

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016908.D
 Acq On : 03 Jan 2024 14:03
 Operator : SY/MD
 Sample : P1006-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 04 00:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

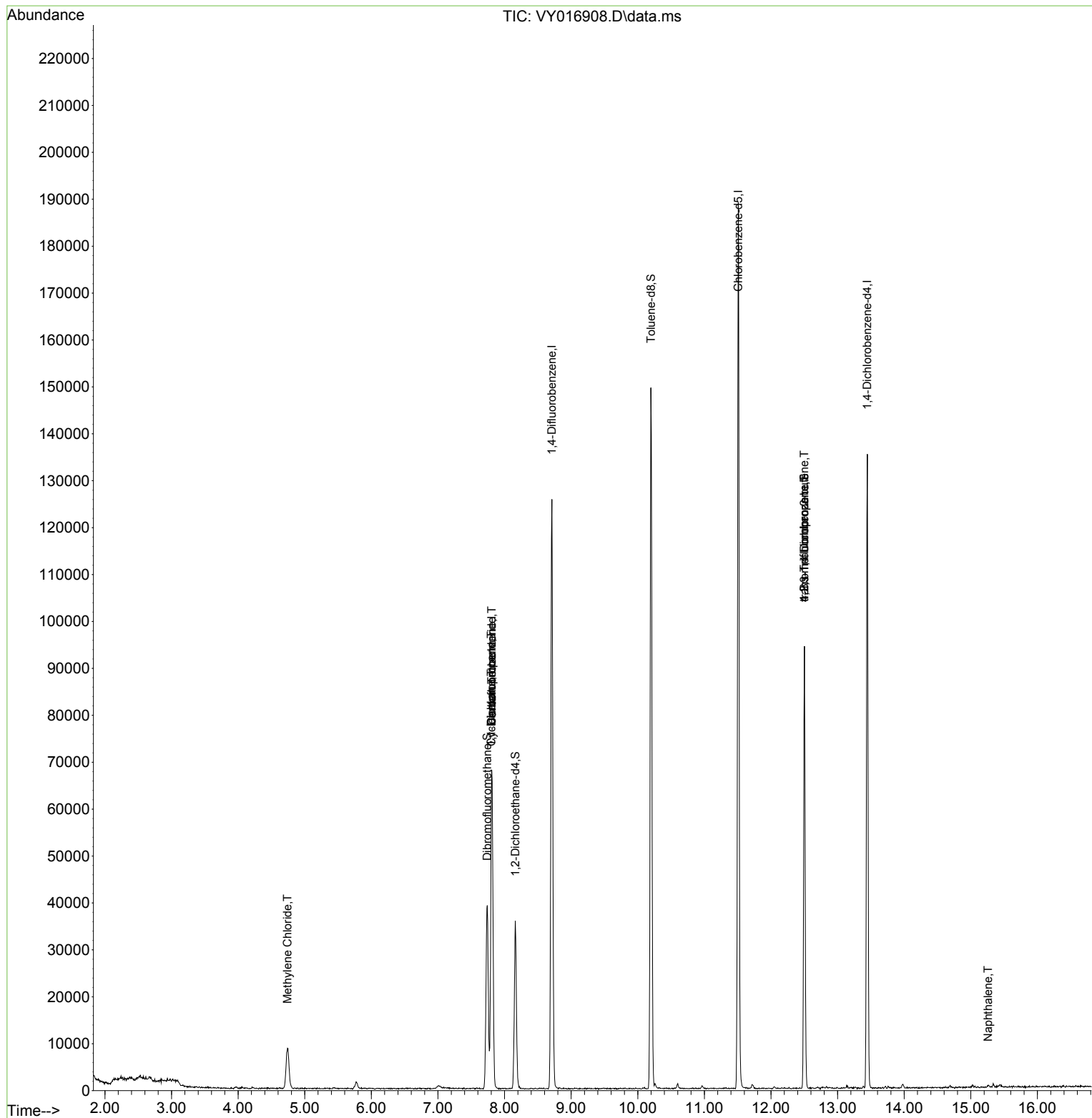
Internal Standards						
1) Pentafluorobenzene	7.807	168	53209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	109214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	101792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	33444	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	27385	52.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.140%	
35) Dibromofluoromethane	7.740	113	29913	42.981	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.960%	
50) Toluene-d8	10.197	98	100464	41.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.840%	
62) 4-Bromofluorobenzene	12.502	95	28373	35.091	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	27	Below Cal	#	75
16) Acetone	3.967	43	519	Below Cal	#	41
20) Methylene Chloride	4.741	84	6682	3.175	ug/l	94
31) Cyclohexane	7.801	56	1263	1.399	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	4524	4.460	ug/l #	49
38) Carbon Tetrachloride	7.807	117	5455	5.294	ug/l #	18
76) 1,2,3-Trichloropropane	12.502	75	14944	41.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	14944	93.501	ug/l #	12
95) Naphthalene	15.257	128	547	1.181	ug/l #	75

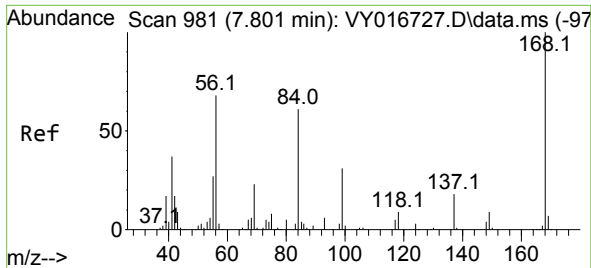
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

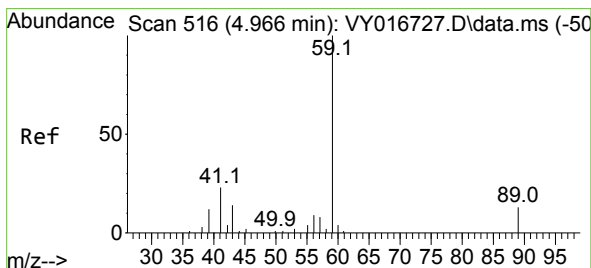
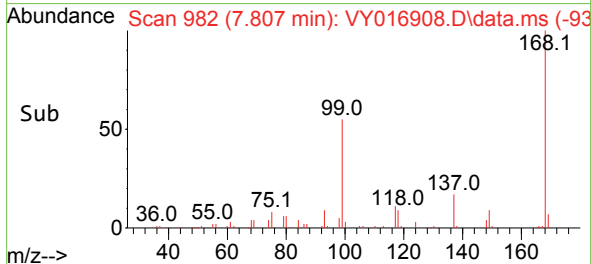
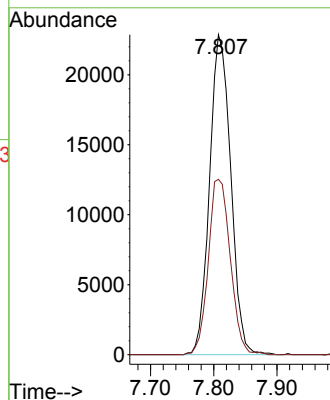
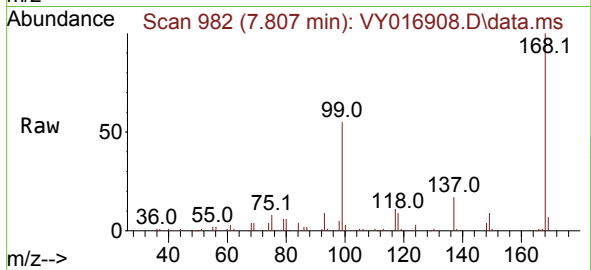




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

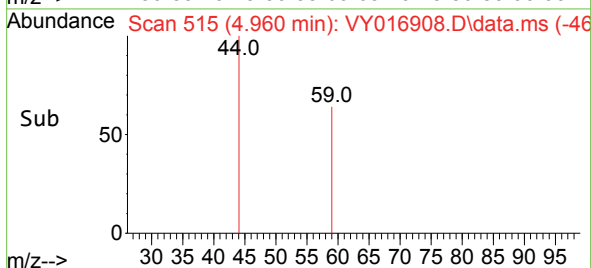
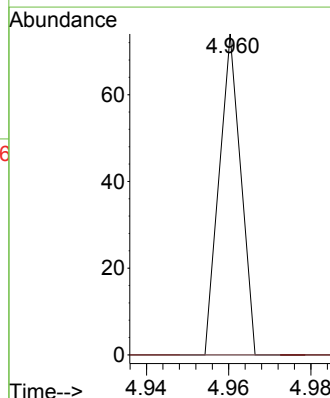
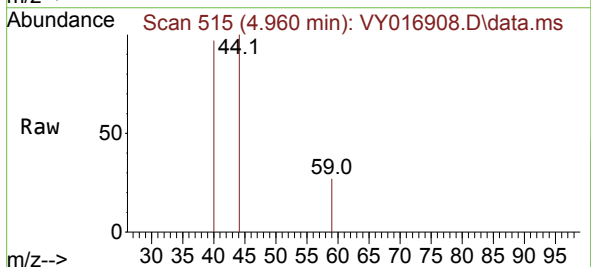
Instrument :
MSVOA_Y
ClientSampleId :

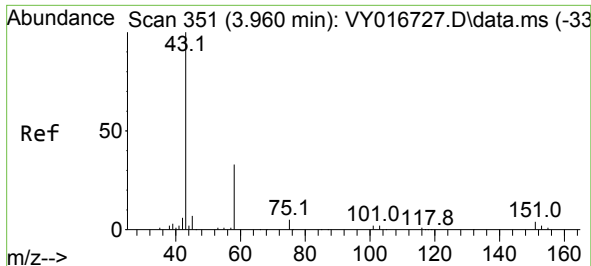
Tgt Ion:168 Resp: 53209
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

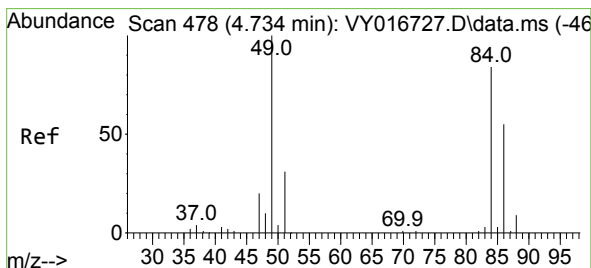
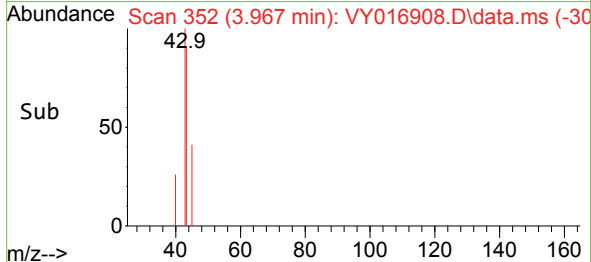
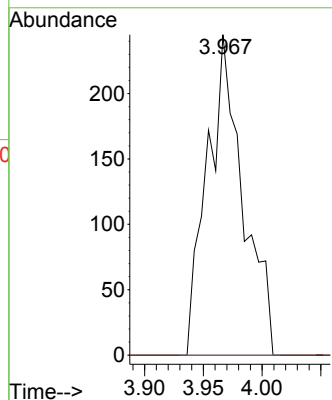
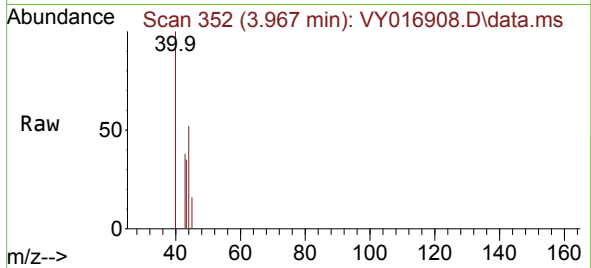




#16
Acetone
Concen: Below Cal
RT: 3.967 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

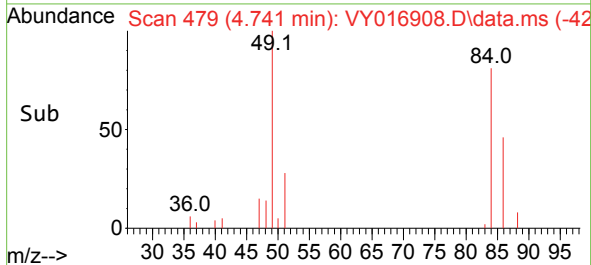
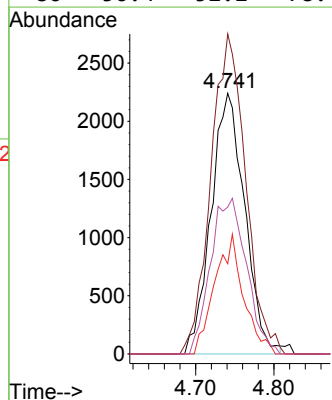
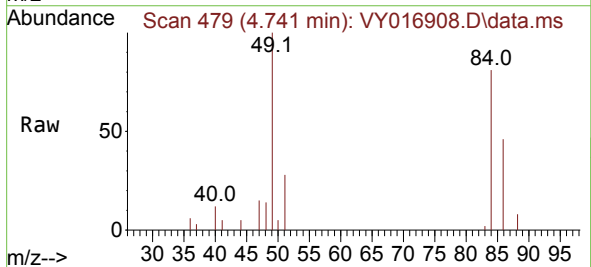
Instrument :
MSVOA_Y
ClientSampleId :

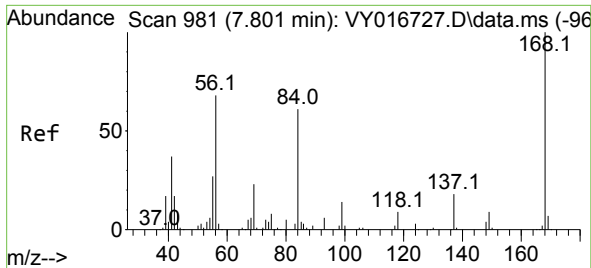
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#20
Methylene Chloride
Concen: 3.175 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

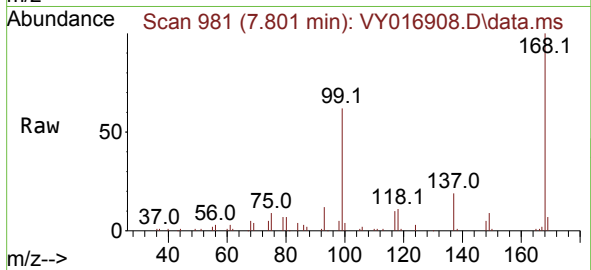
Tgt Ion: 84 Resp: 6682
Ion Ratio Lower Upper
84 100
49 122.8 95.2 142.8
51 34.6 29.9 44.9
86 56.4 52.2 78.4



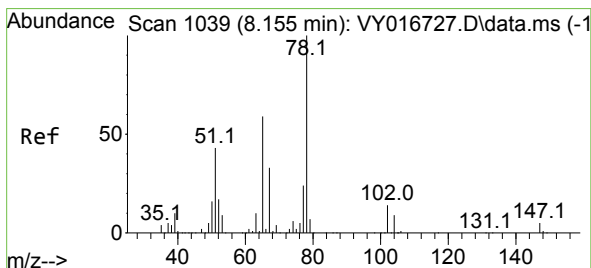
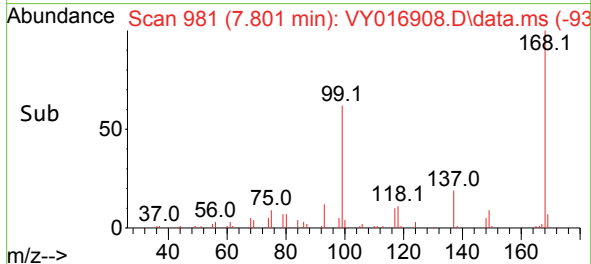
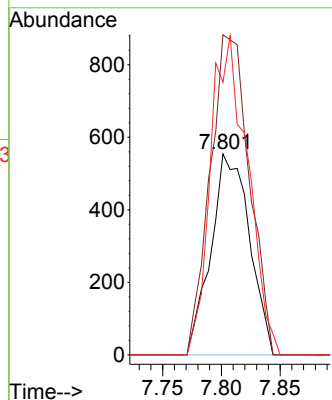


#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

Instrument :
MSVOA_Y
ClientSampleId :

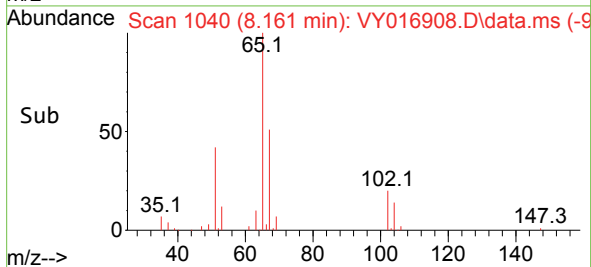
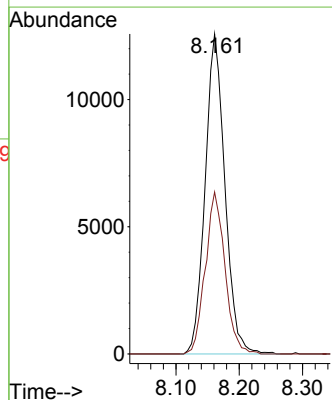
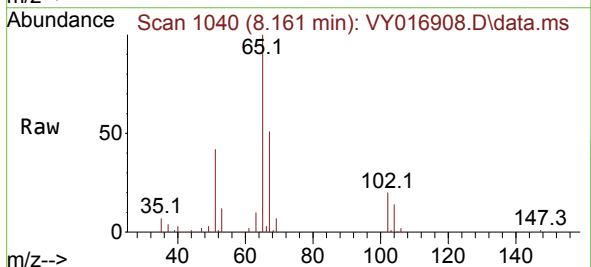


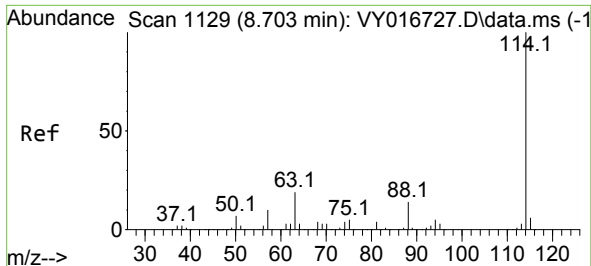
Tgt Ion: 56 Resp: 1263
Ion Ratio Lower Upper
56 100
69 159.4 27.0 40.6#
84 135.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 52.073 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

Tgt Ion: 65 Resp: 27385
Ion Ratio Lower Upper
65 100
67 50.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016908.D

Acq: 03 Jan 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

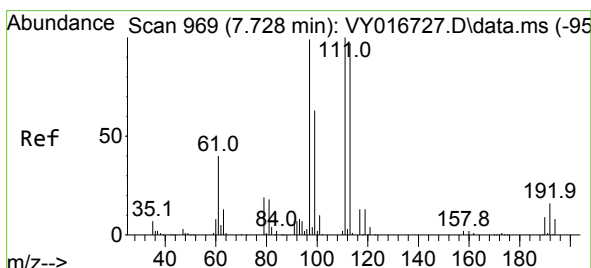
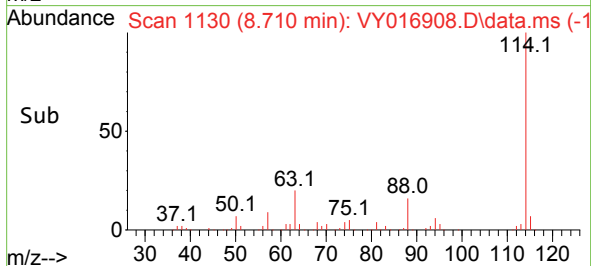
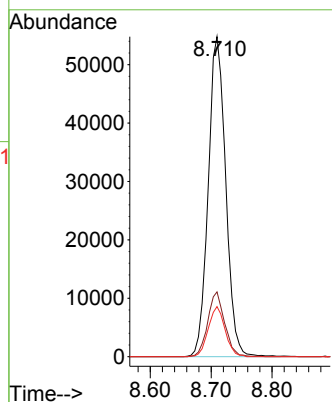
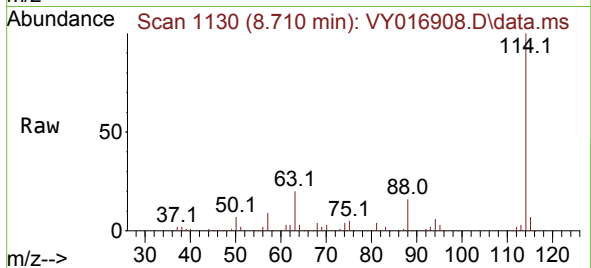
Tgt Ion:114 Resp: 109214

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 42.981 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016908.D

Acq: 03 Jan 2024 14:03

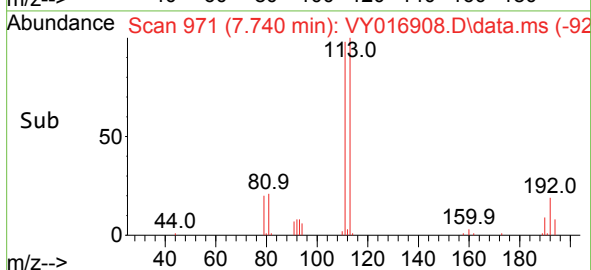
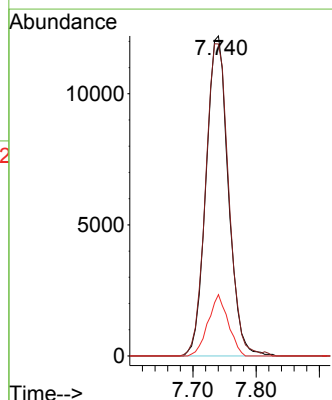
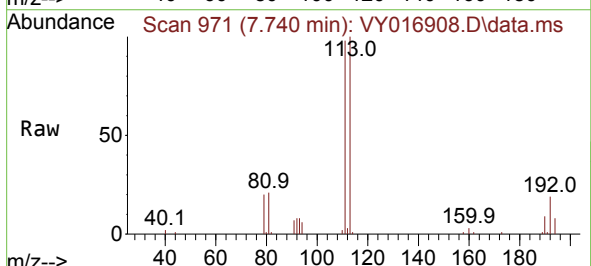
Tgt Ion:113 Resp: 29913

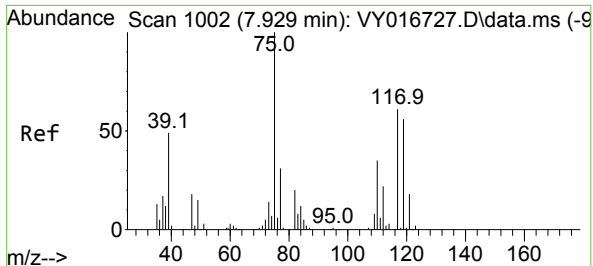
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

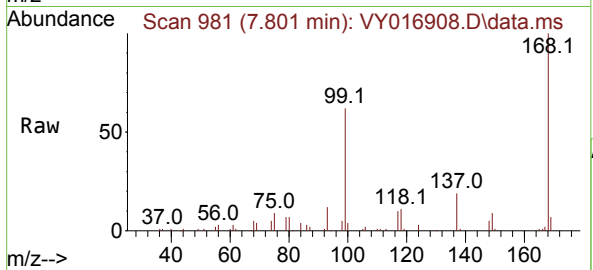
192 17.3 14.5 21.7



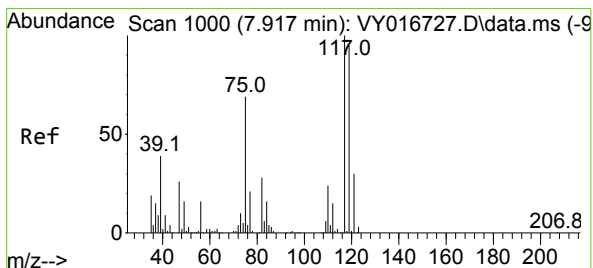
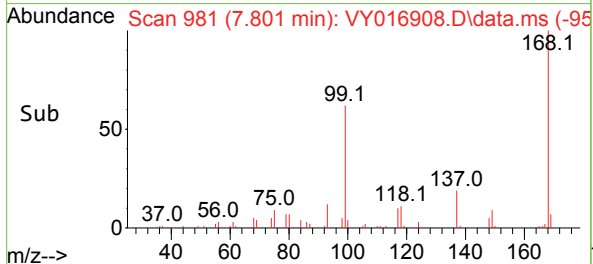
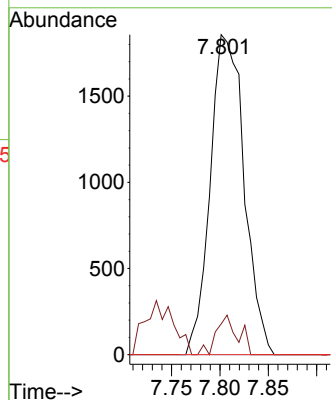


#36
 1,1-Dichloropropene
 Concen: 4.460 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY016908.D
 Acq: 03 Jan 2024 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :

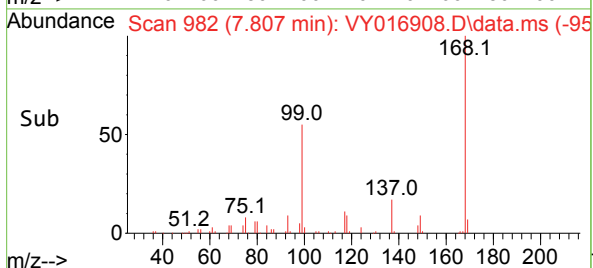
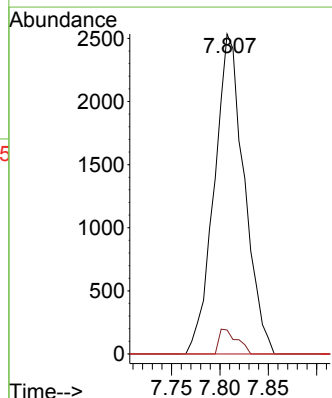
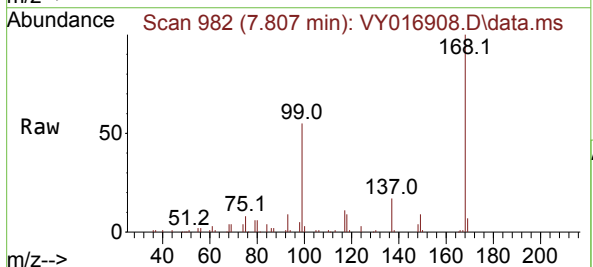


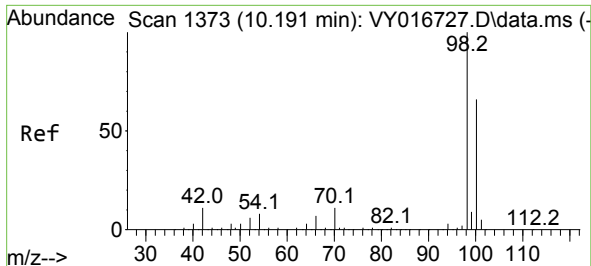
Tgt Ion: 75 Resp: 4524
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.294 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY016908.D
 Acq: 03 Jan 2024 14:03

Tgt Ion: 117 Resp: 5455
 Ion Ratio Lower Upper
 117 100
 119 7.5 76.0 114.0#
 121 0.0 24.2 36.2#

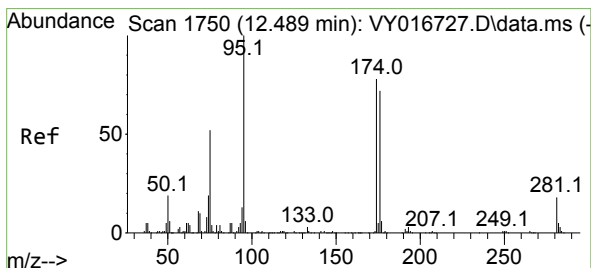
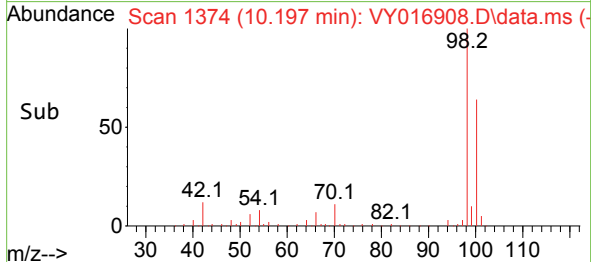
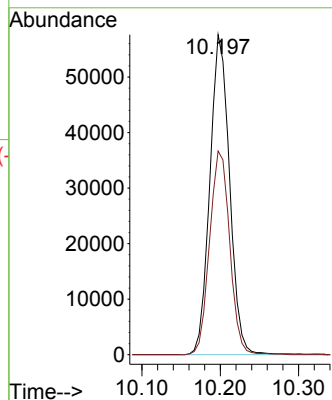
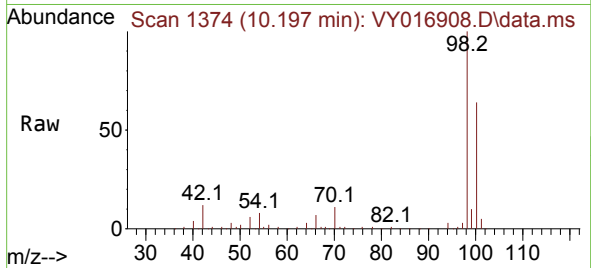




#50
Toluene-d8
Concen: 41.921 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

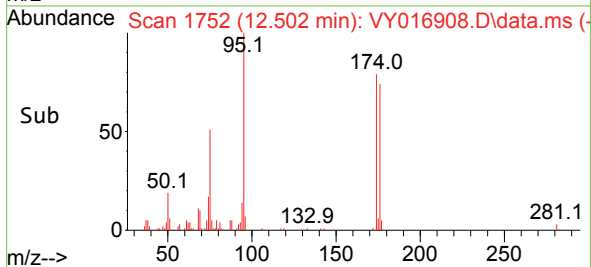
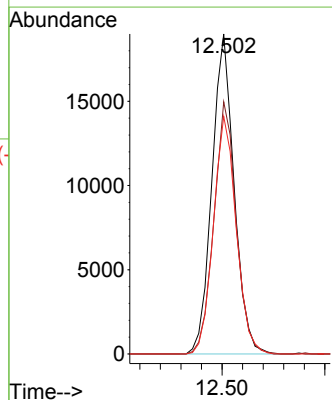
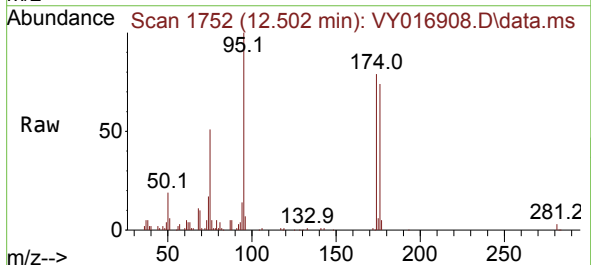
Instrument :
MSVOA_Y
ClientSampleId :

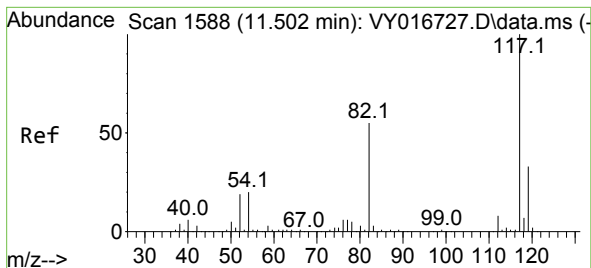
Tgt Ion: 98 Resp: 100464
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.091 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

Tgt Ion: 95 Resp: 28373
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 76.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016908.D

Acq: 03 Jan 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

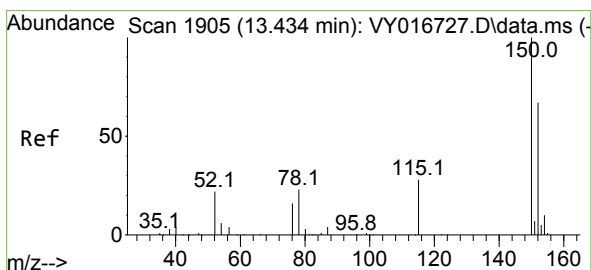
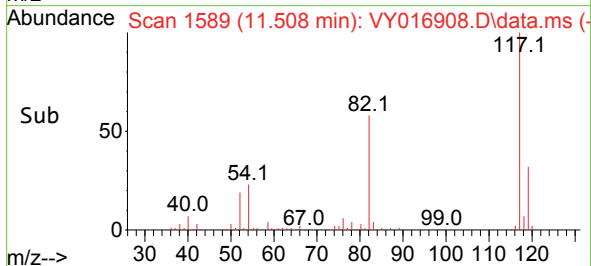
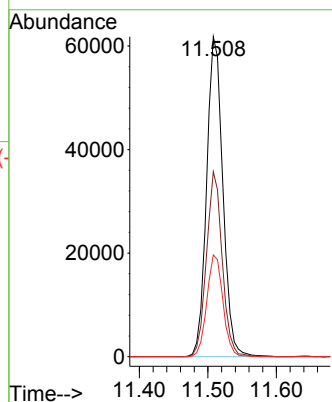
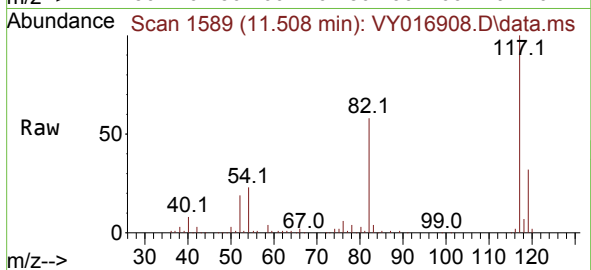
Tgt Ion:117 Resp: 101792

Ion Ratio Lower Upper

117 100

82 57.8 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016908.D

Acq: 03 Jan 2024 14:03

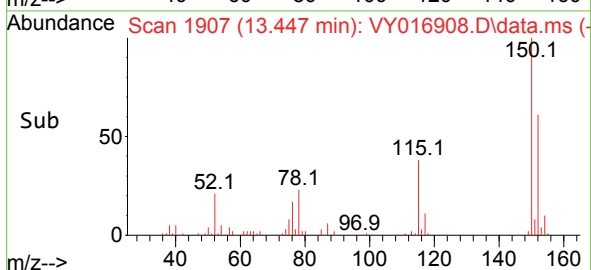
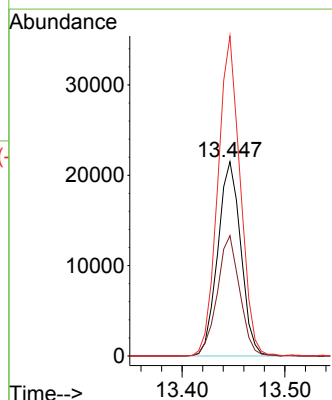
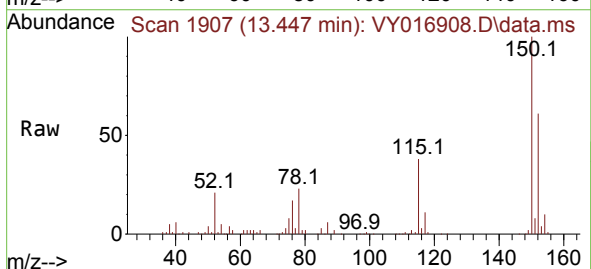
Tgt Ion:152 Resp: 33444

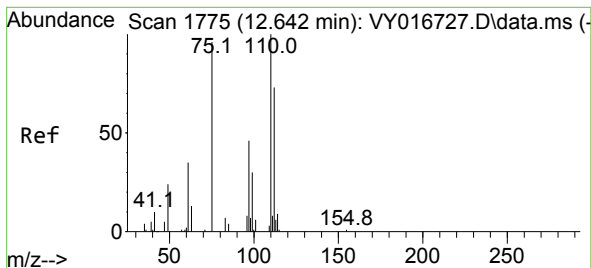
Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 160.0 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 41.176 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY016908.D

Acq: 03 Jan 2024 14:03

Instrument :

MSVOA_Y

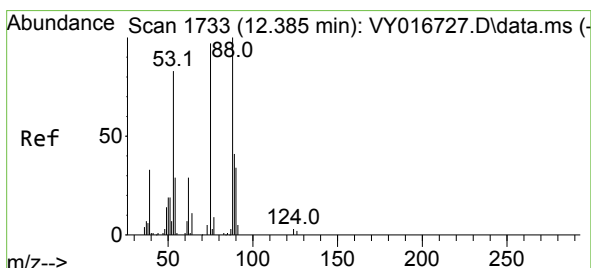
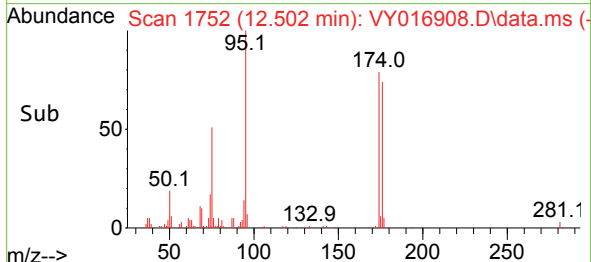
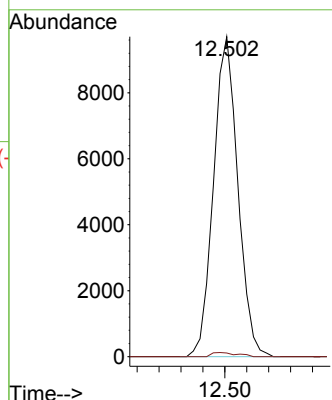
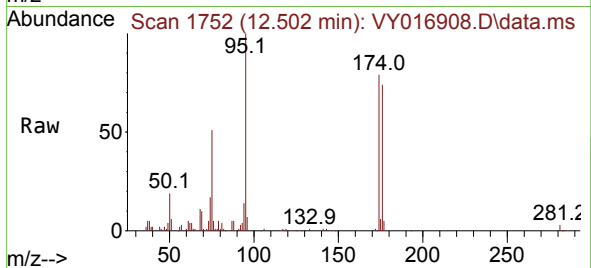
ClientSampleId :

Tgt Ion: 75 Resp: 14944

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.501 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.117 min

Lab File: VY016908.D

Acq: 03 Jan 2024 14:03

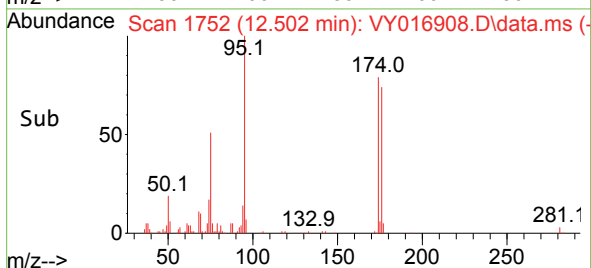
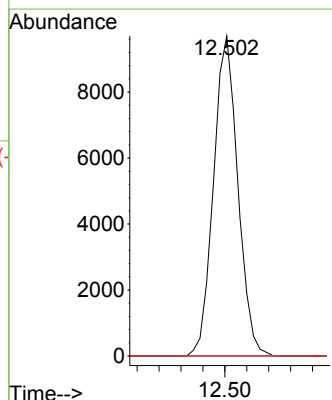
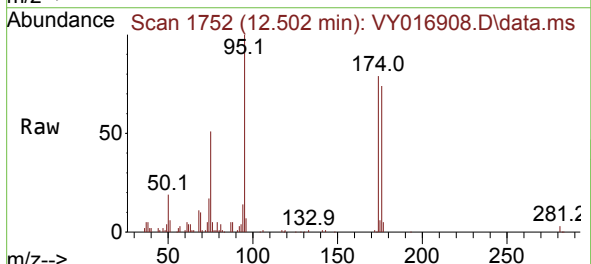
Tgt Ion: 75 Resp: 14944

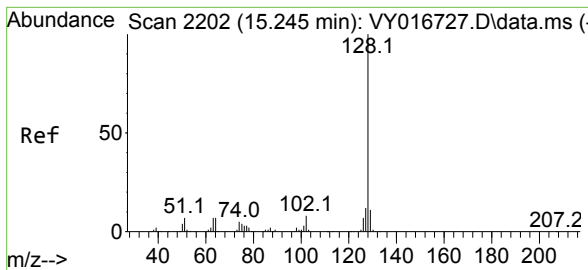
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

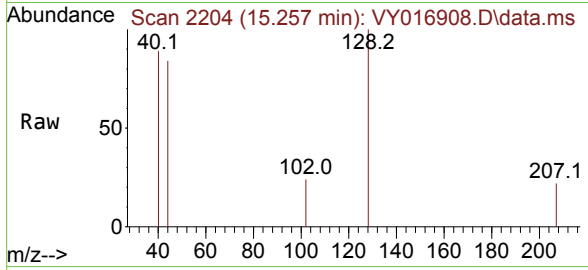
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 1.181 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY016908.D
 Acq: 03 Jan 2024 14:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	547
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	4.8	8.6	12.8#

