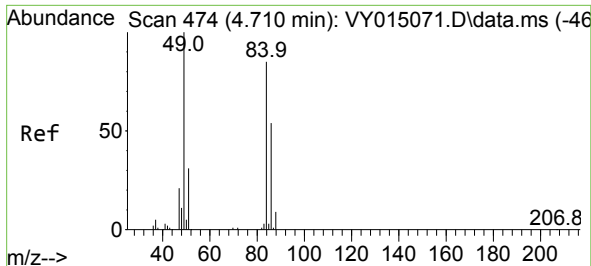
Tgt Ion: 59 Resp: 737
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 5.005 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

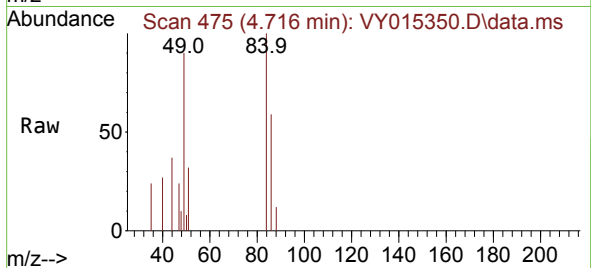
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



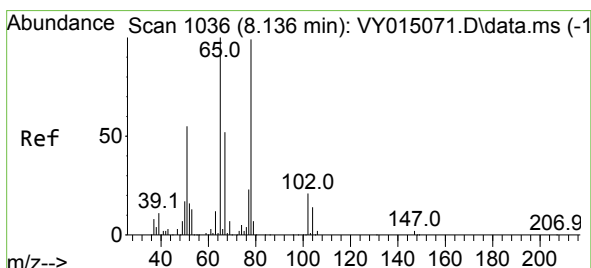
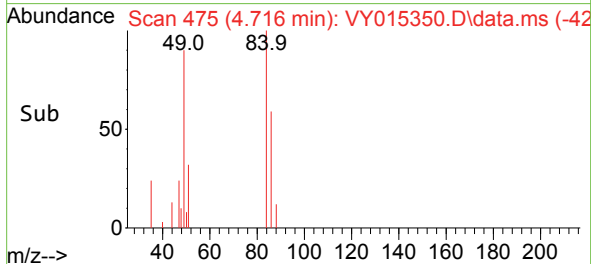
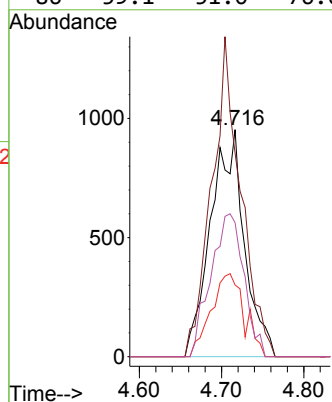


#20
Methylene Chloride
Concen: 3.453 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Instrument :
MSVOA_Y
ClientSampleId :

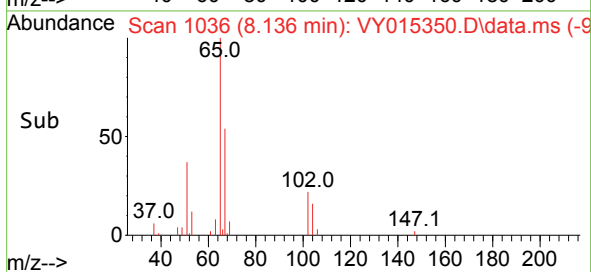
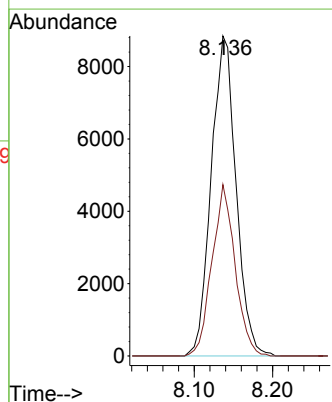
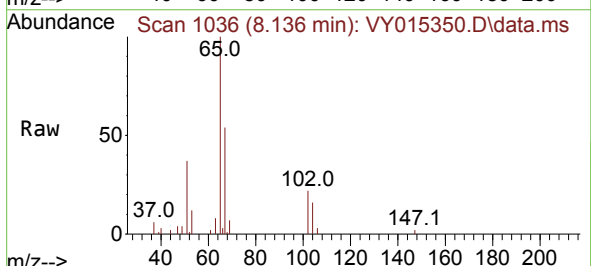


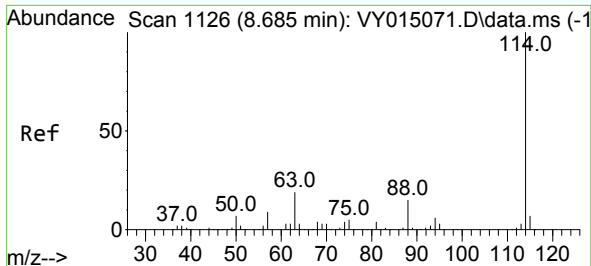
Tgt Ion: 84 Resp: 2700
Ion Ratio Lower Upper
84 100
49 89.7 106.9 160.3#
51 31.6 33.2 49.8#
86 59.1 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 42.253 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Tgt Ion: 65 Resp: 19486
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

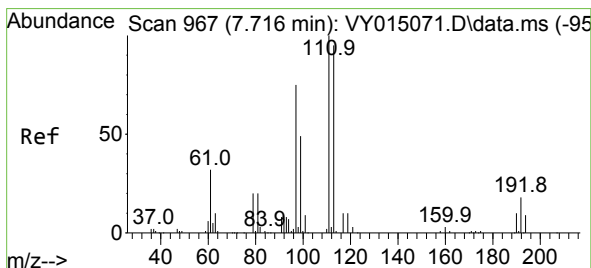
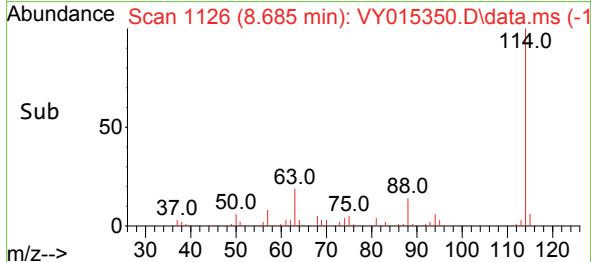
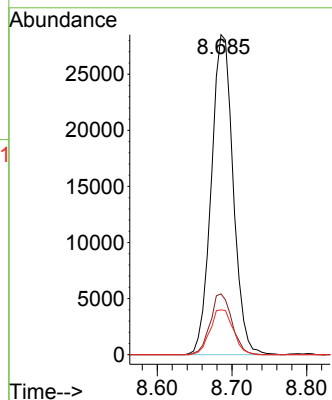
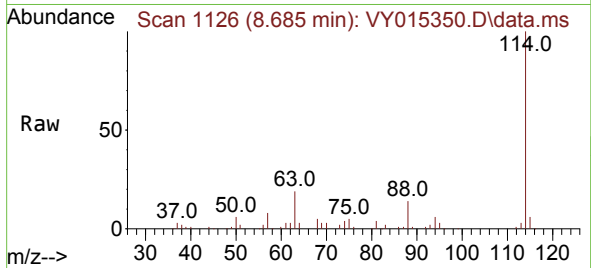




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

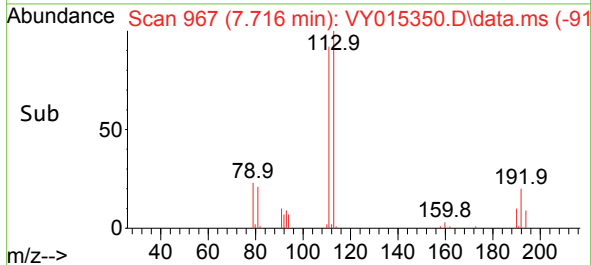
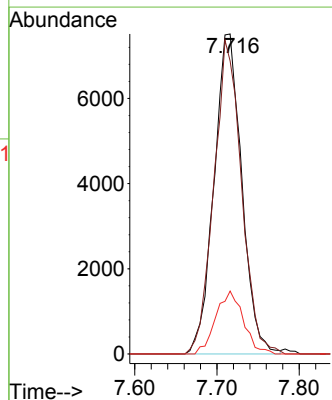
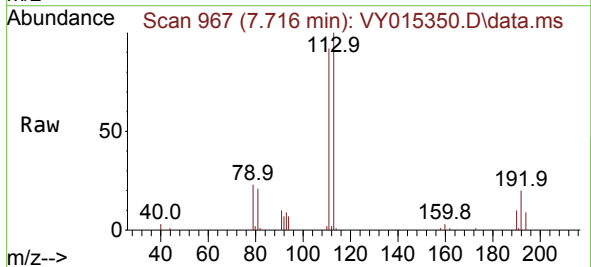
Instrument :
MSVOA_Y
ClientSampleId :

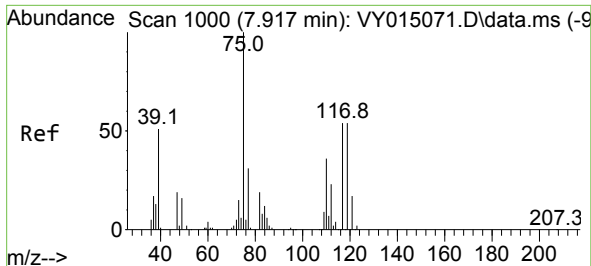
Tgt Ion:114 Resp: 58099
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.275 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

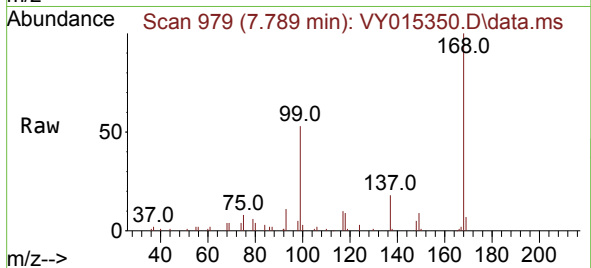
Tgt Ion:113 Resp: 17670
Ion Ratio Lower Upper
113 100
111 97.3 81.3 121.9
192 19.6 16.9 25.3



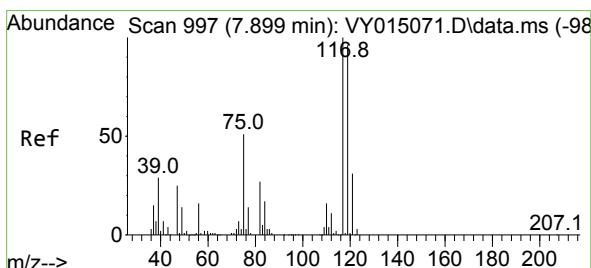
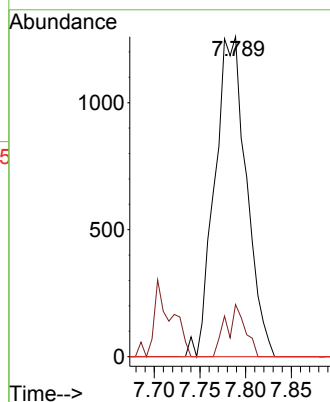
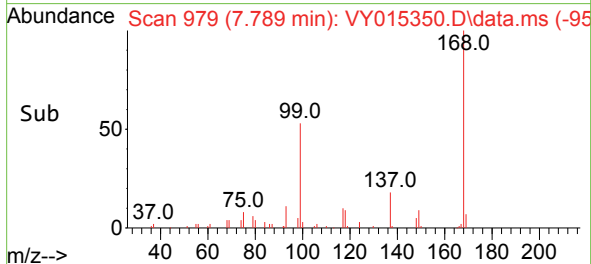


#36
1,1-Dichloropropene
Concen: 7.337 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

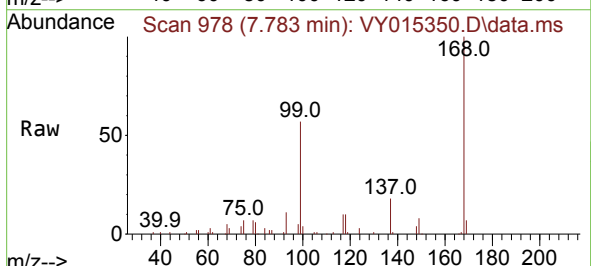
Instrument :
MSVOA_Y
ClientSampleId :



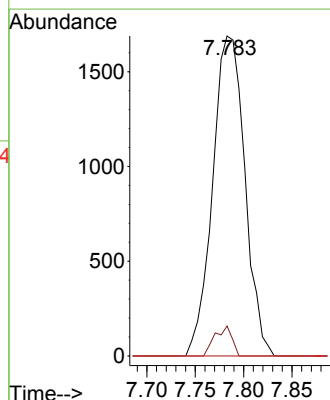
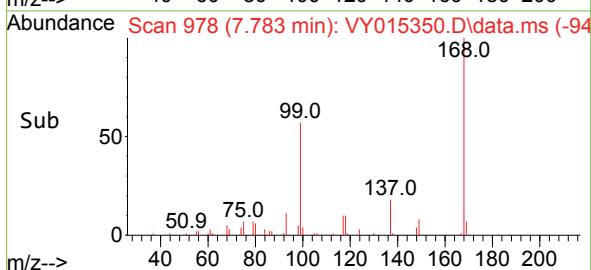
Tgt Ion: 75 Resp: 3034
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#

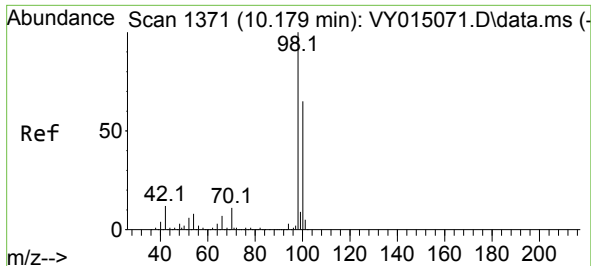


#38
Carbon Tetrachloride
Concen: 8.002 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14



Tgt Ion: 117 Resp: 3916
Ion Ratio Lower Upper
117 100
119 9.4 76.4 114.6#
121 0.0 25.8 38.6#

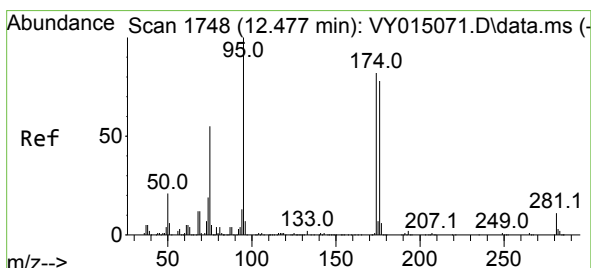
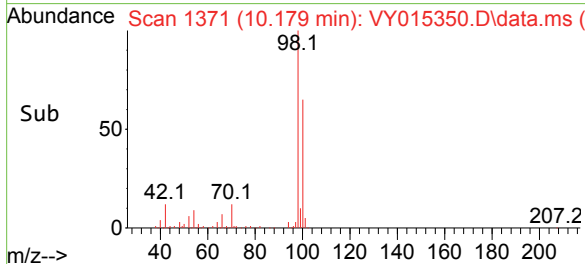
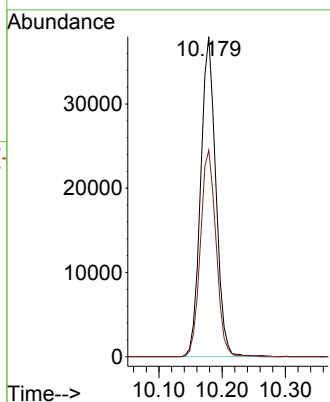
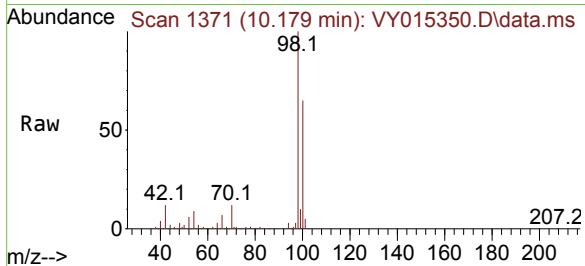




#50
Toluene-d8
Concen: 45.602 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

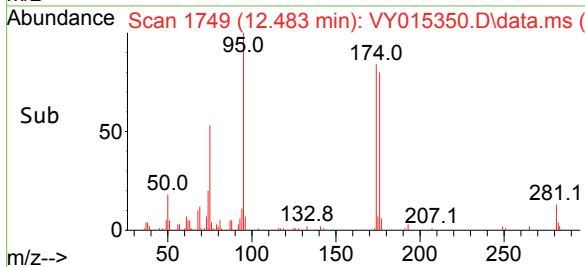
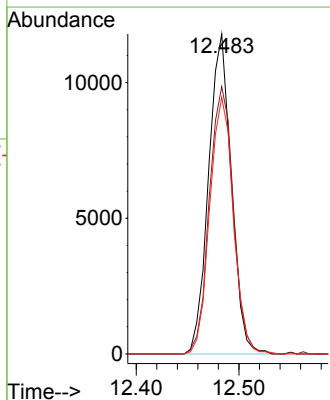
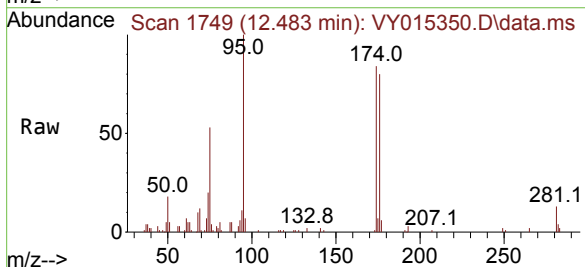
Instrument :
MSVOA_Y
ClientSampleId :

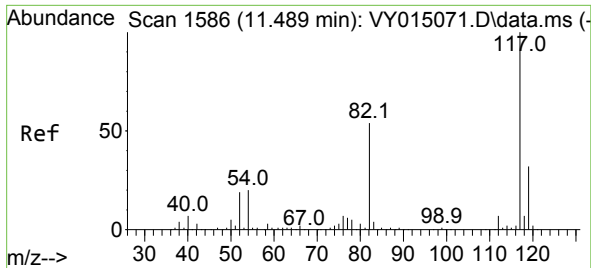
Tgt Ion: 98 Resp: 63450
Ion Ratio Lower Upper
98 100
100 66.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Tgt Ion: 95 Resp: 18084
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.2
176 83.1 0.0 173.8

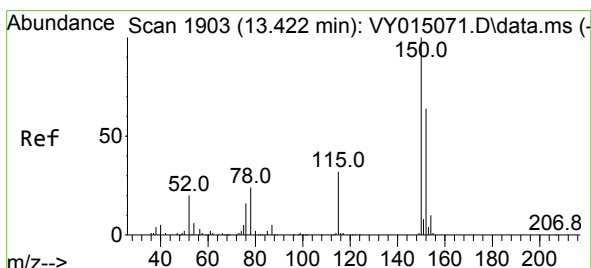
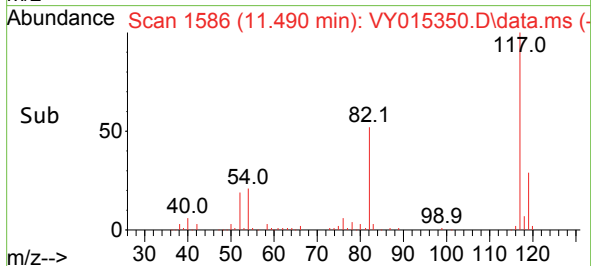
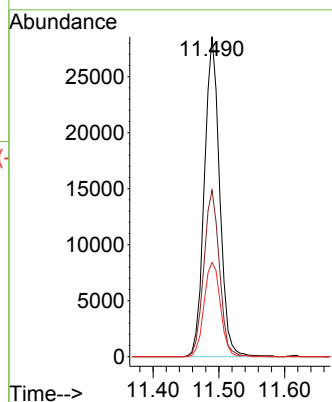
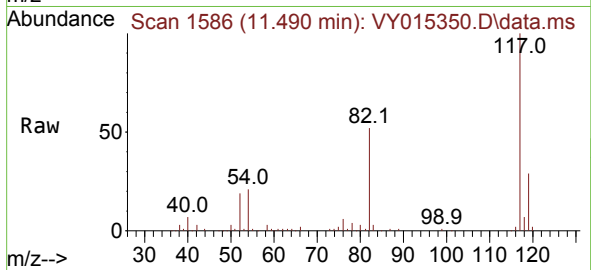




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

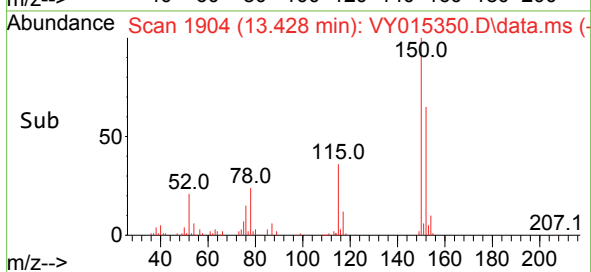
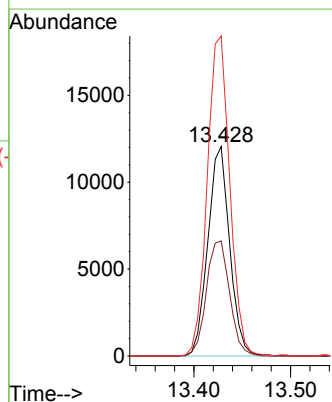
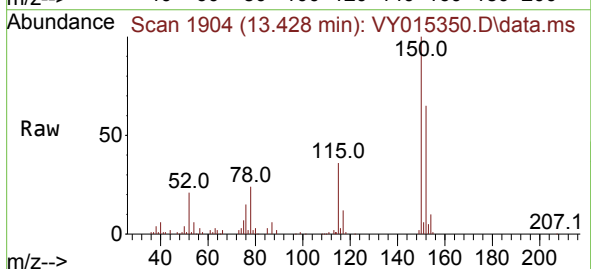
Instrument :
MSVOA_Y
ClientSampleId :

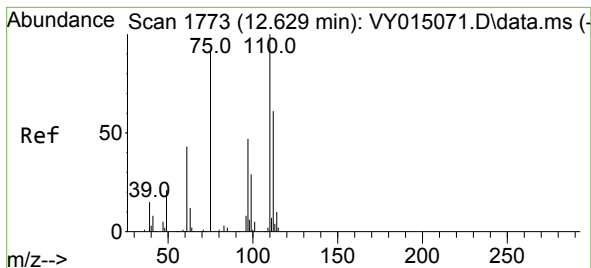
Tgt Ion:117 Resp: 46051
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 29.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Tgt Ion:152 Resp: 18923
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 157.8 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 43.441 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015350.D

Acq: 25 Aug 2023 18:14

Instrument :

MSVOA_Y

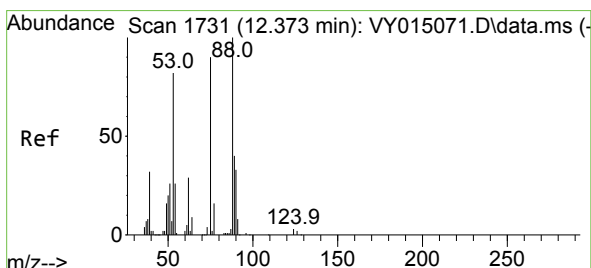
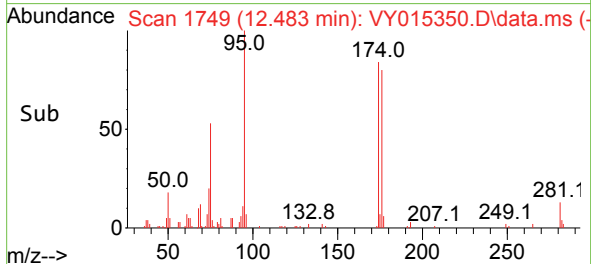
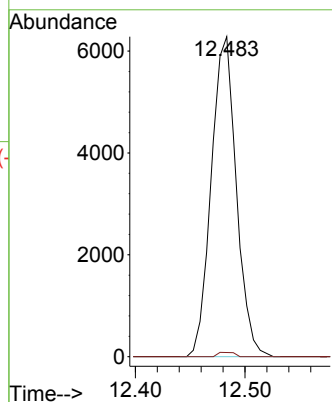
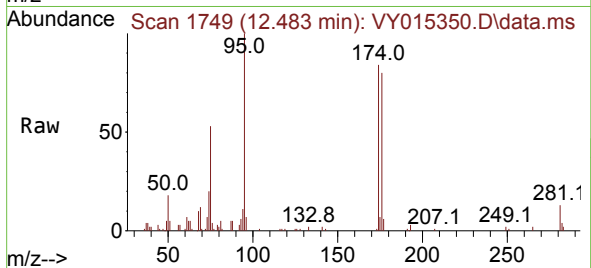
ClientSampleId :

Tgt Ion: 75 Resp: 9987

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.416 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.110 min

Lab File: VY015350.D

Acq: 25 Aug 2023 18:14

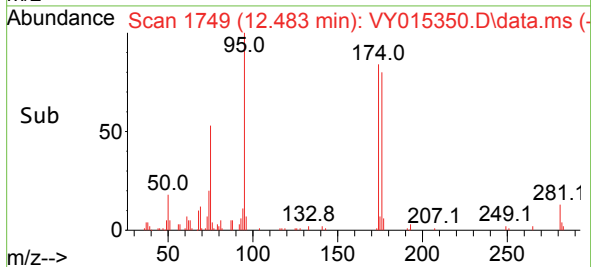
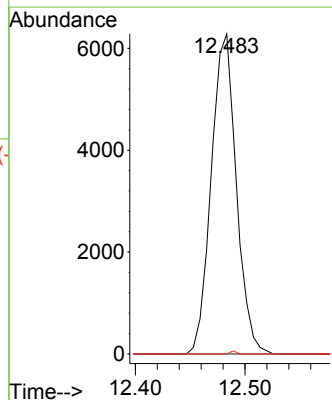
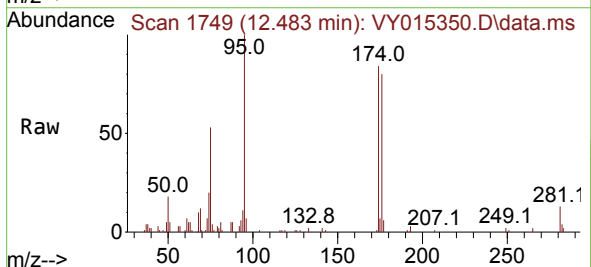
Tgt Ion: 75 Resp: 9987

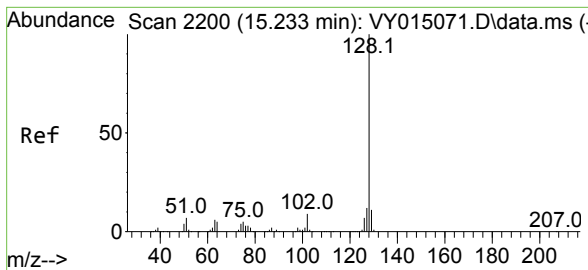
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

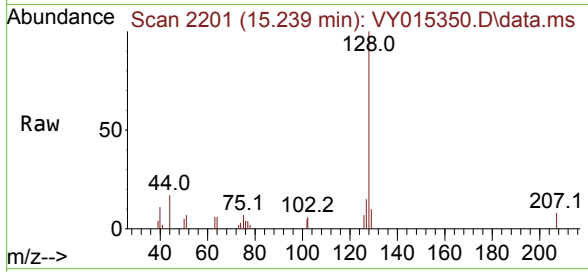
89 0.2 37.4 56.0#





#95
Naphthalene
Concen: 4.684 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 4117
Ion Ratio Lower Upper
128 100
127 12.3 10.8 16.2
129 10.5 8.6 13.0

