

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017711.D
 Acq On : 19 Mar 2024 16:56
 Operator : SY/MD
 Sample : P1791-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-03182024

Quant Time: Mar 20 03:03:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

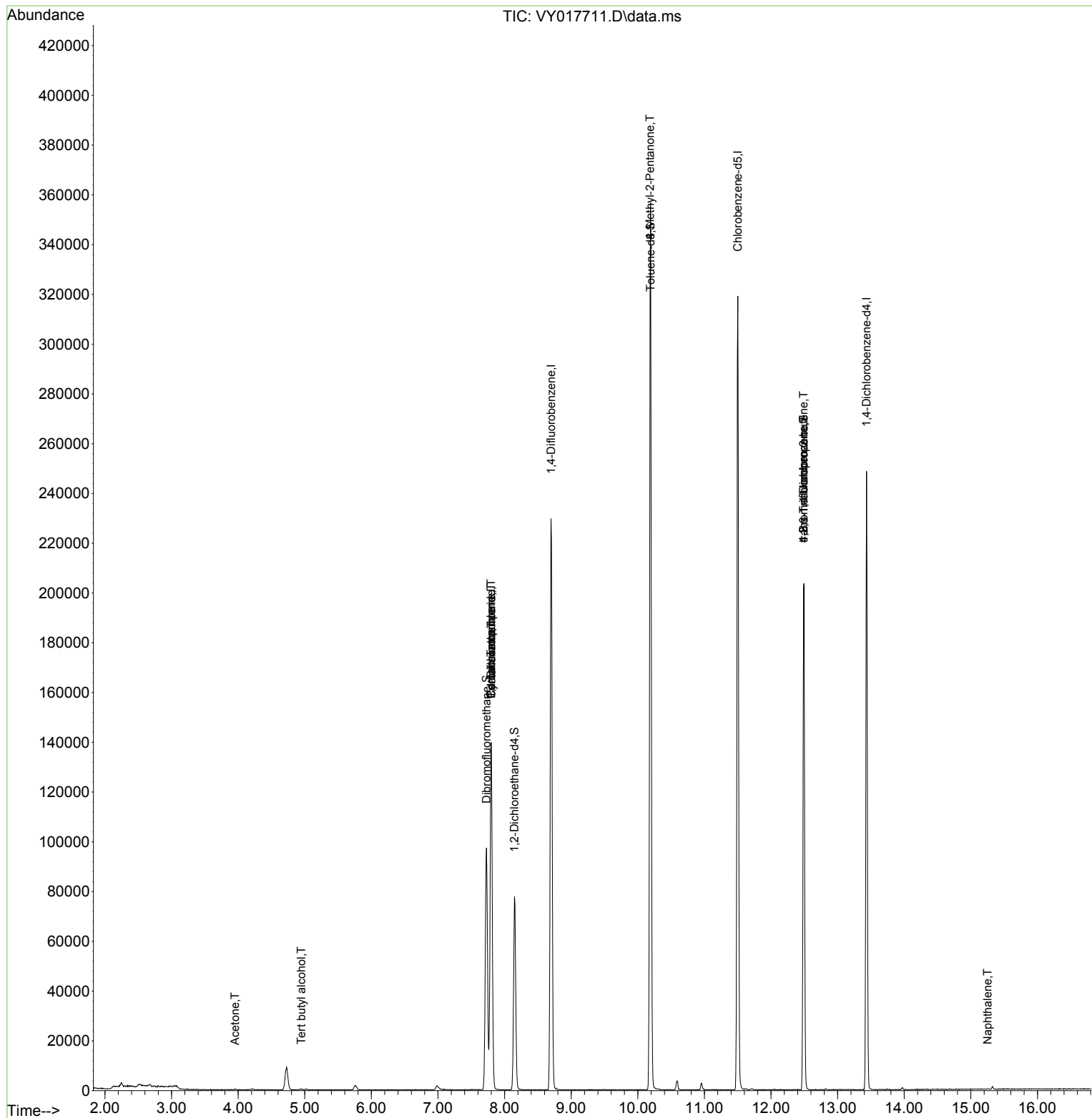
Internal Standards						
1) Pentafluorobenzene	7.801	168	118108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	189312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57667	51.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.040%	
35) Dibromofluoromethane	7.728	113	70328	46.884	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.760%	
50) Toluene-d8	10.191	98	243558	46.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.880%	
62) 4-Bromofluorobenzene	12.489	95	63682	38.635	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	342	3.597	ug/l #	88
16) Acetone	3.954	43	413	1.902	ug/l #	36
31) Cyclohexane	7.801	56	1937	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8091	3.998	ug/l #	48
38) Carbon Tetrachloride	7.795	117	10836	5.342	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	847	1.082	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	31404	49.284	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	31404	113.244	ug/l #	16
95) Naphthalene	15.251	128	154	3.982	ug/l #	69

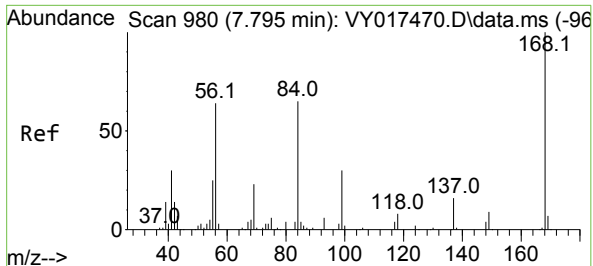
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 24 04:41:20 2024
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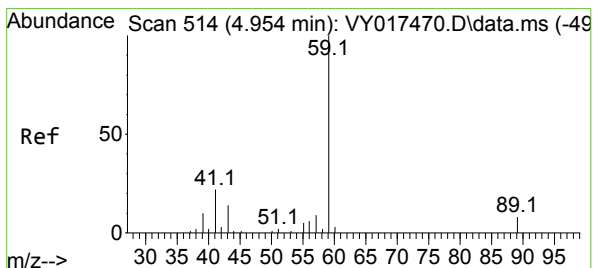
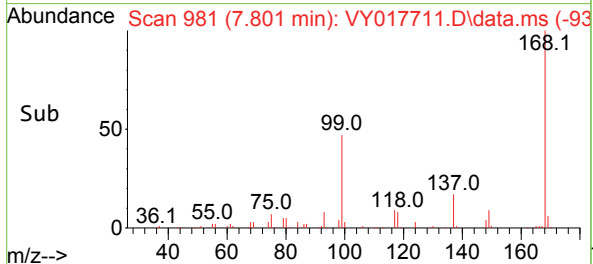
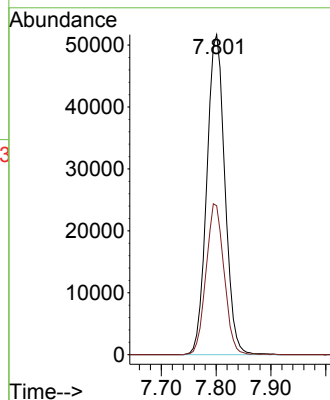
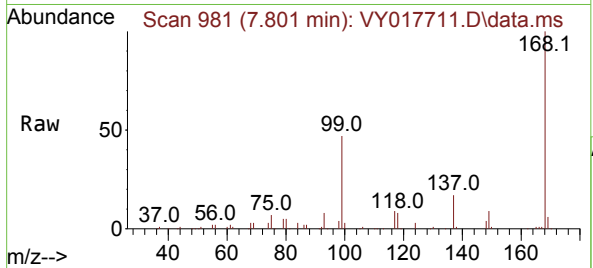




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

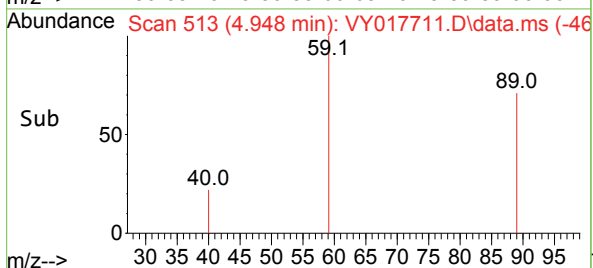
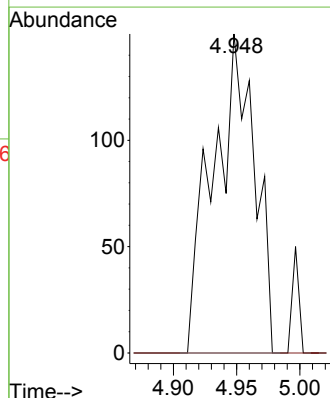
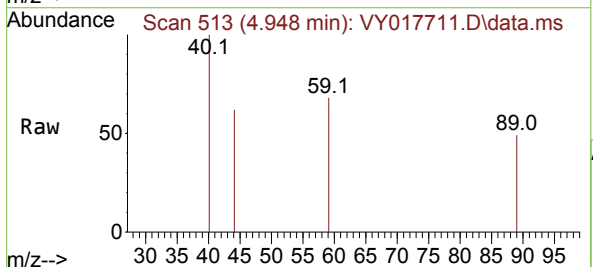
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-03182024

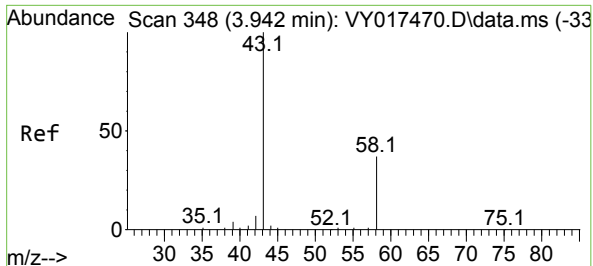
Tgt Ion:168 Resp: 118108
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.597 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

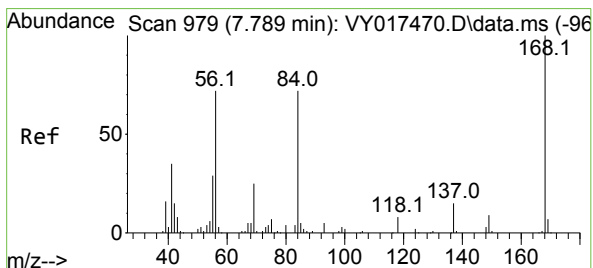
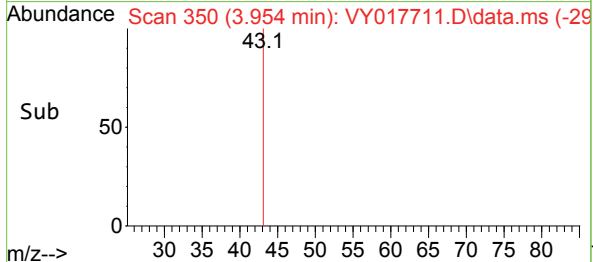
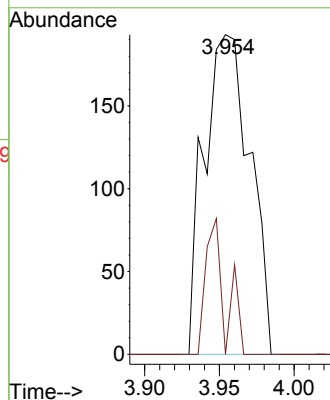
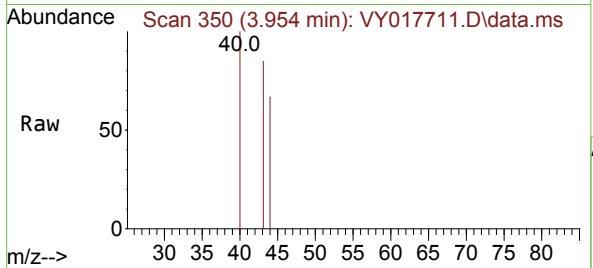




#16
Acetone
Concen: 1.902 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

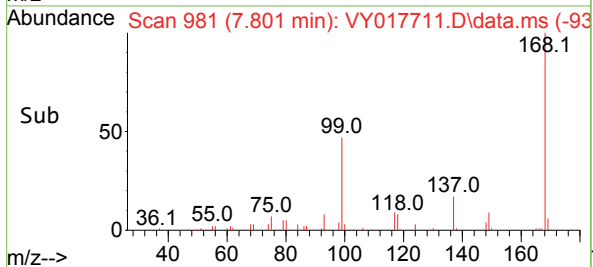
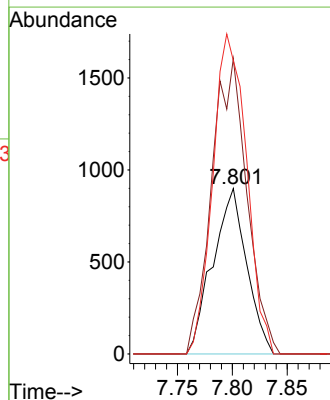
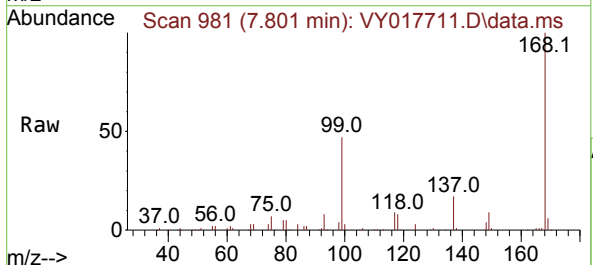
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-03182024

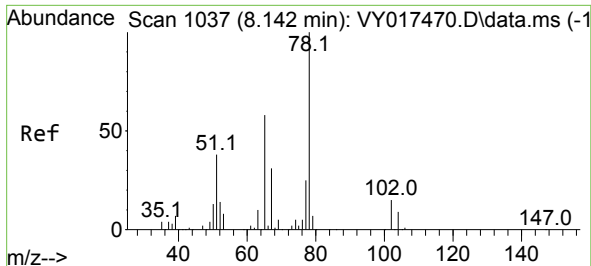
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Tgt Ion: 56 Resp: 1937
Ion Ratio Lower Upper
56 100
69 178.5 28.7 43.1#
84 177.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.518 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017711.D

Acq: 19 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

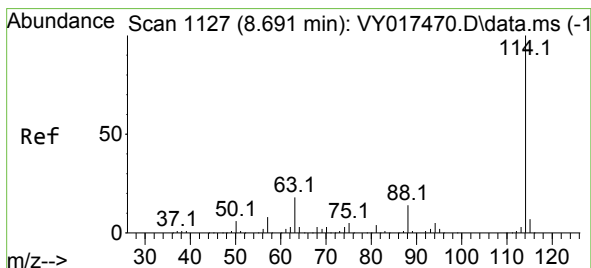
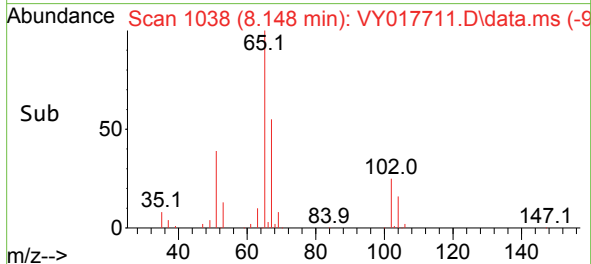
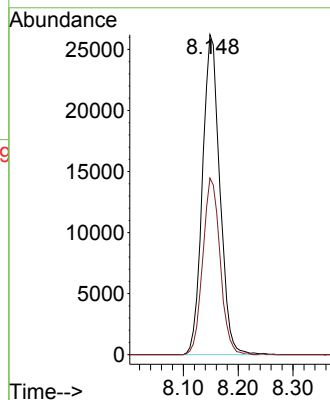
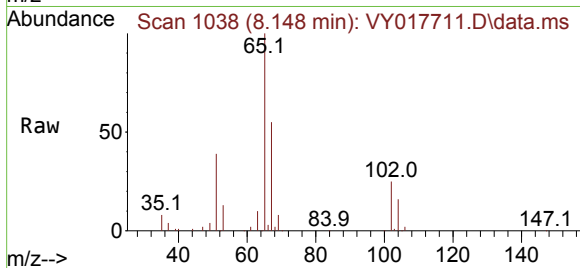
SU-04-03182024

Tgt Ion: 65 Resp: 57667

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017711.D

Acq: 19 Mar 2024 16:56

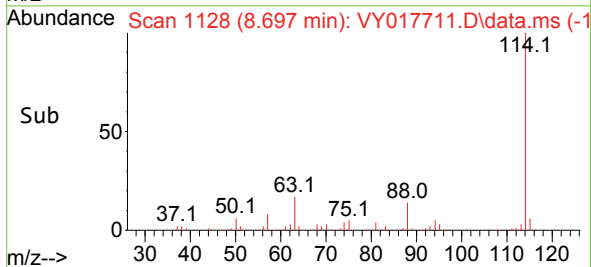
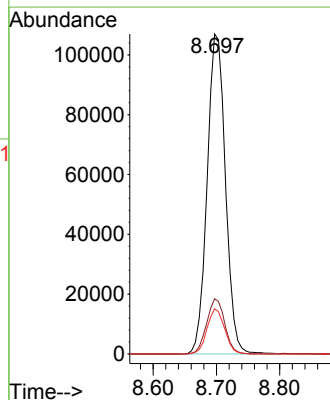
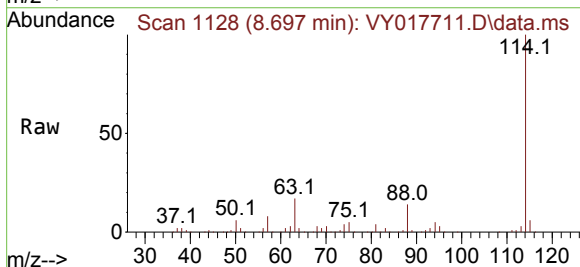
Tgt Ion: 114 Resp: 215268

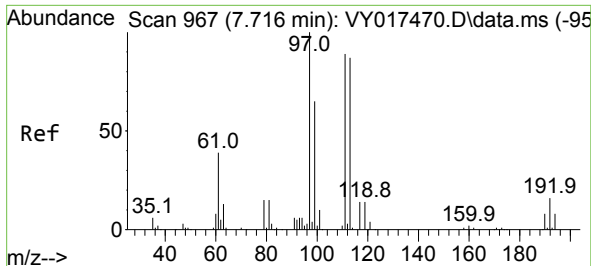
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.884 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY017711.D

Acq: 19 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-03182024

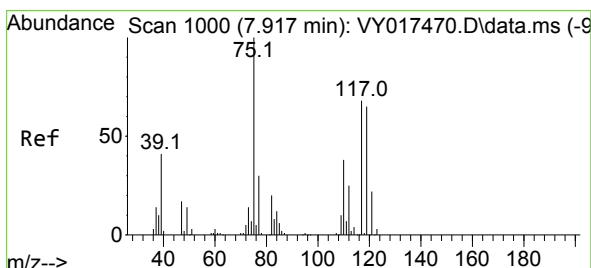
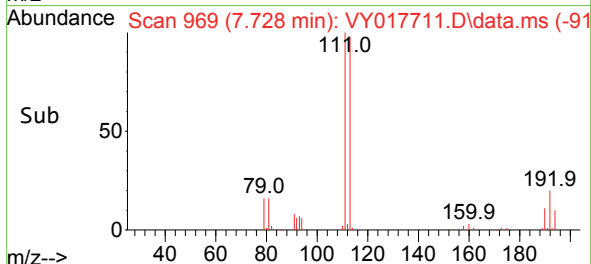
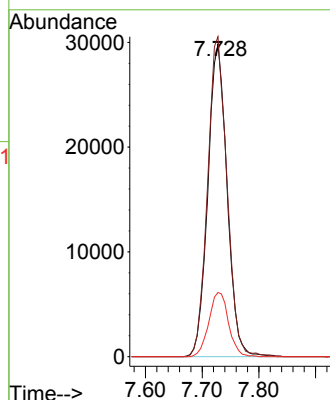
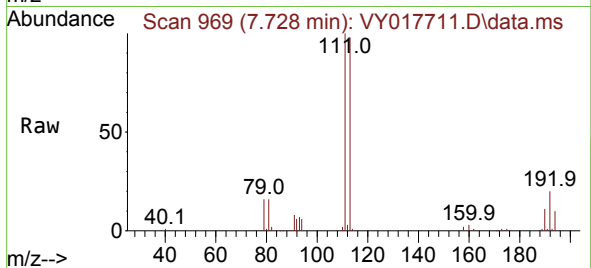
Tgt Ion:113 Resp: 70328

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 21.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 3.998 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY017711.D

Acq: 19 Mar 2024 16:56

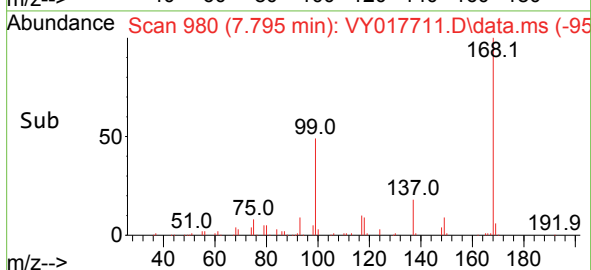
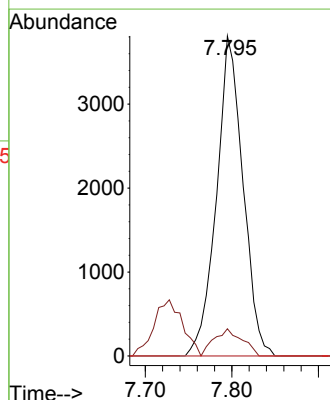
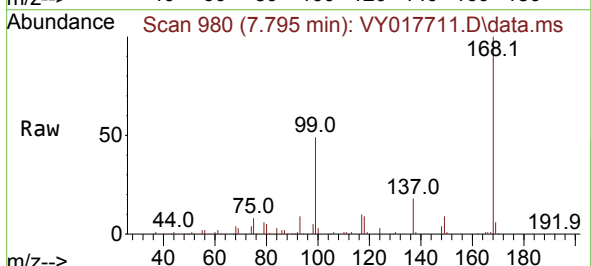
Tgt Ion: 75 Resp: 8091

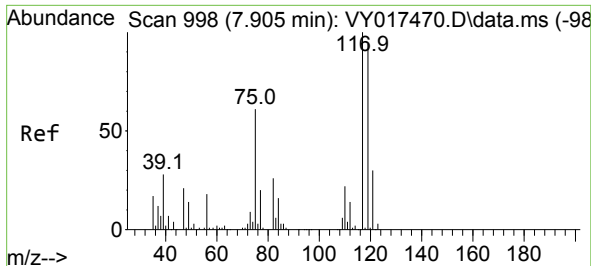
Ion Ratio Lower Upper

75 100

110 9.0 19.0 57.0#

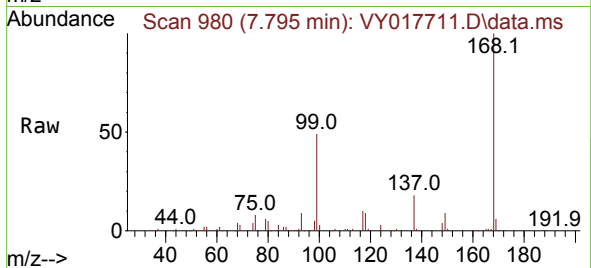
77 0.0 25.3 37.9#



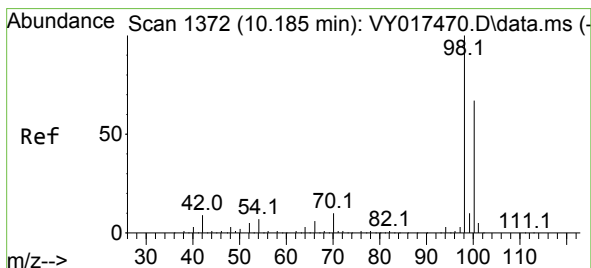
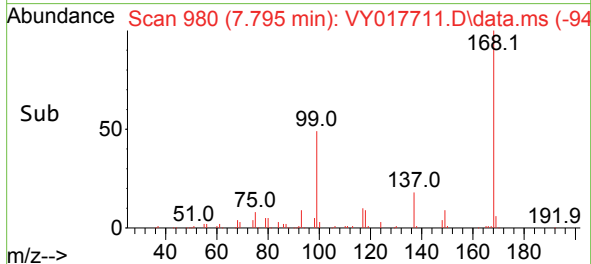
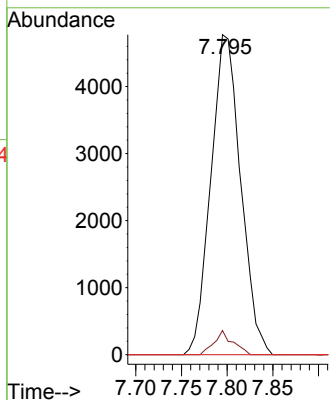


#38
Carbon Tetrachloride
Concen: 5.342 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-03182024

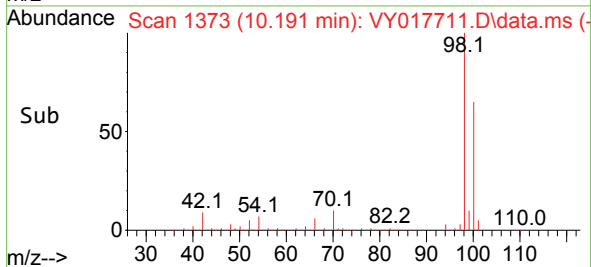
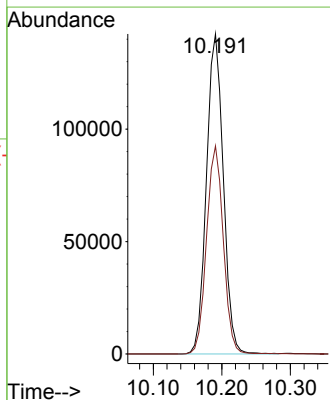
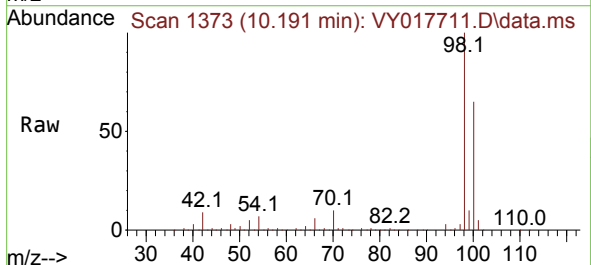


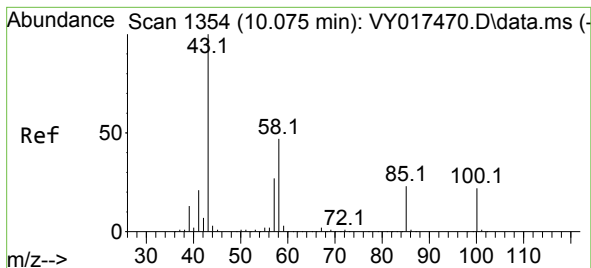
Tgt Ion:117 Resp: 10836
Ion Ratio Lower Upper
117 100
119 7.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.438 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Tgt Ion: 98 Resp: 243558
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

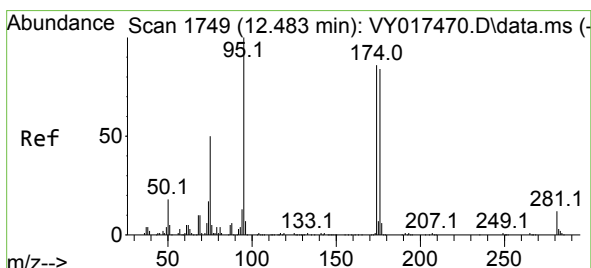
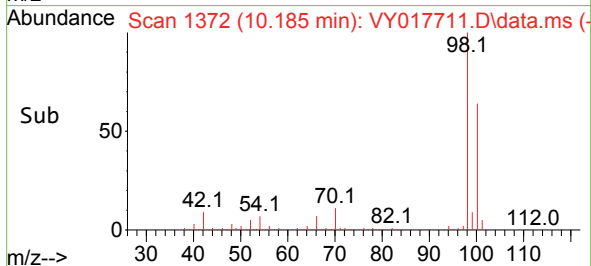
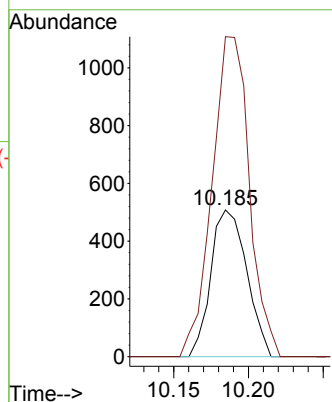
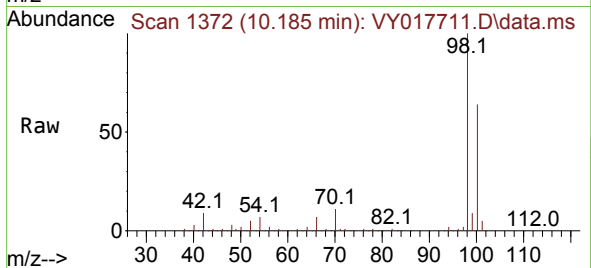




#51
4-Methyl-2-Pentanone
Concen: 1.082 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

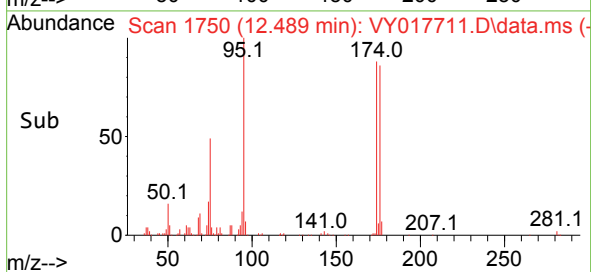
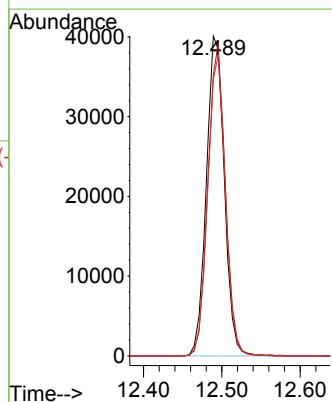
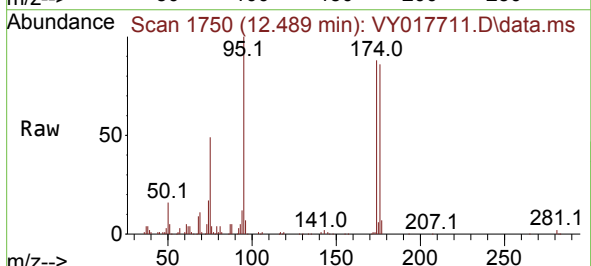
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SU-04-03182024

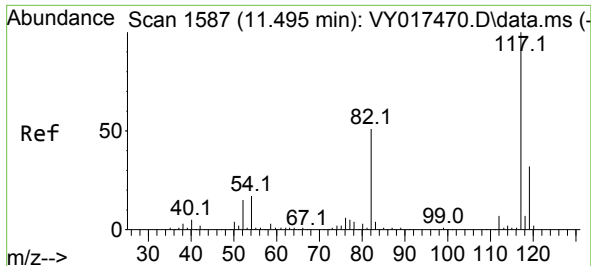
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 226.4 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 38.635 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Tgt Ion: 95 Resp: 63682
Ion Ratio Lower Upper
95 100
174 95.3 0.0 175.6
176 92.5 0.0 171.4

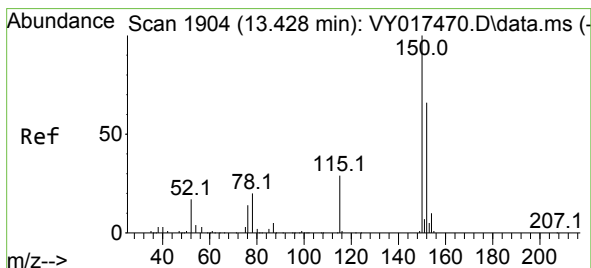
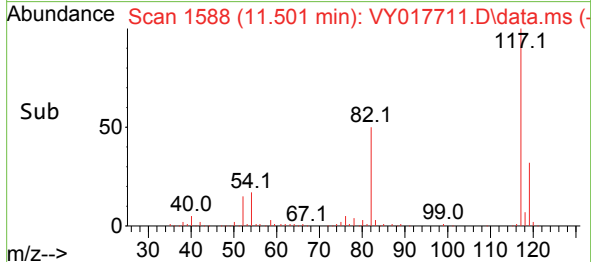
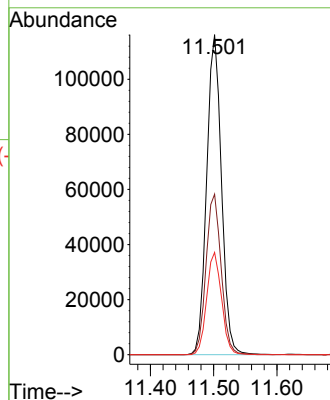
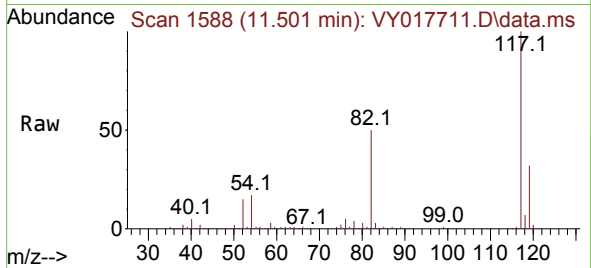




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

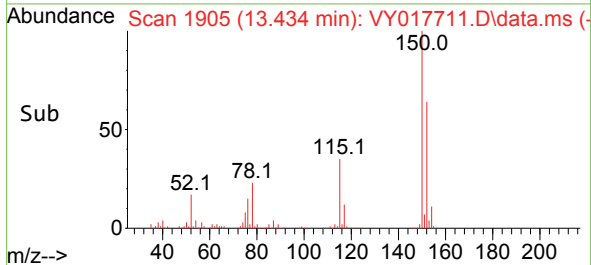
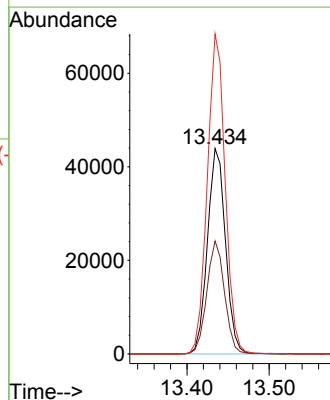
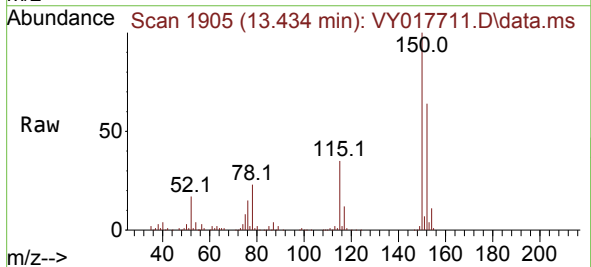
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-03182024

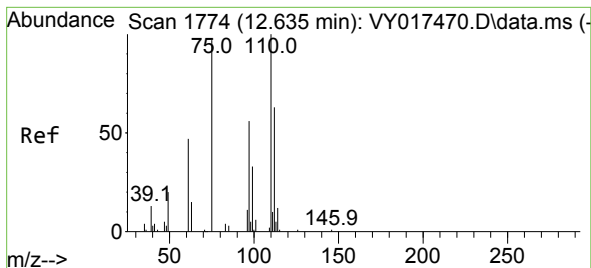
Tgt Ion:117 Resp: 189312
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Tgt Ion:152 Resp: 67063
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 154.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 49.284 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017711.D

Acq: 19 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

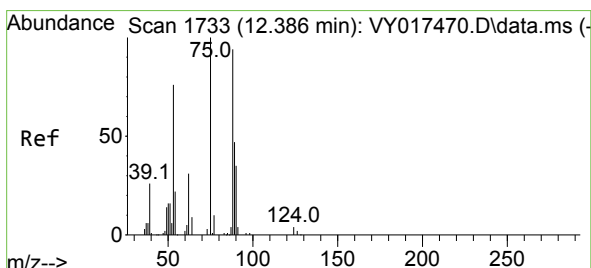
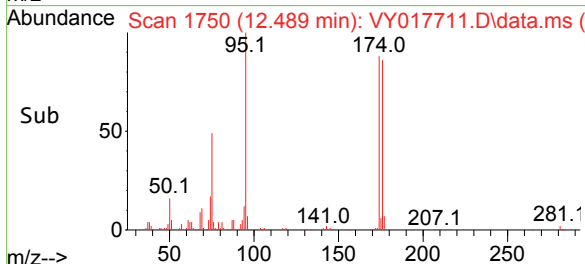
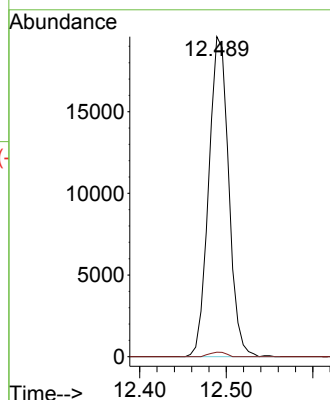
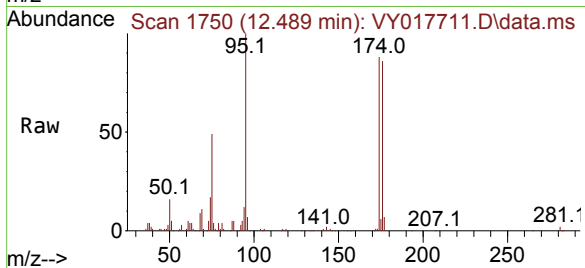
SU-04-03182024

Tgt Ion: 75 Resp: 31404

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.244 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017711.D

Acq: 19 Mar 2024 16:56

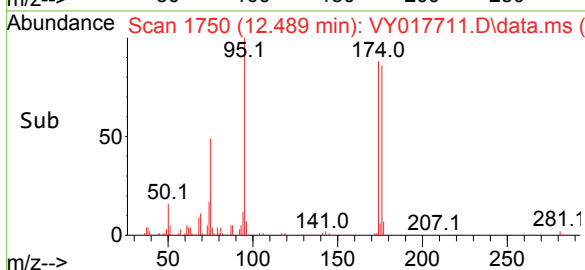
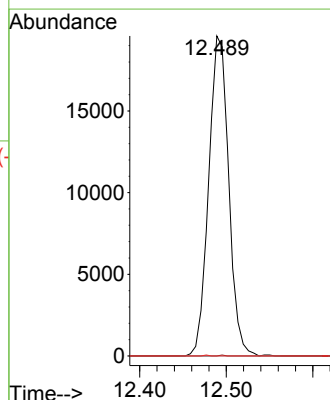
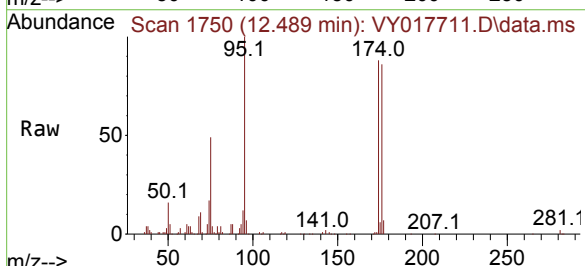
Tgt Ion: 75 Resp: 31404

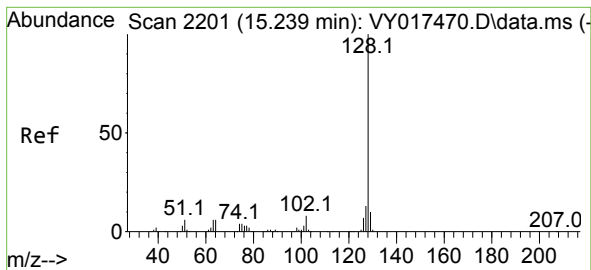
Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 3.982 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-03182024

Tgt Ion:128 Resp: 154
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

