

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018047.D
 Acq On : 25 Apr 2024 13:35
 Operator : SY/MD
 Sample : P2258-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 02:01:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

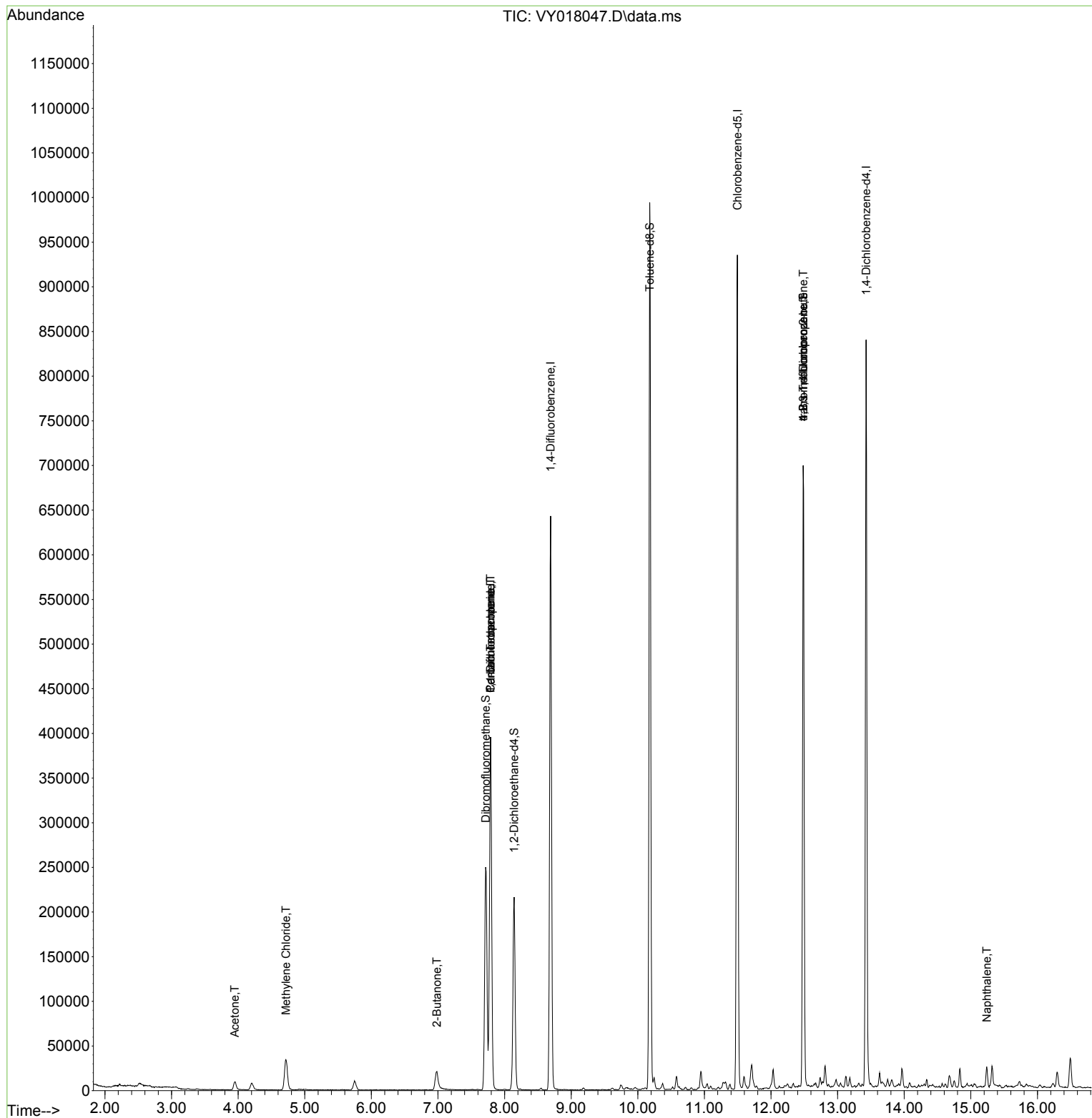
Internal Standards						
1) Pentafluorobenzene	7.789	168	333768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	587326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	551083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	157766	54.622	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.240%			
35) Dibromofluoromethane	7.716	113	185373	51.159	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.320%			
50) Toluene-d8	10.179	98	684978	49.820	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.640%			
62) 4-Bromofluorobenzene	12.483	95	208205	48.896	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.800%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	782	Below Cal	#	88
16) Acetone	3.948	43	15989	28.016	ug/l	92
20) Methylene Chloride	4.716	84	28677	7.417	ug/l	99
25) 2-Butanone	6.984	43	2265	2.700	ug/l #	70
36) 1,1-Dichloropropene	7.789	75	22070	4.188	ug/l #	47
38) Carbon Tetrachloride	7.789	117	28694	5.390	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	99950	46.257	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	99950	95.373	ug/l #	16
95) Naphthalene	15.239	128	19624	2.942	ug/l	98

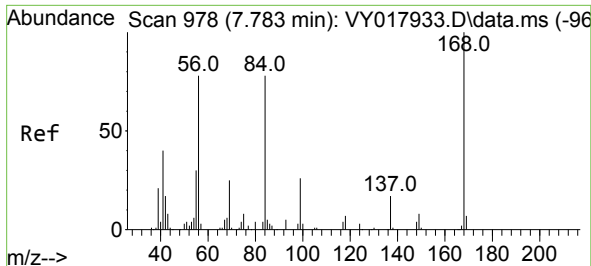
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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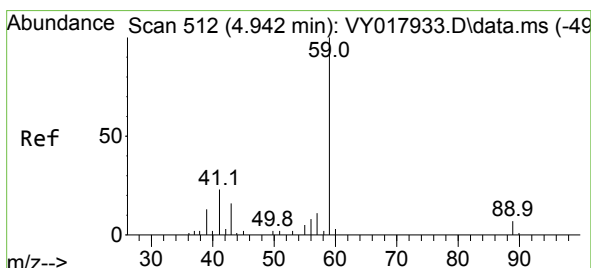
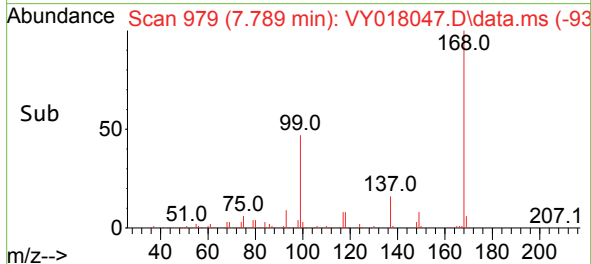
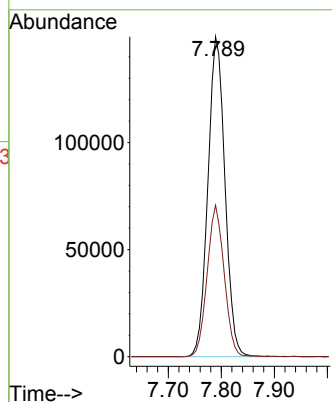
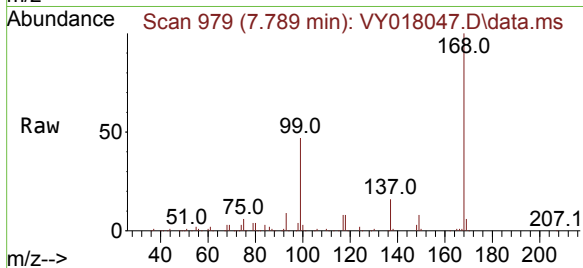




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018047.D
Acq: 25 Apr 2024 13:35

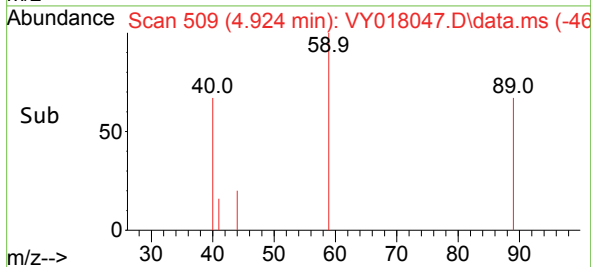
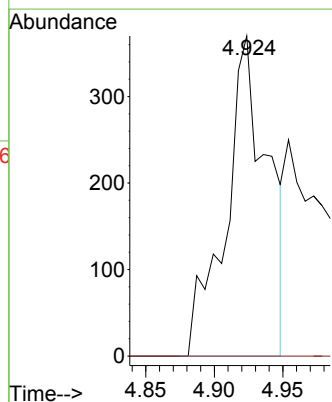
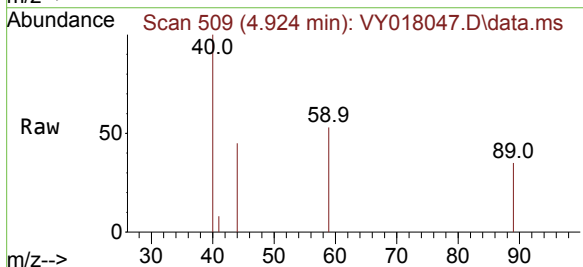
Instrument :
MSVOA_Y
ClientSampleId :

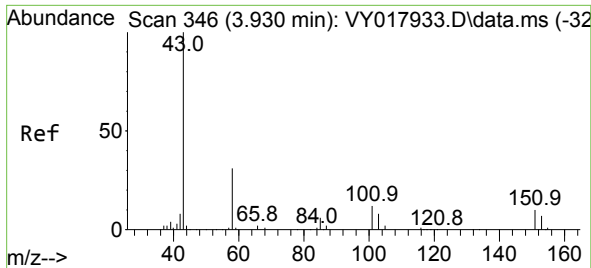
Tgt Ion:168 Resp: 333768
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY018047.D
Acq: 25 Apr 2024 13:35

Tgt Ion: 59 Resp: 782
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 28.016 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY018047.D

Acq: 25 Apr 2024 13:35

Instrument :

MSVOA_Y

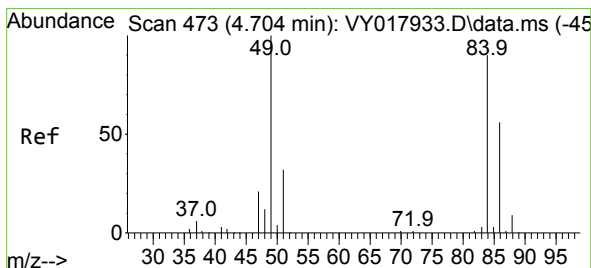
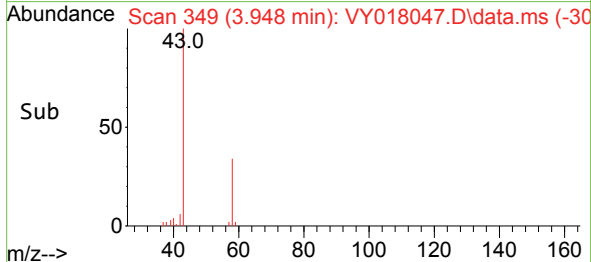
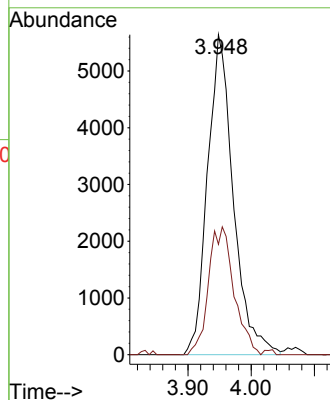
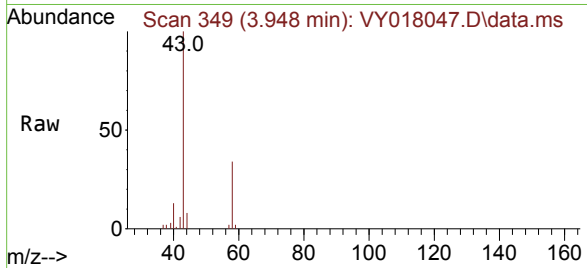
ClientSampleId :

Tgt Ion: 43 Resp: 15989

Ion Ratio Lower Upper

43 100

58 34.5 31.7 47.5



#20

Methylene Chloride

Concen: 7.417 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY018047.D

Acq: 25 Apr 2024 13:35

Tgt Ion: 84 Resp: 28677

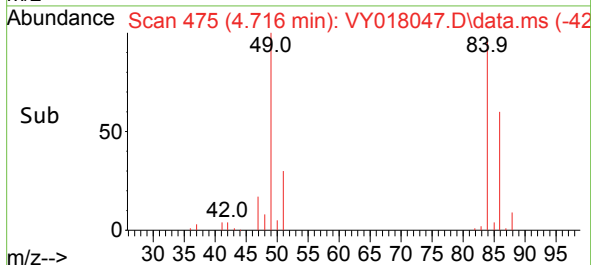
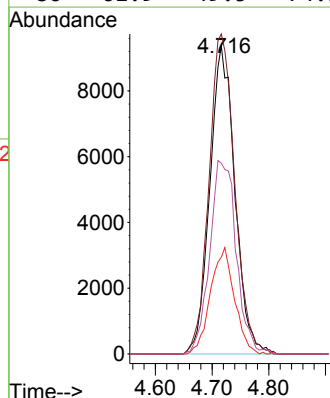
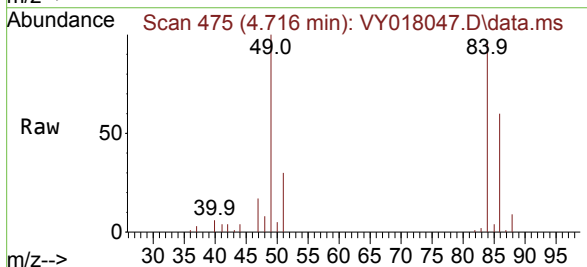
Ion Ratio Lower Upper

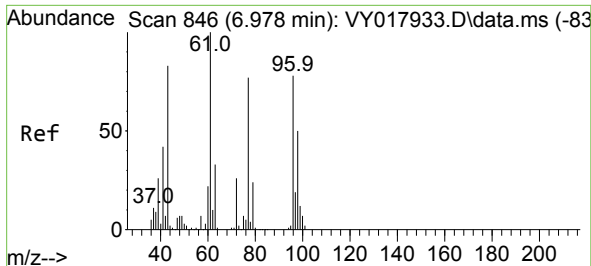
84 100

49 103.9 84.4 126.6

51 31.4 26.0 39.0

86 61.9 49.5 74.3

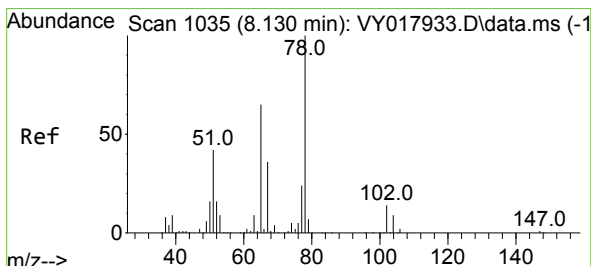
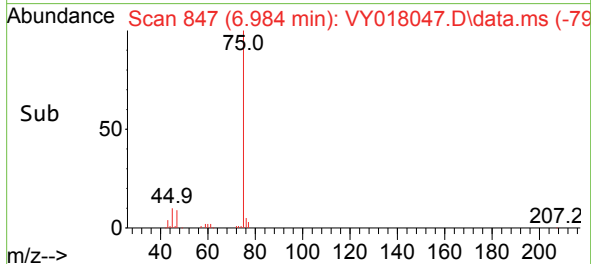
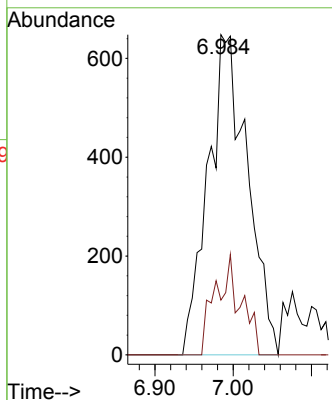
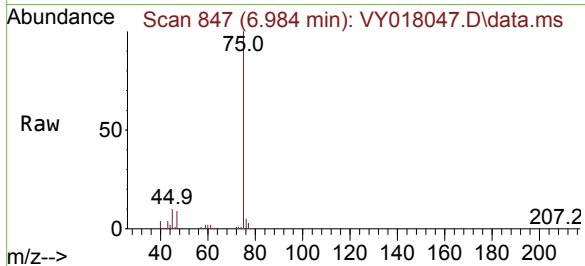




#25
2-Butanone
Concen: 2.700 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018047.D
Acq: 25 Apr 2024 13:35

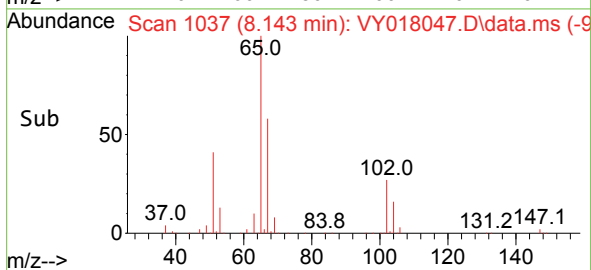
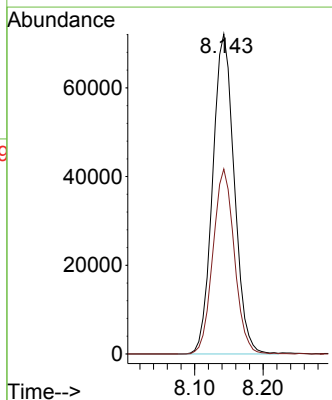
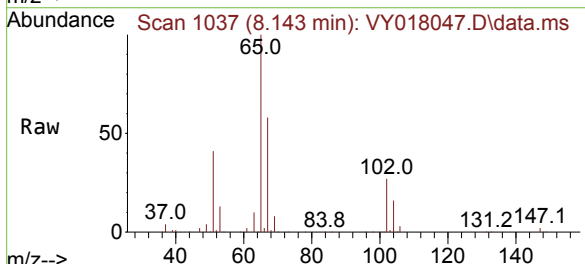
Instrument :
MSVOA_Y
ClientSampleId :

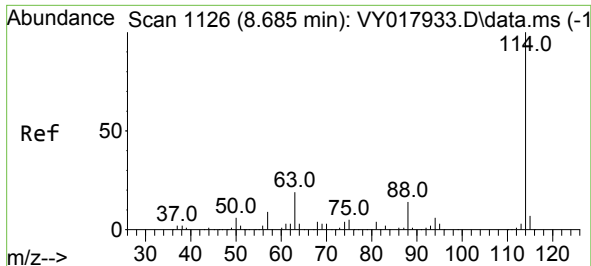
Tgt Ion: 43 Resp: 2265
Ion Ratio Lower Upper
43 100
72 17.1 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 54.622 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018047.D
Acq: 25 Apr 2024 13:35

Tgt Ion: 65 Resp: 157766
Ion Ratio Lower Upper
65 100
67 57.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018047.D

Acq: 25 Apr 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :

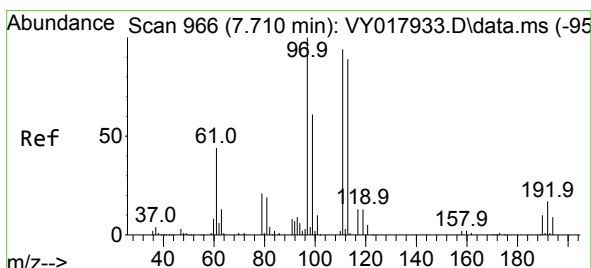
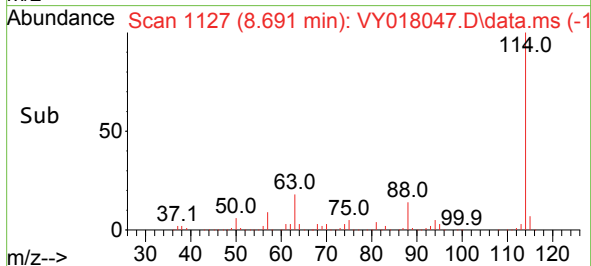
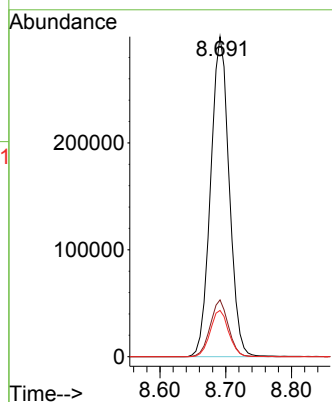
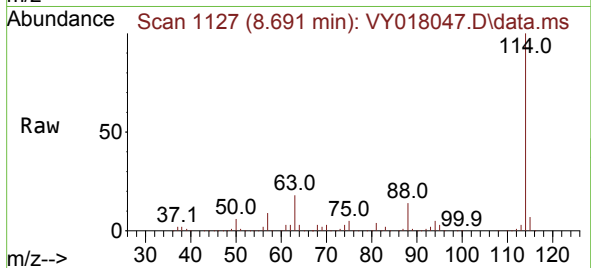
Tgt Ion:114 Resp: 587326

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.159 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018047.D

Acq: 25 Apr 2024 13:35

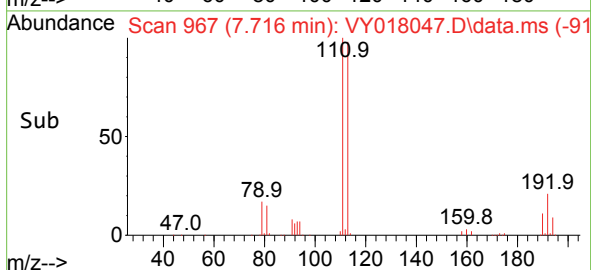
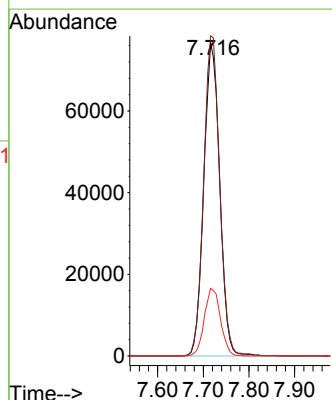
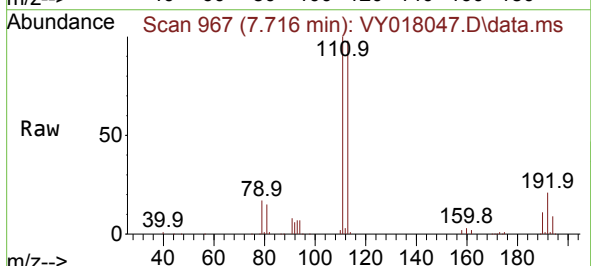
Tgt Ion:113 Resp: 185373

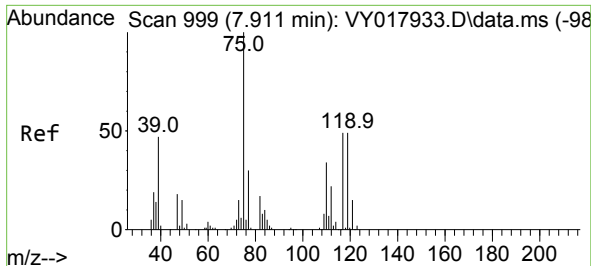
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 21.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.188 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

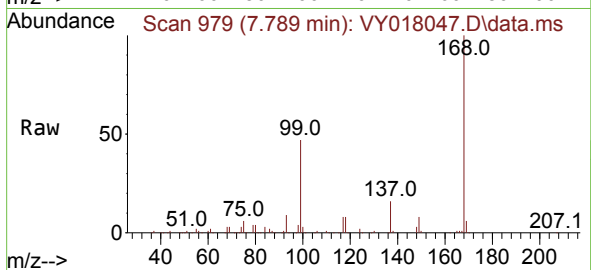
Lab File: VY018047.D

Acq: 25 Apr 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :



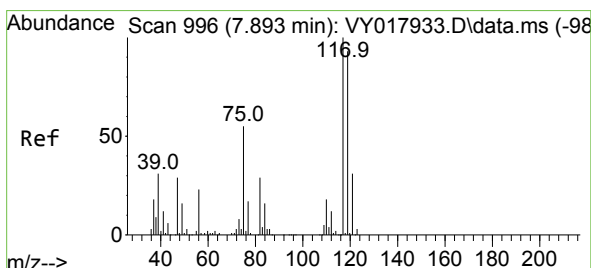
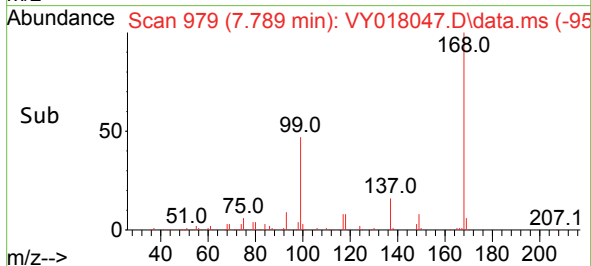
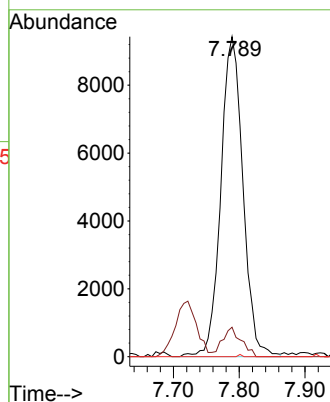
Tgt Ion: 75 Resp: 22070

Ion Ratio Lower Upper

75 100

110 7.7 19.0 57.0#

77 0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.390 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY018047.D

Acq: 25 Apr 2024 13:35

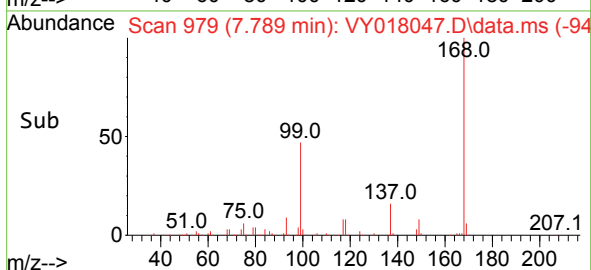
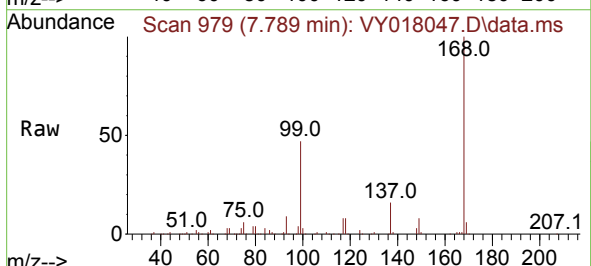
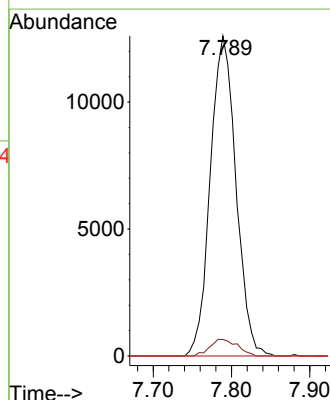
Tgt Ion: 117 Resp: 28694

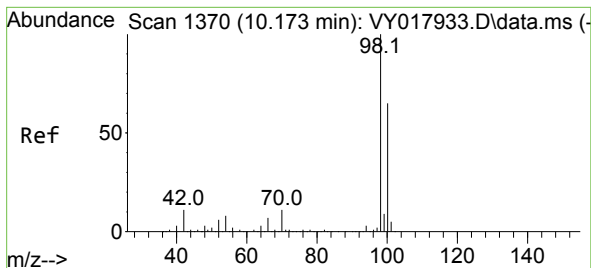
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 49.820 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018047.D

Acq: 25 Apr 2024 13:35

Instrument :

MSVOA_Y

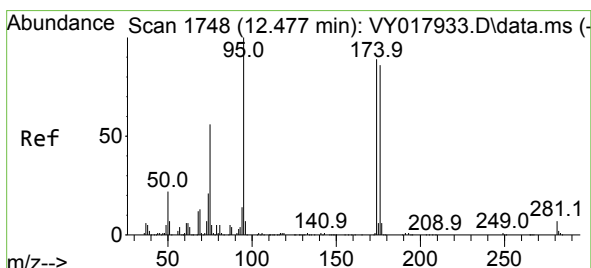
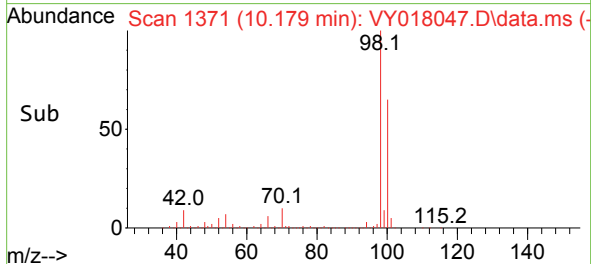
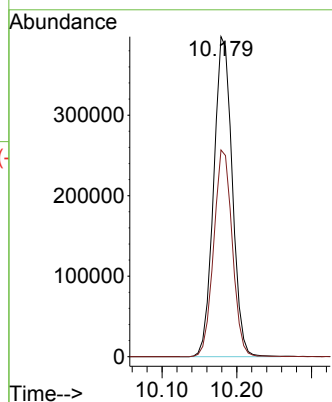
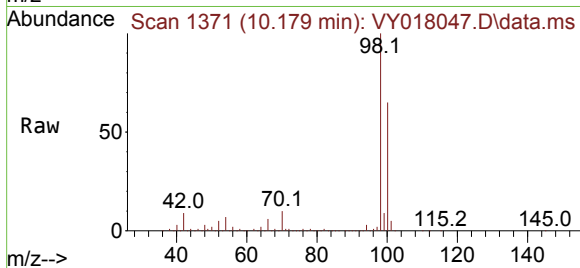
ClientSampleId :

Tgt Ion: 98 Resp: 684978

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.896 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018047.D

Acq: 25 Apr 2024 13:35

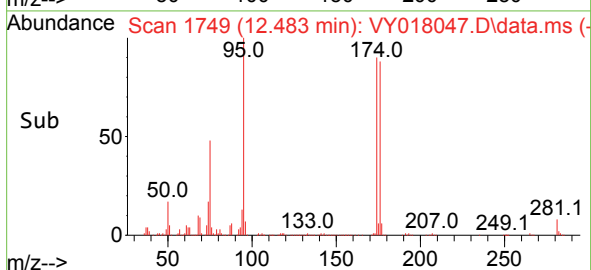
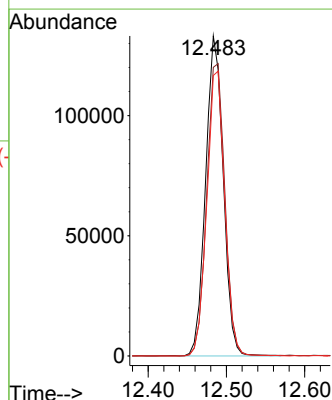
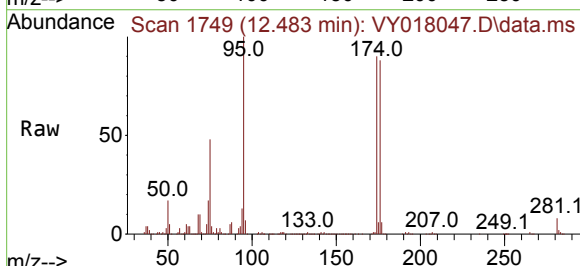
Tgt Ion: 95 Resp: 208205

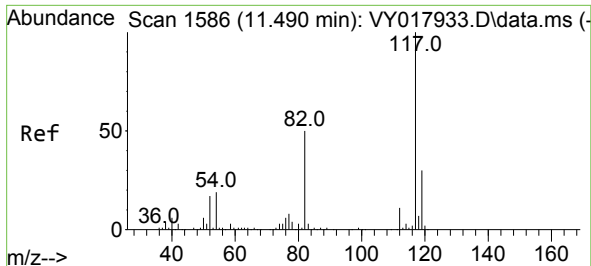
Ion Ratio Lower Upper

95 100

174 94.2 0.0 175.6

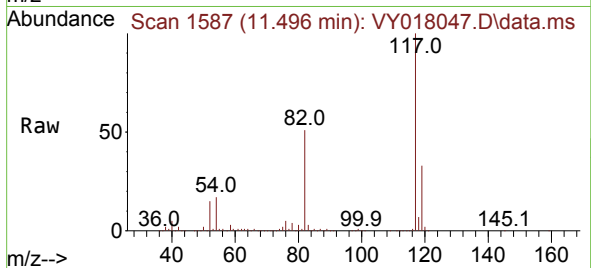
176 90.5 0.0 171.4



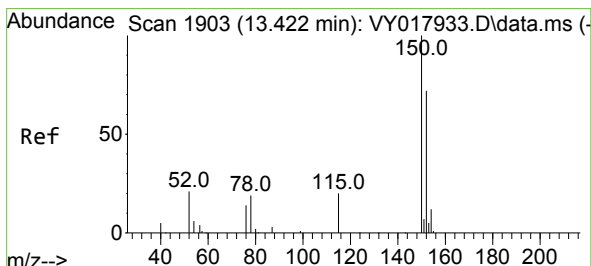
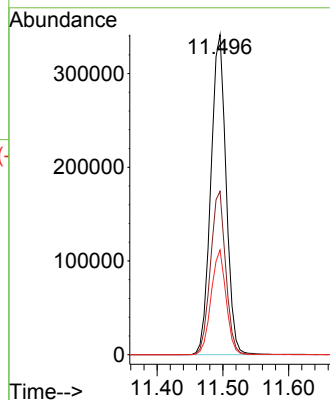
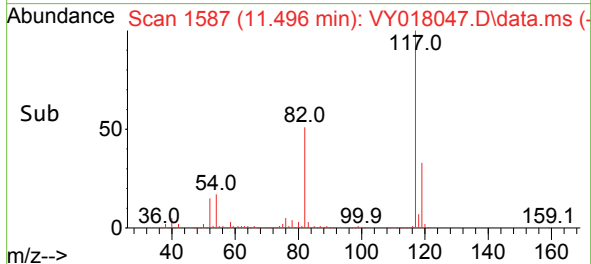


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018047.D
Acq: 25 Apr 2024 13:35

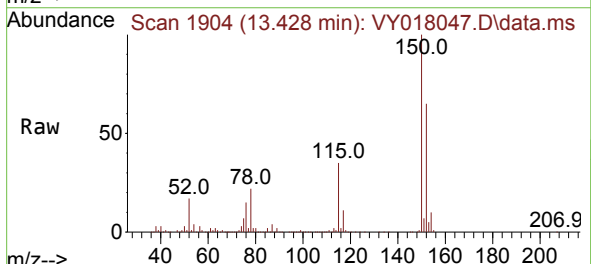
Instrument :
MSVOA_Y
ClientSampleId :



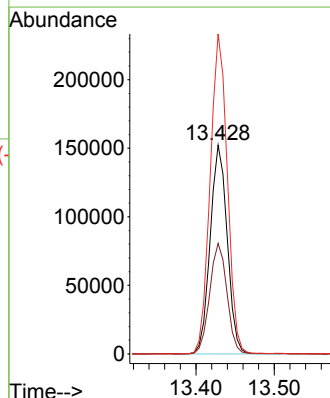
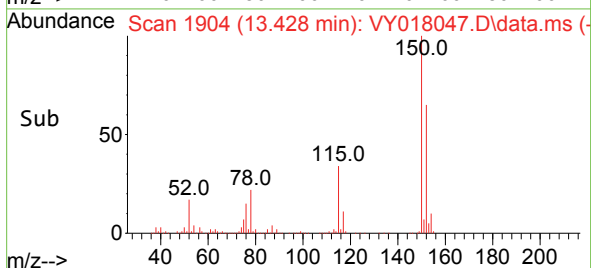
Tgt Ion:117 Resp: 551083
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 32.7 25.9 38.9

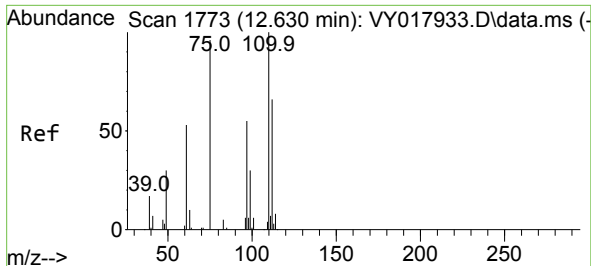


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018047.D
Acq: 25 Apr 2024 13:35



Tgt Ion:152 Resp: 230264
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 154.4 0.0 345.6

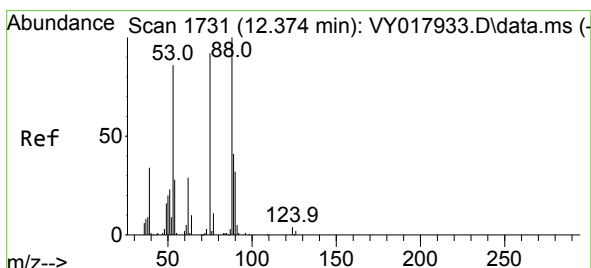
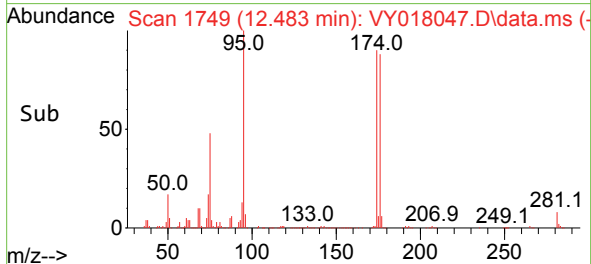
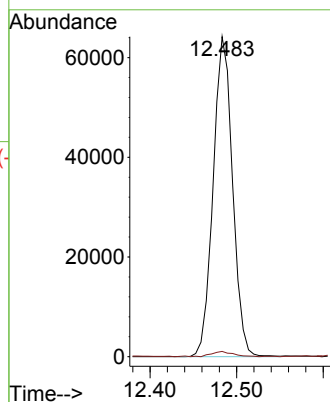
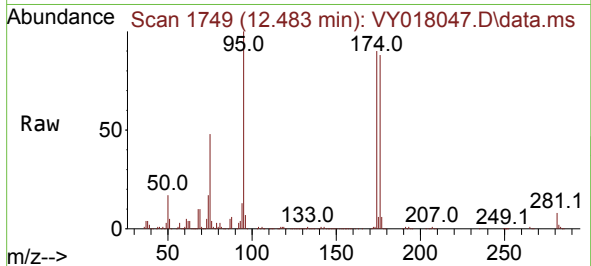




#76
1,2,3-Trichloropropane
Concen: 46.257 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018047.D
Acq: 25 Apr 2024 13:35

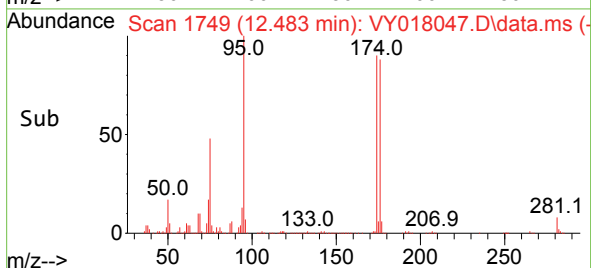
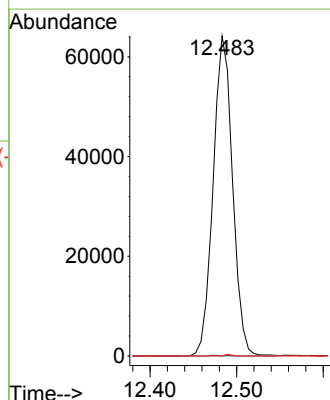
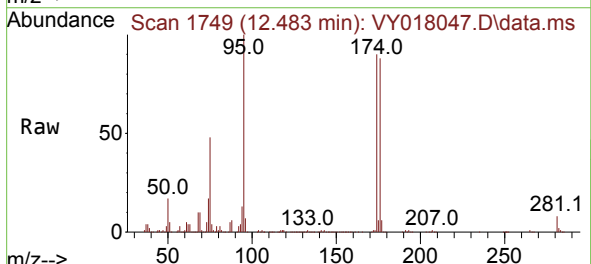
Instrument :
MSVOA_Y
ClientSampleId :

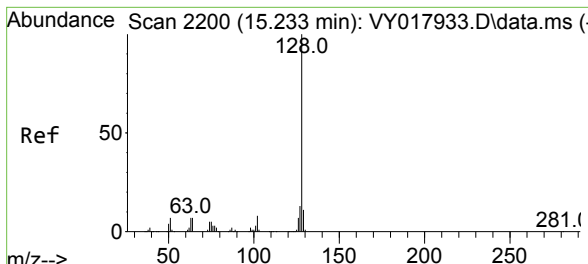
Tgt Ion: 75 Resp: 99950
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.373 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018047.D
Acq: 25 Apr 2024 13:35

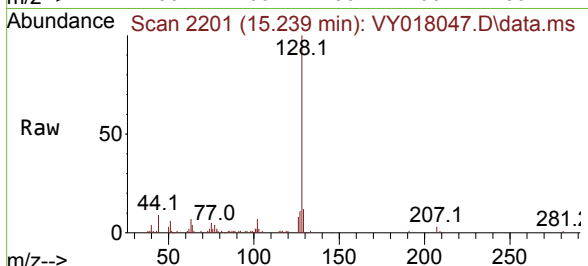
Tgt Ion: 75 Resp: 99950
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#





#95
 Naphthalene
 Concen: 2.942 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY018047.D
 Acq: 25 Apr 2024 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	19624
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	12.4	8.6	13.0

