

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016851.D
 Acq On : 26 Dec 2023 14:32
 Operator : SY/MD
 Sample : 06018-01
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:34:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

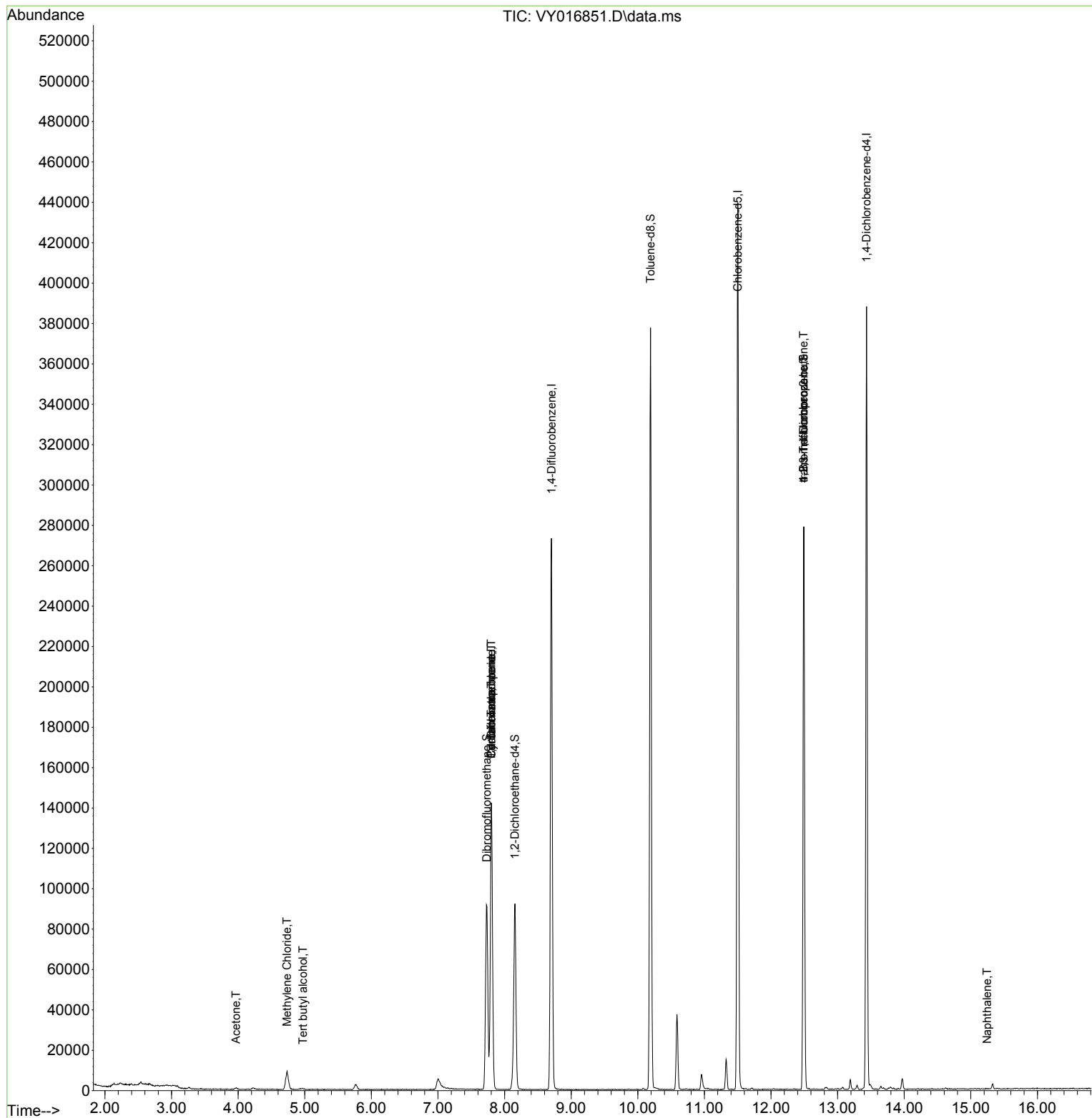
Internal Standards						
1) Pentafluorobenzene	7.801	168	106055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	230056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	235445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67784	70.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.020%	
35) Dibromofluoromethane	7.734	113	67614	51.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.191	98	244924	51.557	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	12.489	95	83013	53.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	861	10.846	ug/l #	75
16) Acetone	3.966	43	1272	4.859	ug/l	92
20) Methylene Chloride	4.735	84	6427	1.988	ug/l	94
31) Cyclohexane	7.801	56	2418	1.304	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9570	4.530	ug/l #	49
38) Carbon Tetrachloride	7.801	117	10843	5.187	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	43688	42.347	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	43688	99.450	ug/l #	12
95) Naphthalene	15.245	128	208	3.658	ug/l #	69

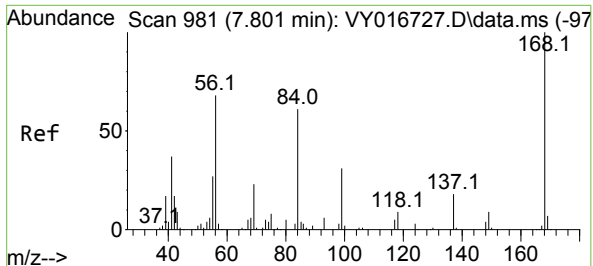
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

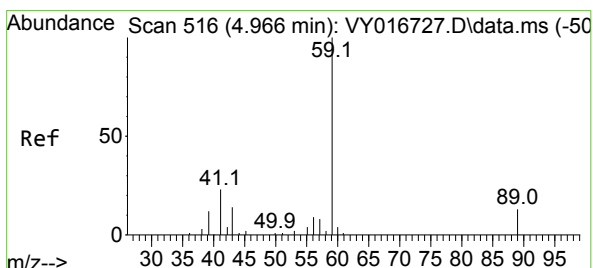
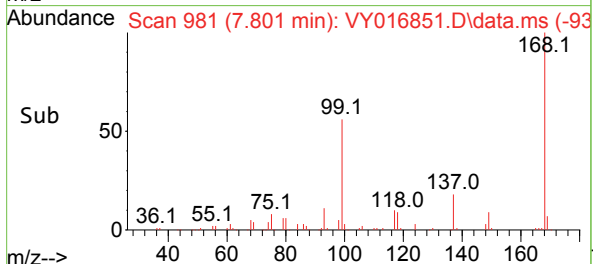
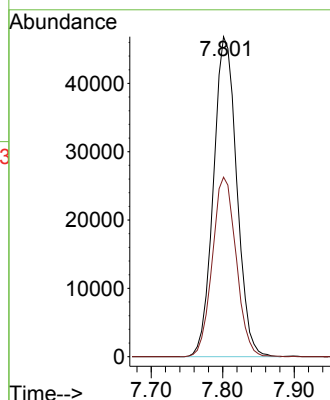
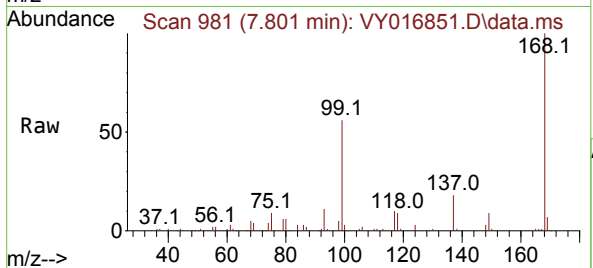




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

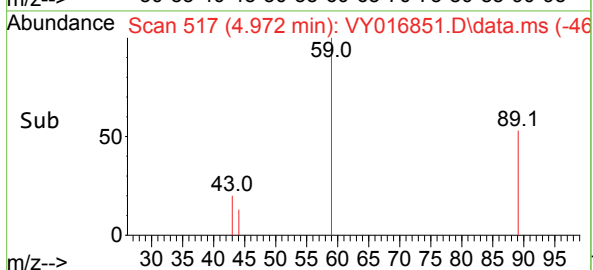
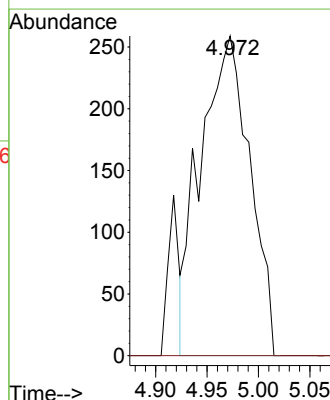
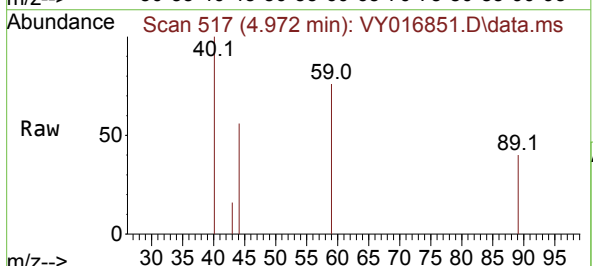
Instrument :
MSVOA_Y
ClientSampleId :

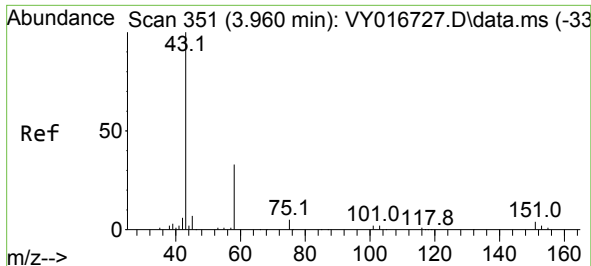
Tgt Ion:168 Resp: 106055
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 10.846 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

Tgt Ion: 59 Resp: 861
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

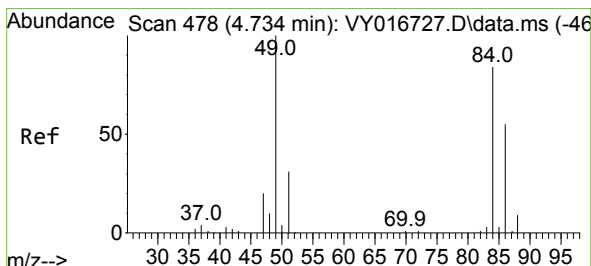
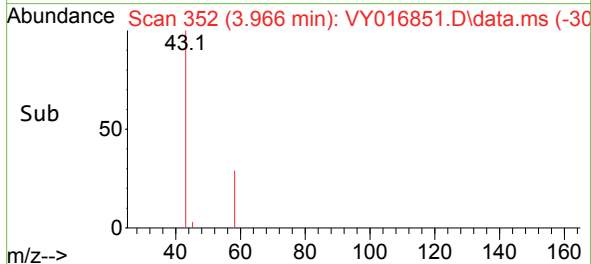
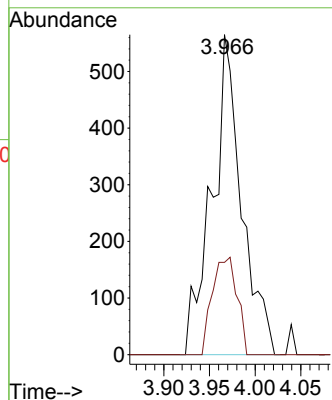
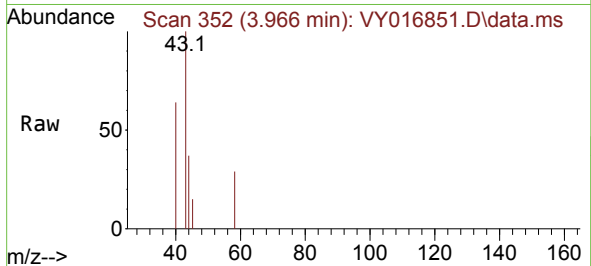




#16
Acetone
Concen: 4.859 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

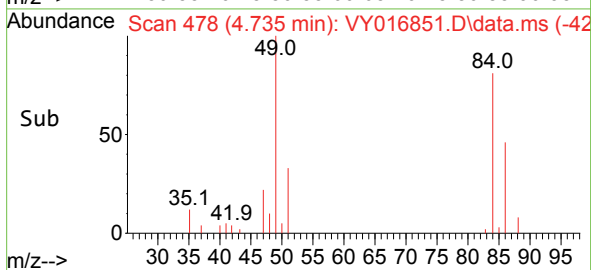
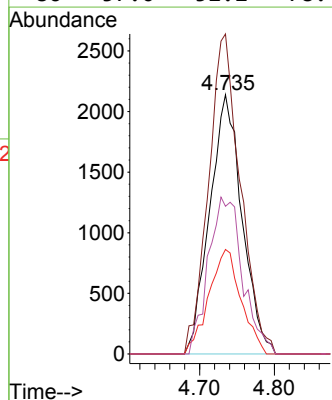
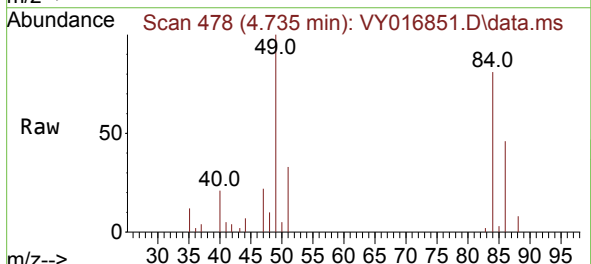
Instrument :
MSVOA_Y
ClientSampleId :

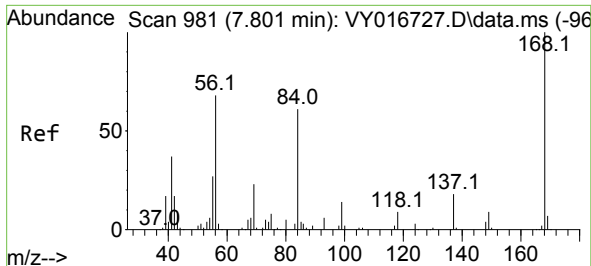
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 28.8 26.6 39.8



#20
Methylene Chloride
Concen: 1.988 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

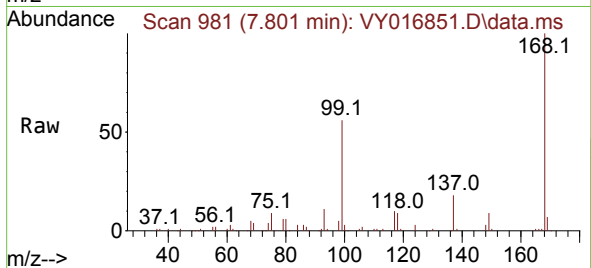
Tgt Ion: 84 Resp: 6427
Ion Ratio Lower Upper
84 100
49 123.5 95.2 142.8
51 40.3 29.9 44.9
86 57.0 52.2 78.4



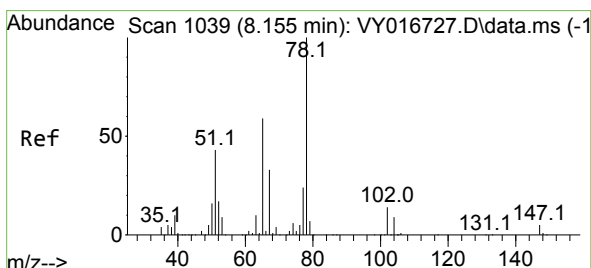
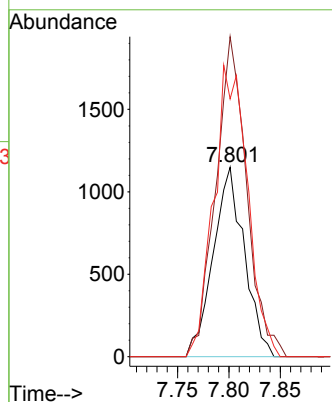
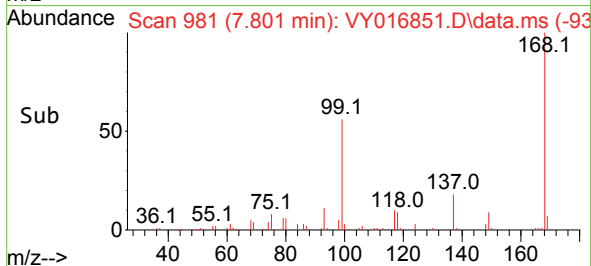


#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

Instrument :
MSVOA_Y
ClientSampleId :

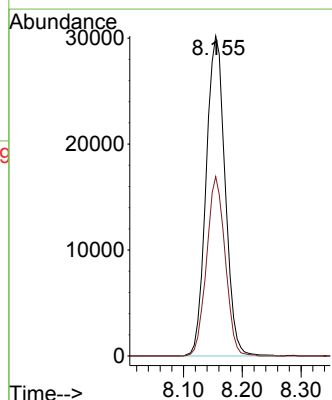
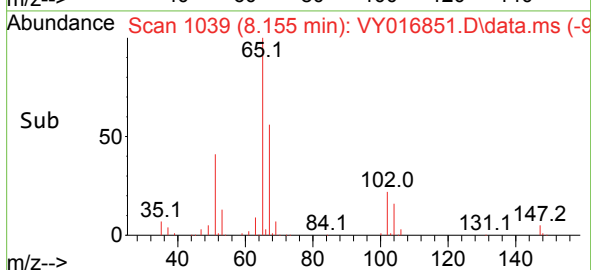
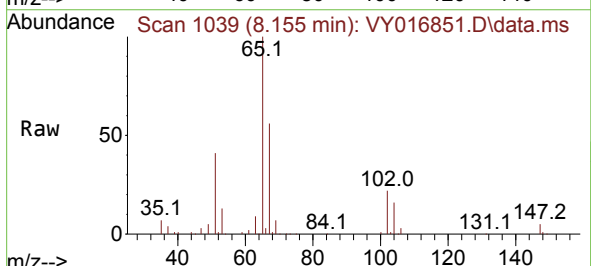


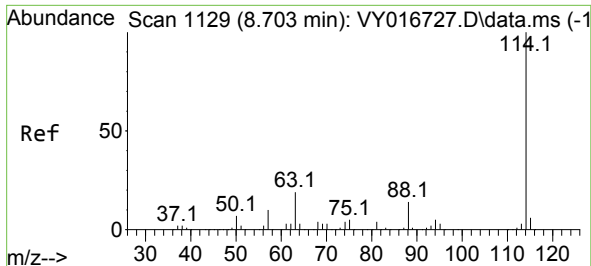
Tgt Ion: 56 Resp: 2418
Ion Ratio Lower Upper
56 100
69 168.9 27.0 40.6#
84 136.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 70.013 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

Tgt Ion: 65 Resp: 67784
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016851.D

Acq: 26 Dec 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

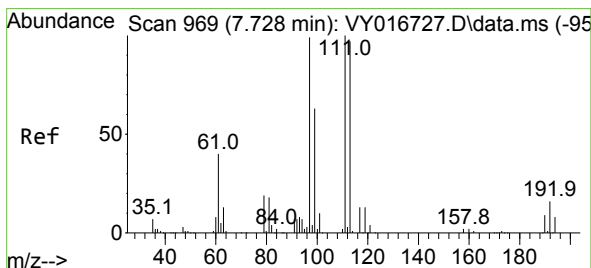
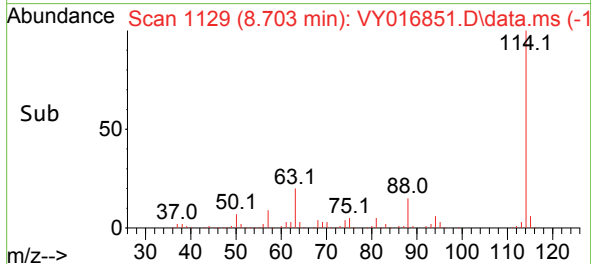
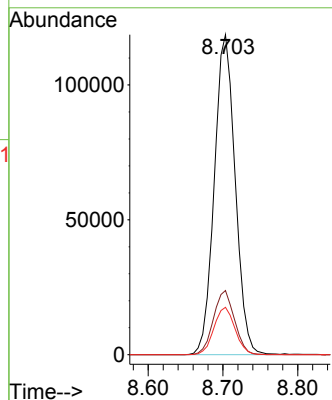
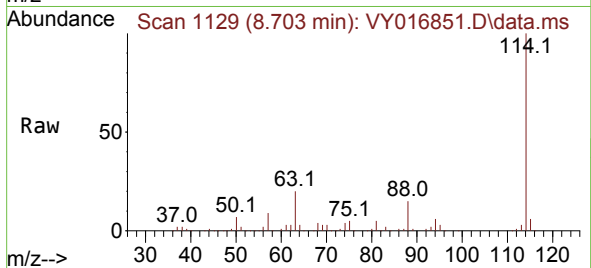
Tgt Ion:114 Resp: 230056

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.308 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016851.D

Acq: 26 Dec 2023 14:32

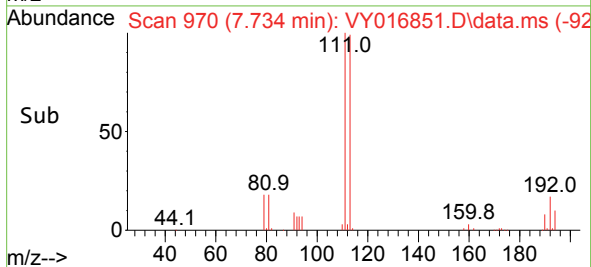
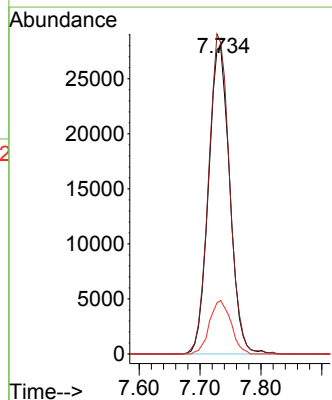
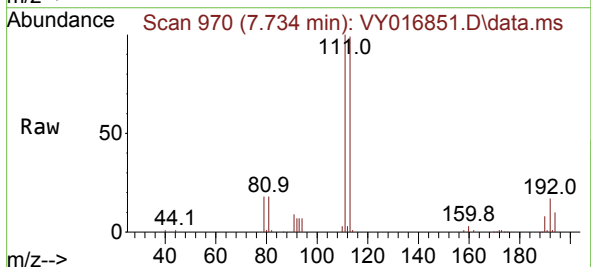
Tgt Ion:113 Resp: 67614

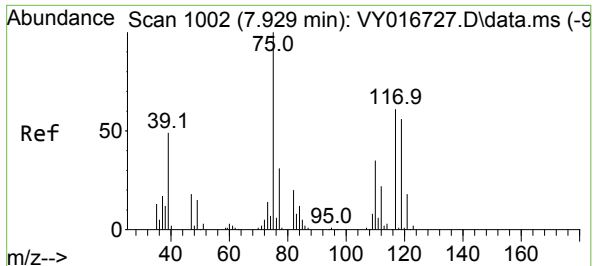
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.530 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

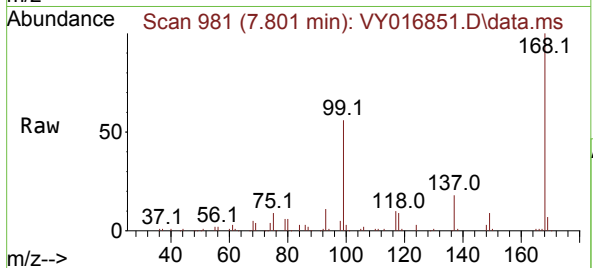
Lab File: VY016851.D

Acq: 26 Dec 2023 14:32

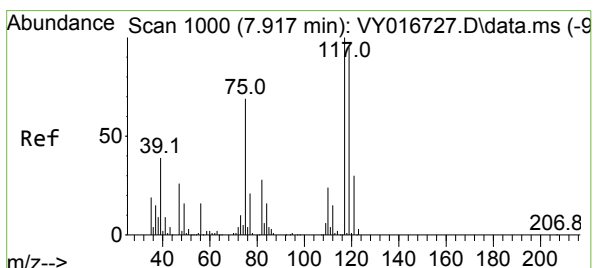
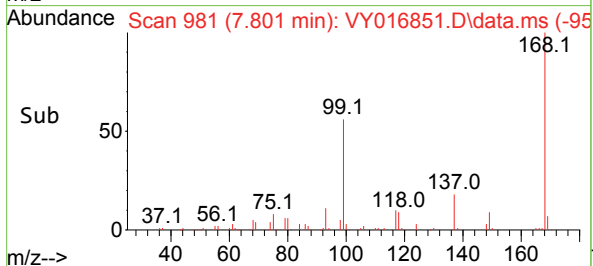
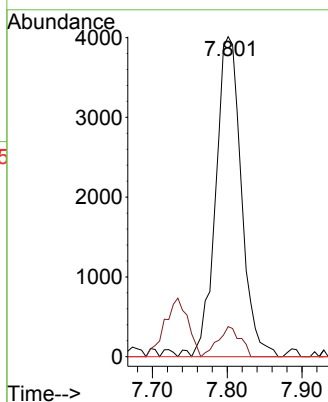
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9570
Ion Ratio	Lower Upper
75	100
110	8.2 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.187 ug/l

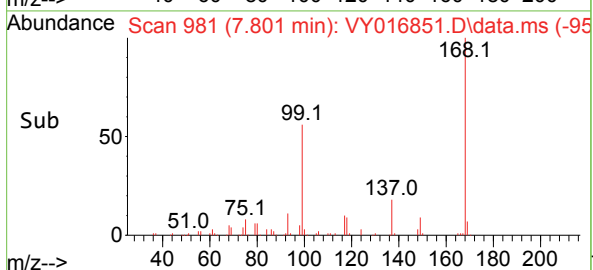
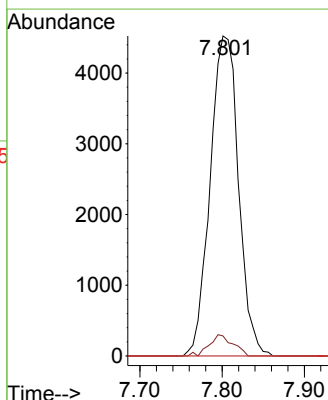
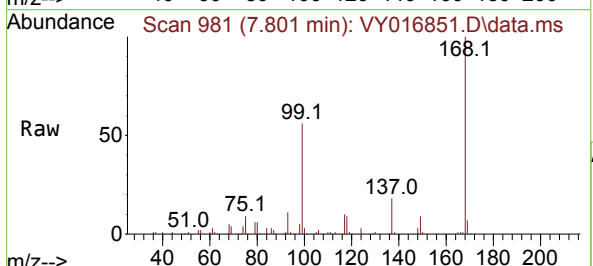
RT: 7.801 min Scan# 981

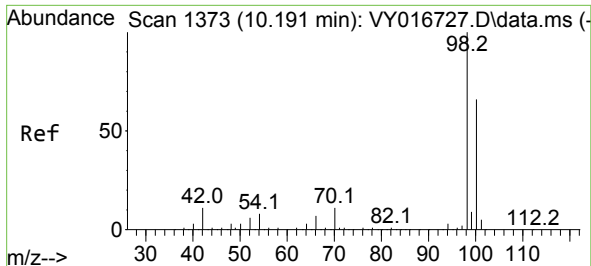
Delta R.T. -0.116 min

Lab File: VY016851.D

Acq: 26 Dec 2023 14:32

Tgt Ion: 117	Resp: 10843
Ion Ratio	Lower Upper
117	100
119	6.2 76.0 114.0#
121	0.0 24.2 36.2#

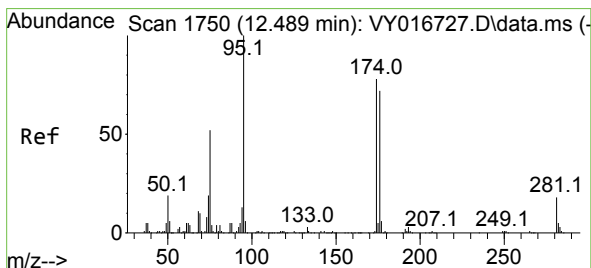
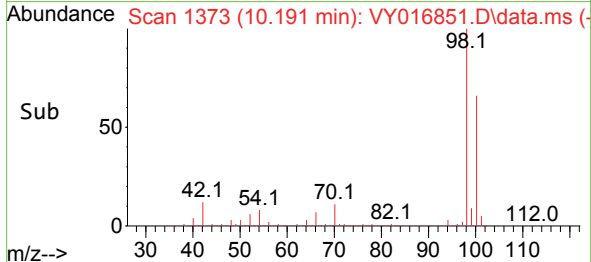
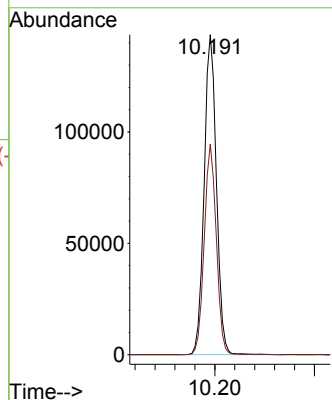
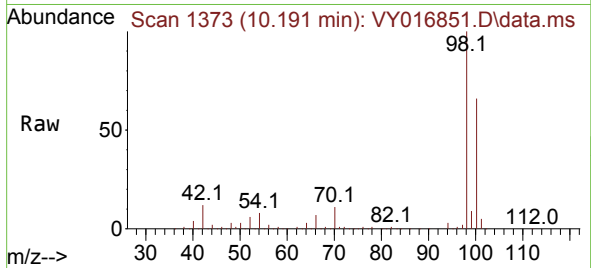




#50
Toluene-d8
Concen: 51.557 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

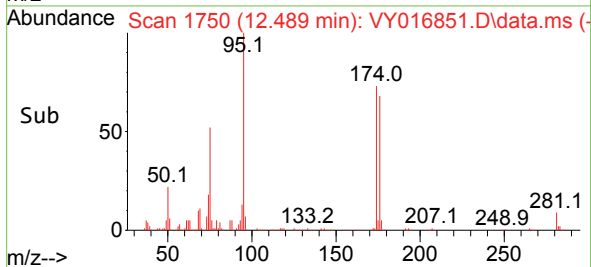
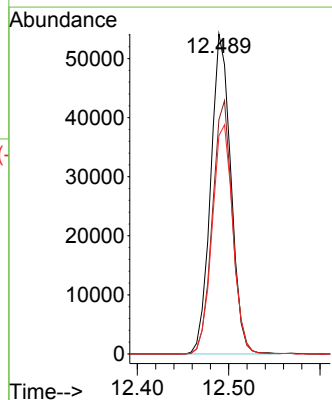
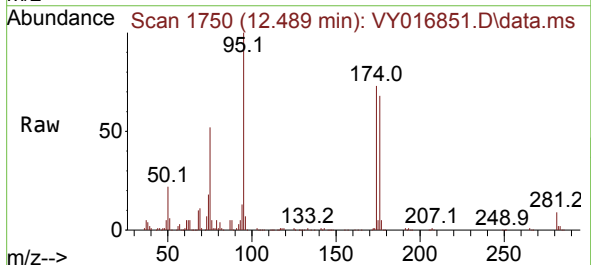
Instrument :
MSVOA_Y
ClientSampleId :

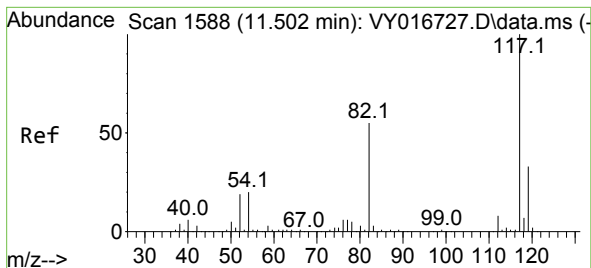
Tgt Ion: 98 Resp: 244924
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 53.861 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

Tgt Ion: 95 Resp: 83013
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 73.8 0.0 151.8

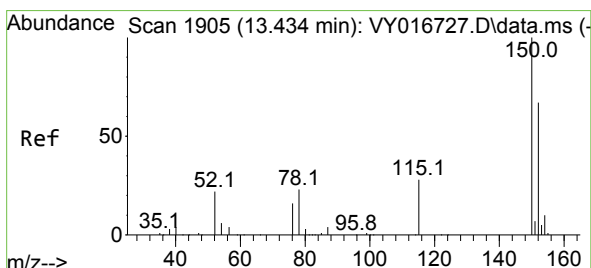
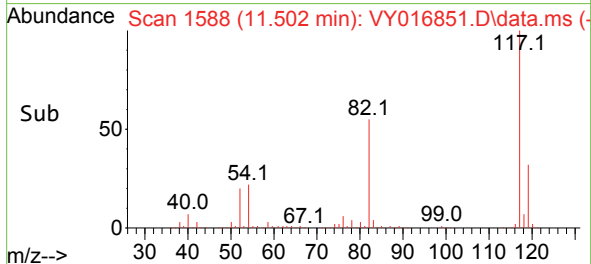
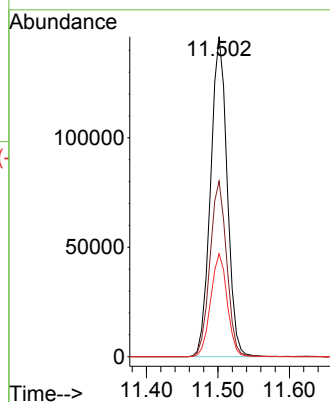
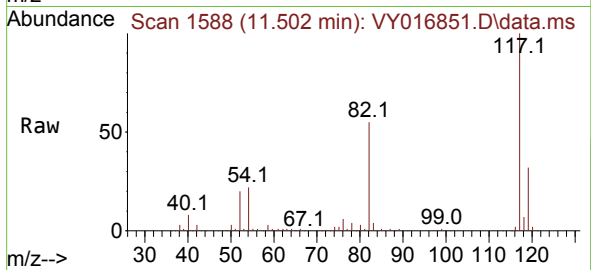




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

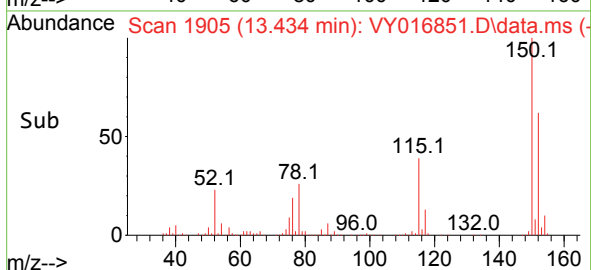
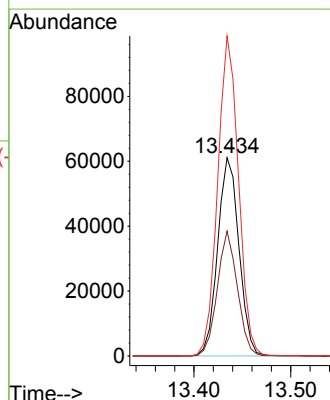
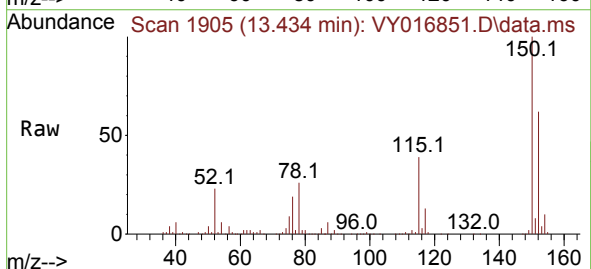
Instrument :
MSVOA_Y
ClientSampleId :

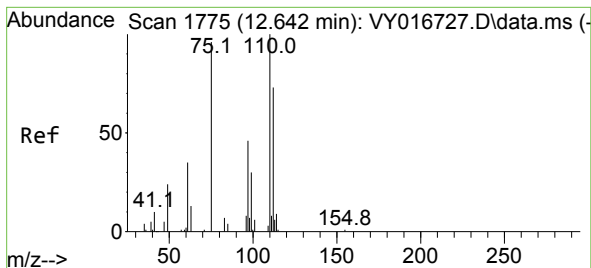
Tgt Ion:117 Resp: 235445
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016851.D
Acq: 26 Dec 2023 14:32

Tgt Ion:152 Resp: 93325
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 157.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 42.347 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016851.D

Acq: 26 Dec 2023 14:32

Instrument :

MSVOA_Y

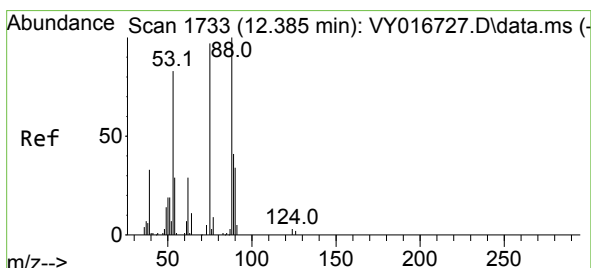
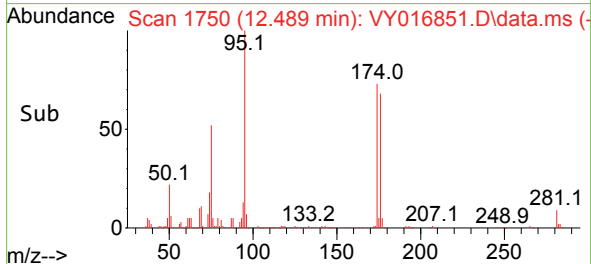
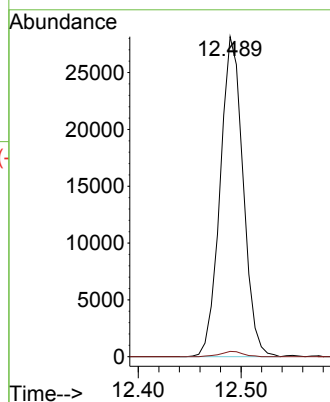
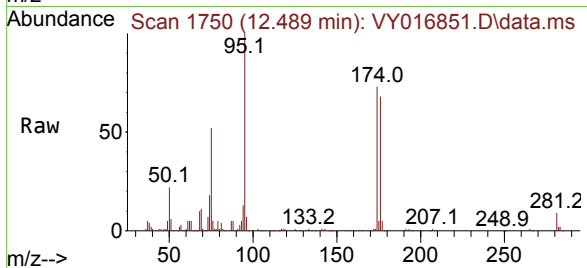
ClientSampleId :

Tgt Ion: 75 Resp: 43688

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.450 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016851.D

Acq: 26 Dec 2023 14:32

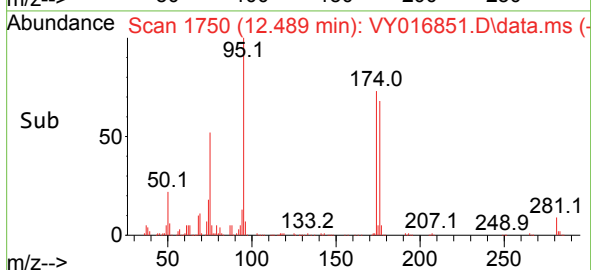
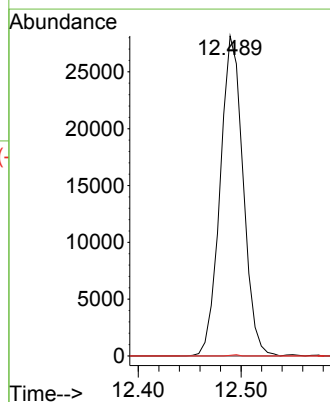
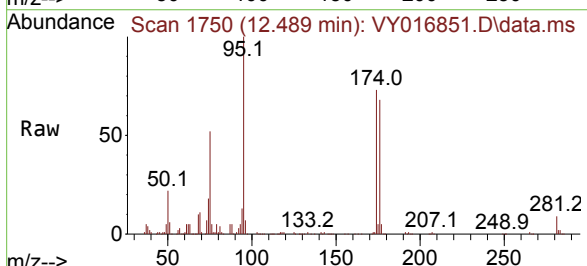
Tgt Ion: 75 Resp: 43688

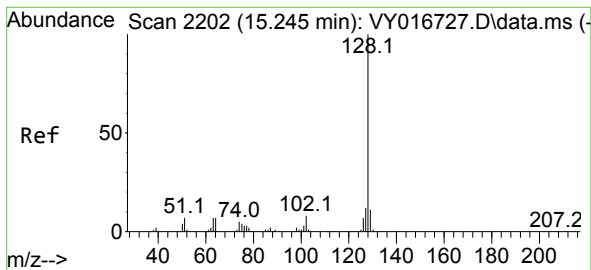
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

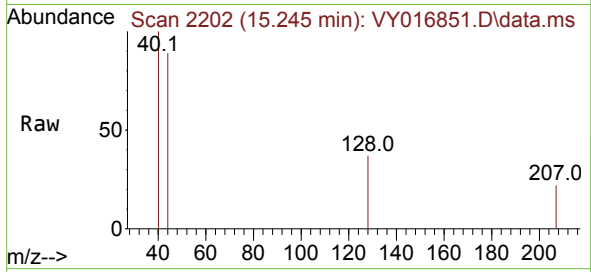
89 0.1 36.5 54.7#





#95
 Naphthalene
 Concen: 3.658 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016851.D
 Acq: 26 Dec 2023 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:128 Resp: 208
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 8.6 12.8#

