

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017715.D
 Acq On : 19 Mar 2024 18:30
 Operator : SY/MD
 Sample : P1801-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-031924

Quant Time: Mar 20 03:05:15 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)

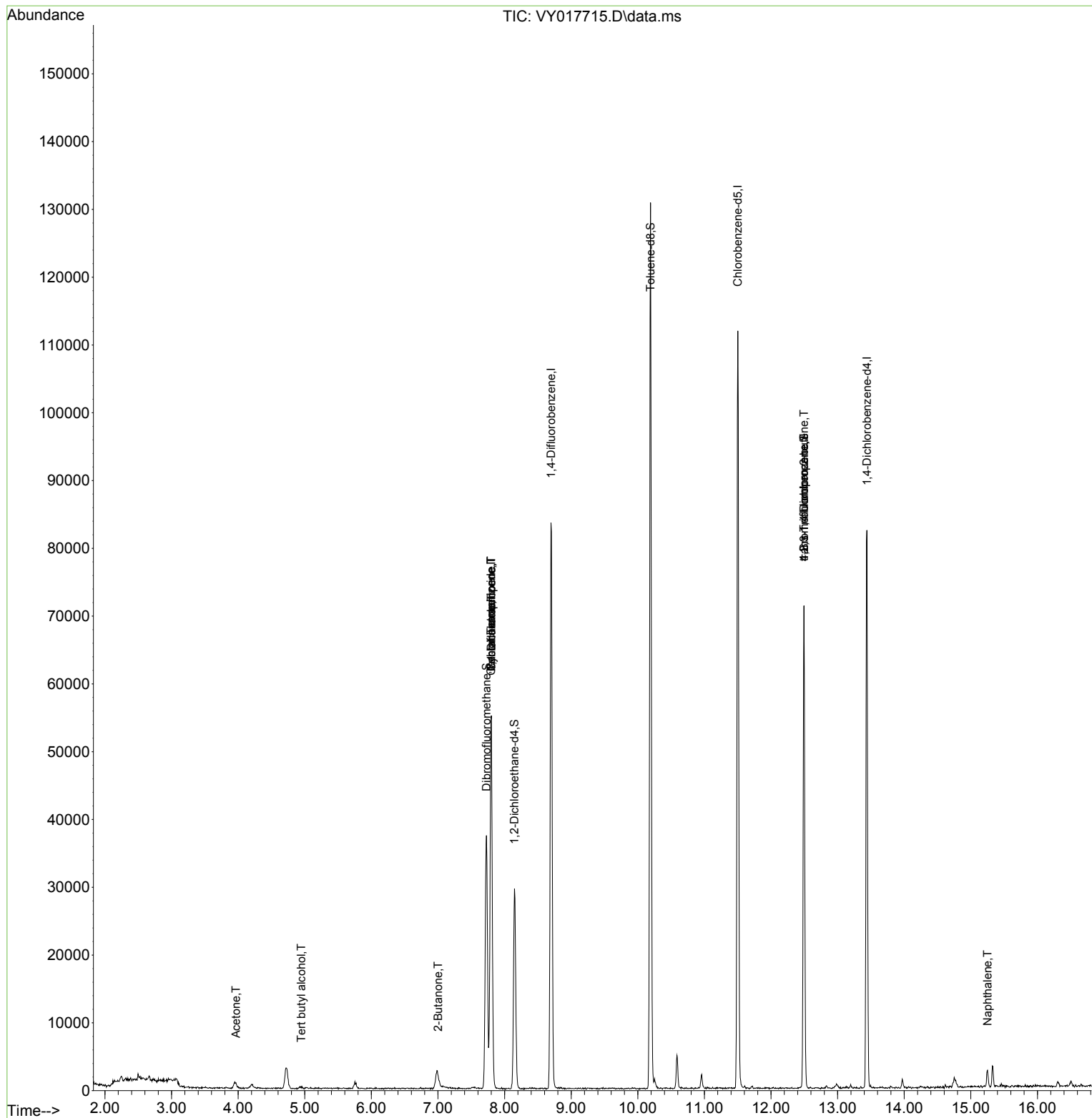
Internal Standards						
1) Pentafluorobenzene	7.801	168	47305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	77911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	69673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	23913	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	22866	51.003	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.000%			
35) Dibromofluoromethane	7.728	113	28096	51.751	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.500%			
50) Toluene-d8	10.191	98	88642	46.698	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.400%			
62) 4-Bromofluorobenzene	12.495	95	21349	35.787	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 71.580%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.948	59	207	5.436	ug/l #	88
16) Acetone	3.966	43	1690	19.435	ug/l	90
20) Methylene Chloride	4.716	84	2603	Below Cal		91
25) 2-Butanone	7.002	43	222	1.791	ug/l #	41
31) Cyclohexane	7.801	56	894	1.225	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	3554	4.852	ug/l #	44
38) Carbon Tetrachloride	7.795	117	4146	5.647	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	10354	45.570	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	10354	104.710	ug/l #	16
95) Naphthalene	15.251	128	2628	7.154	ug/l	97

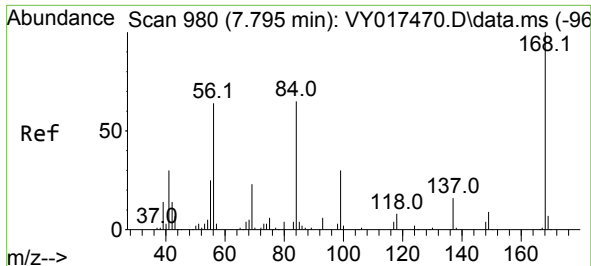
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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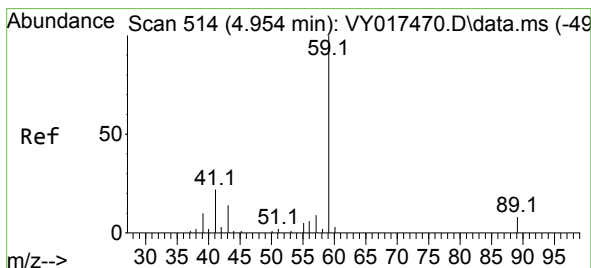
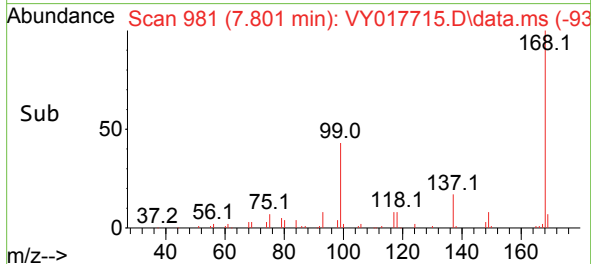
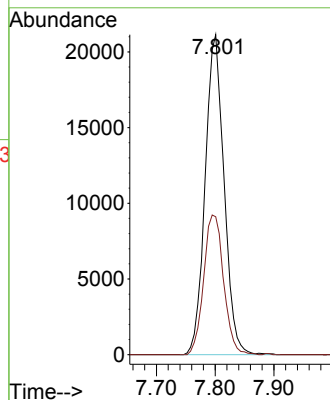
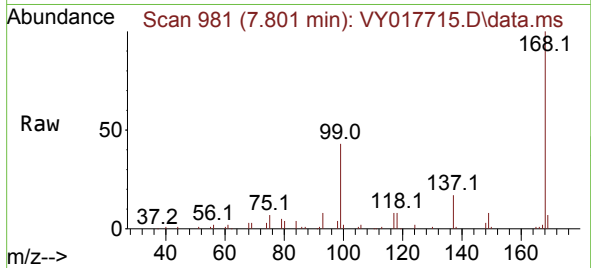




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

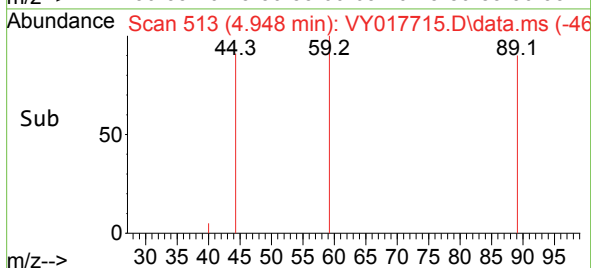
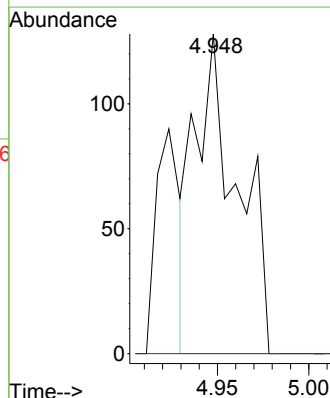
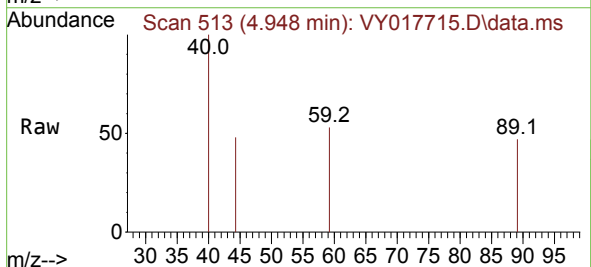
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-031924

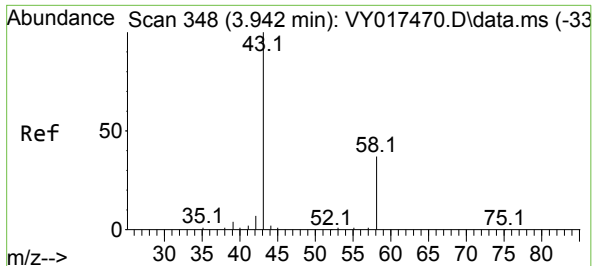
Tgt Ion:168 Resp: 47305
Ion Ratio Lower Upper
168 100
99 43.1 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.436 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 19.435 ug/l

RT: 3.966 min Scan# 31

Delta R.T. 0.024 min

Lab File: VY017715.D

Acq: 19 Mar 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

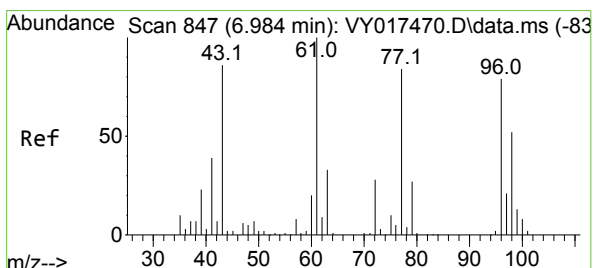
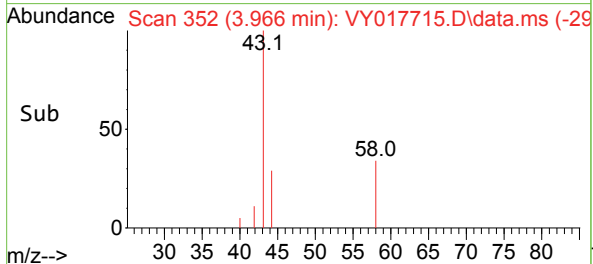
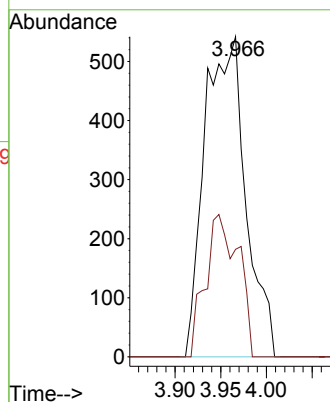
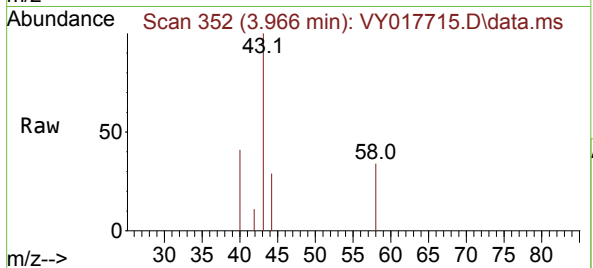
OR-03-031924

Tgt Ion: 43 Resp: 1690

Ion Ratio Lower Upper

43 100

58 33.6 31.7 47.5



#25

2-Butanone

Concen: 1.791 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY017715.D

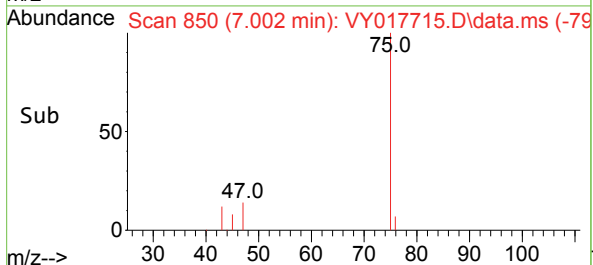
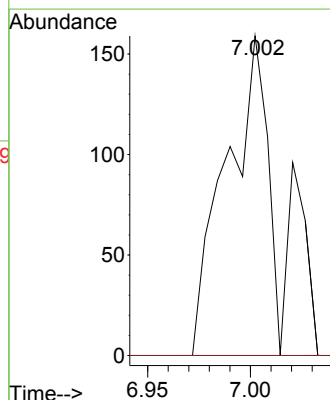
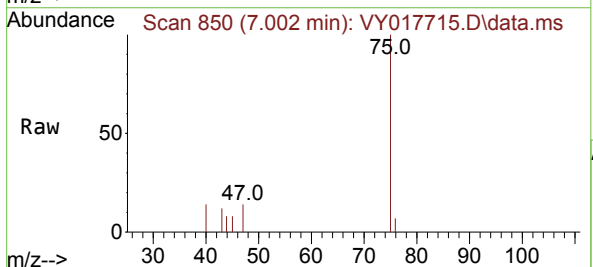
Acq: 19 Mar 2024 18:30

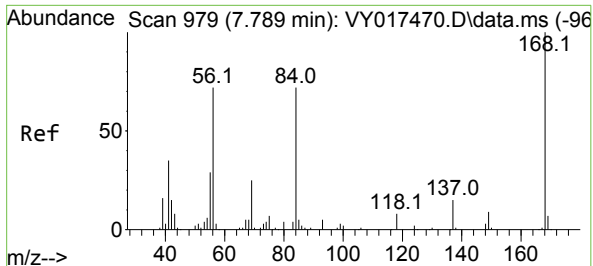
Tgt Ion: 43 Resp: 222

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

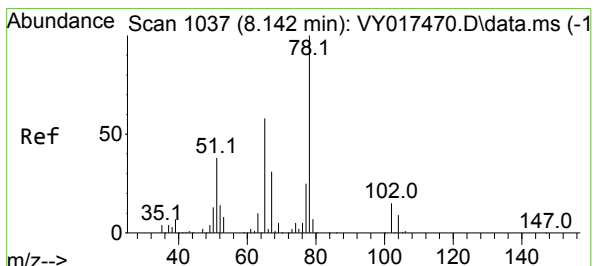
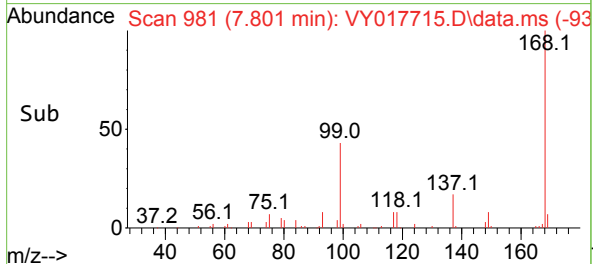
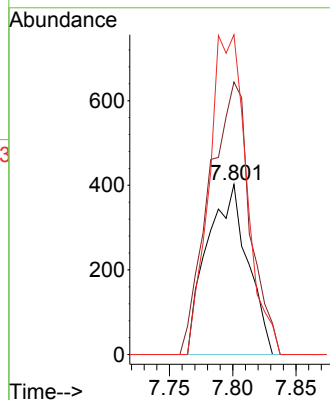
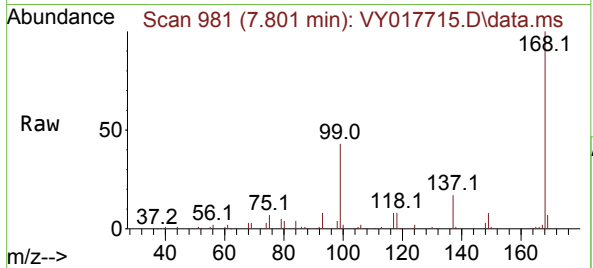




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

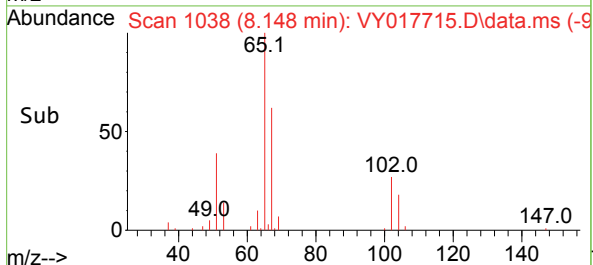
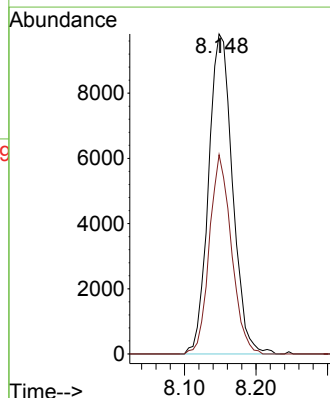
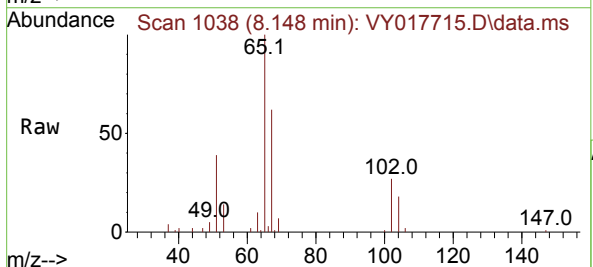
Instrument :
MSVOA_Y
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OR-03-031924

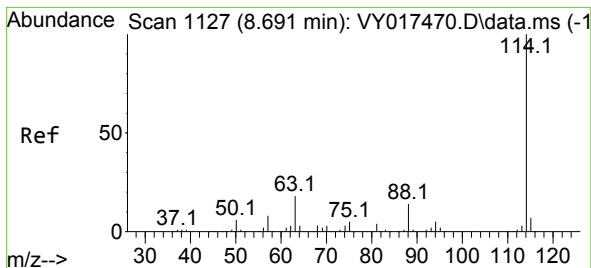
Tgt Ion: 56 Resp: 894
Ion Ratio Lower Upper
56 100
69 160.2 28.7 43.1#
84 188.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.003 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

Tgt Ion: 65 Resp: 22866
Ion Ratio Lower Upper
65 100
67 57.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017715.D

Acq: 19 Mar 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-031924

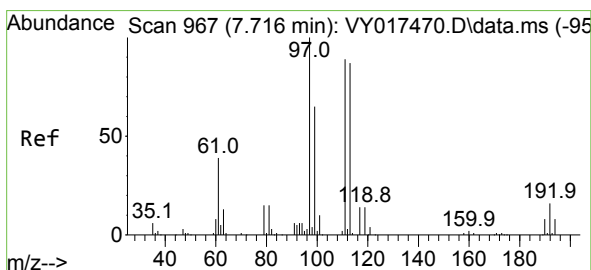
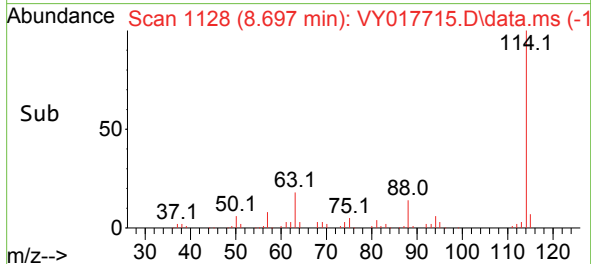
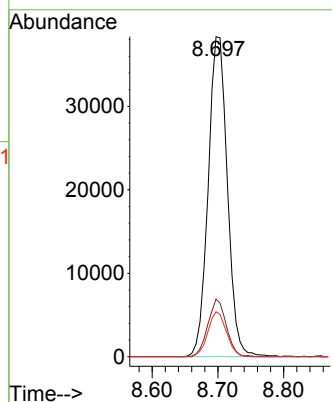
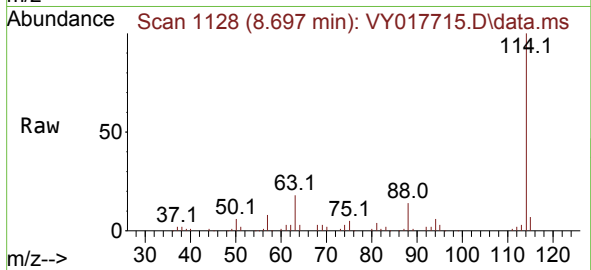
Tgt Ion:114 Resp: 77911

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.751 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017715.D

Acq: 19 Mar 2024 18:30

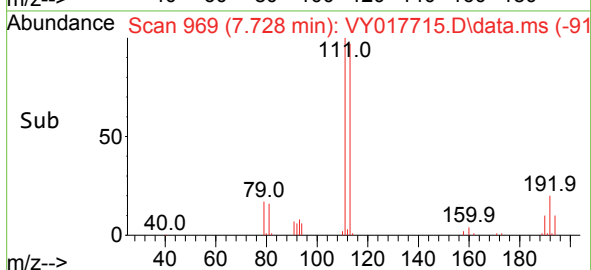
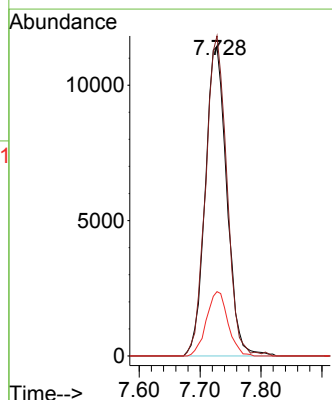
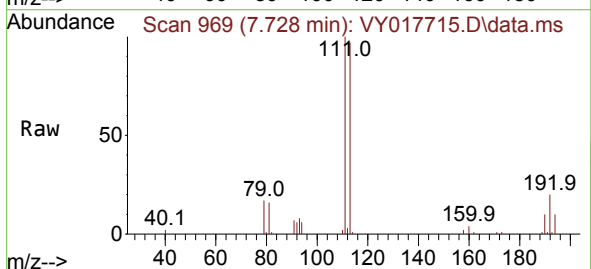
Tgt Ion:113 Resp: 28096

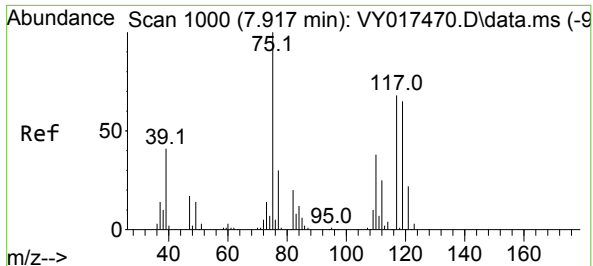
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 20.7 15.9 23.9

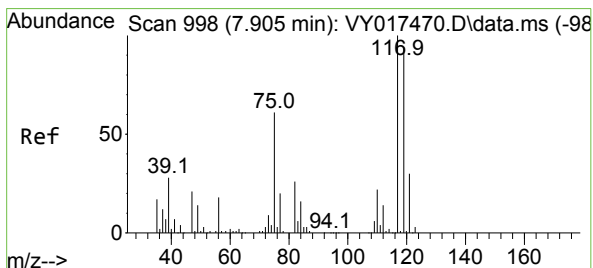
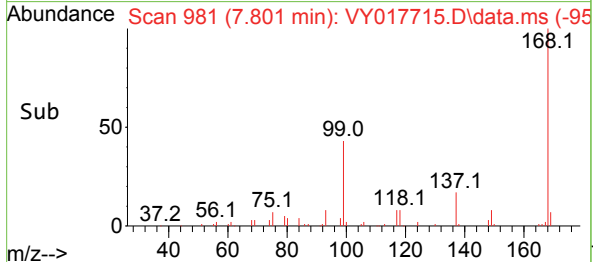
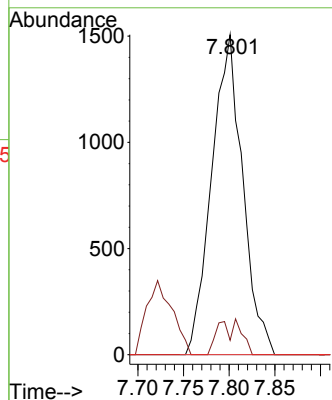
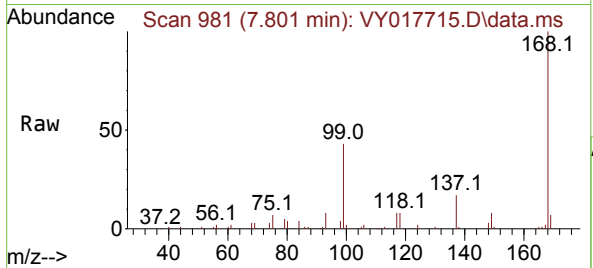




#36
1,1-Dichloropropene
Concen: 4.852 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

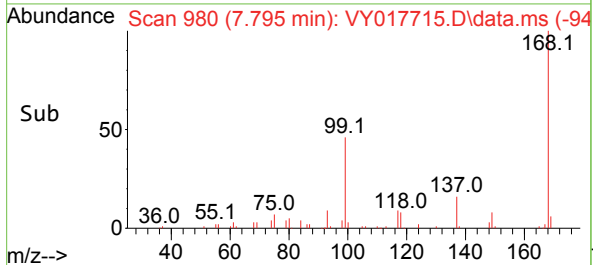
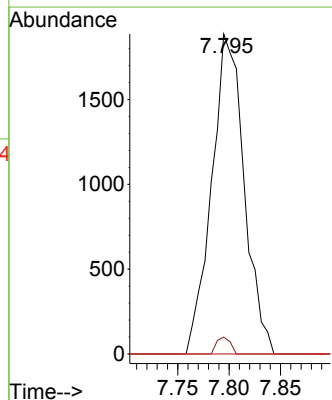
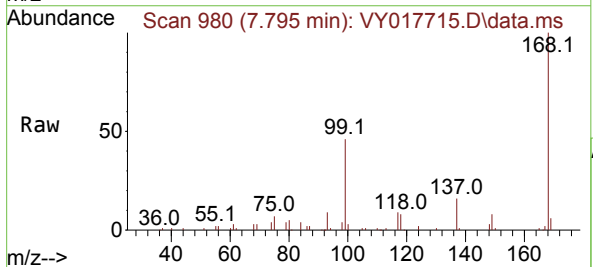
Instrument :
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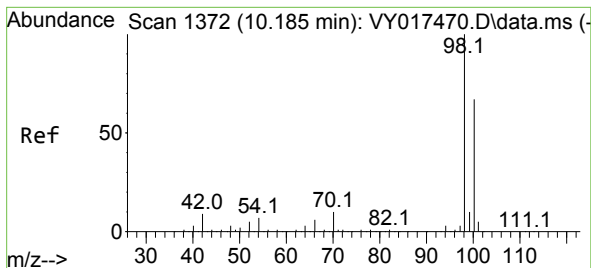
Tgt Ion: 75 Resp: 3554
Ion Ratio Lower Upper
75 100
110 4.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

Tgt Ion: 117 Resp: 4146
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.698 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017715.D

Acq: 19 Mar 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

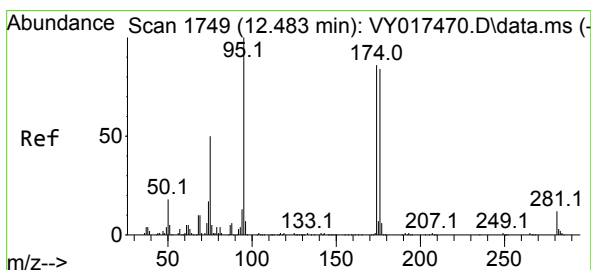
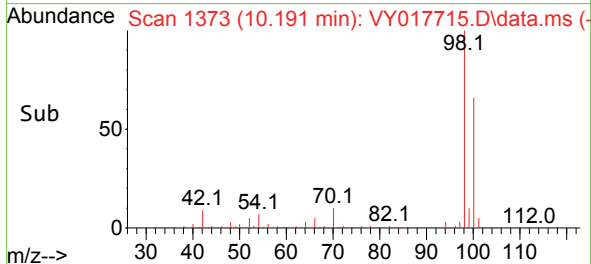
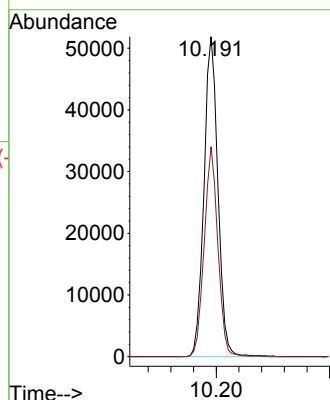
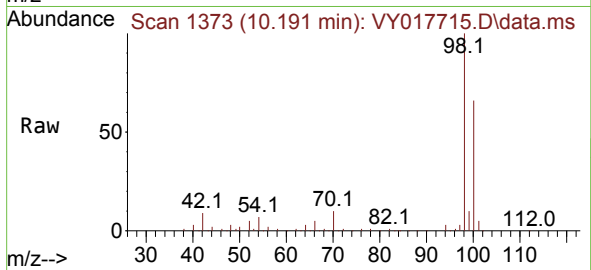
OR-03-031924

Tgt Ion: 98 Resp: 88642

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.787 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017715.D

Acq: 19 Mar 2024 18:30

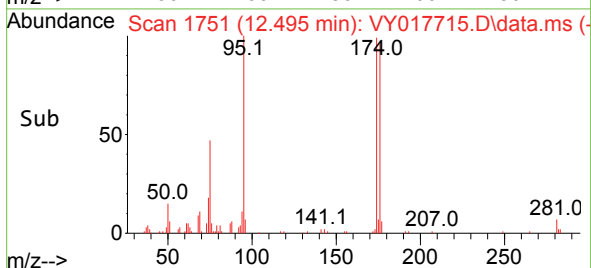
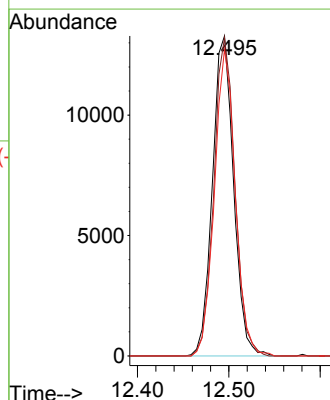
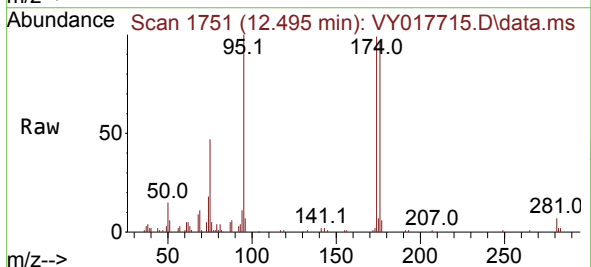
Tgt Ion: 95 Resp: 21349

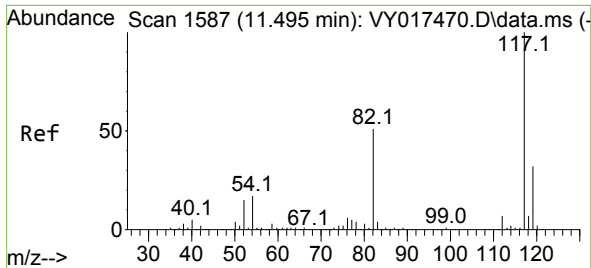
Ion Ratio Lower Upper

95 100

174 99.0 0.0 175.6

176 94.6 0.0 171.4

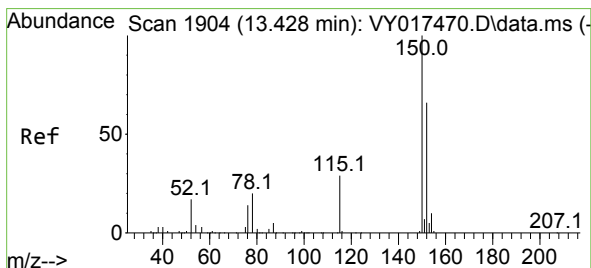
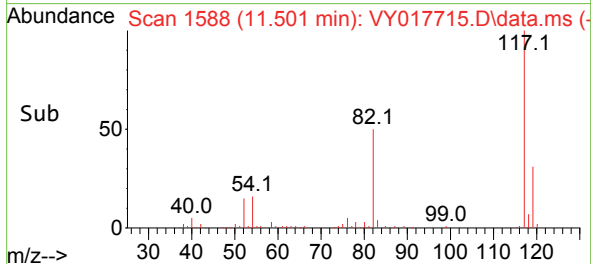
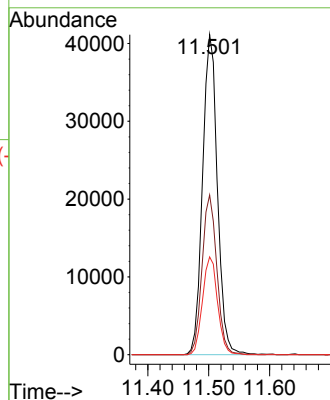
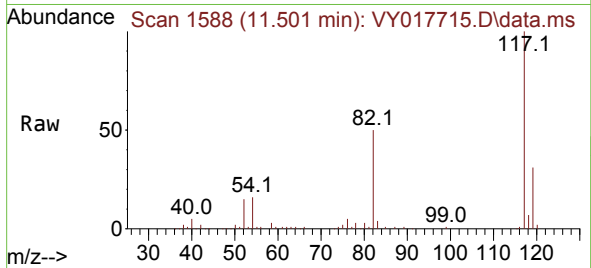




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

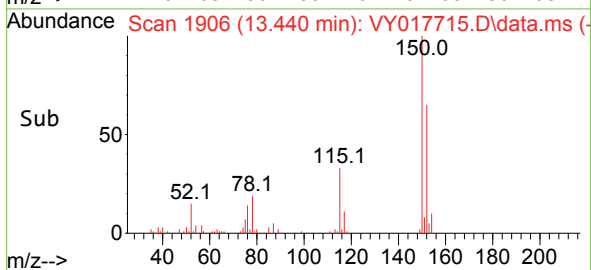
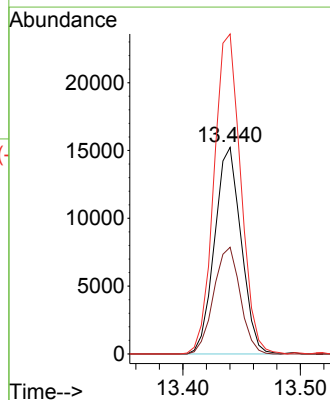
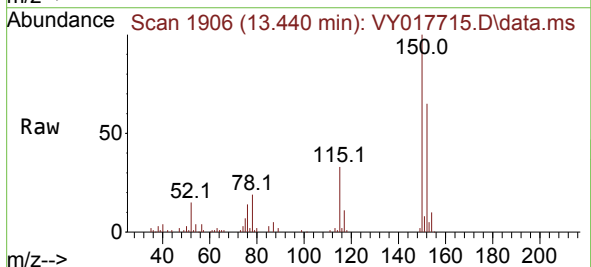
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-031924

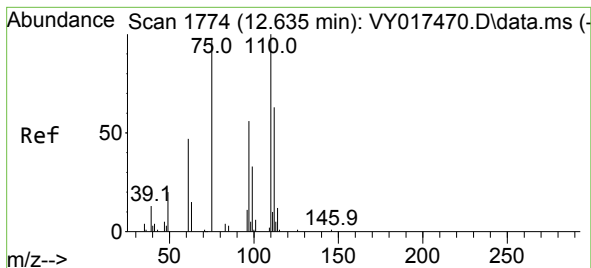
Tgt Ion:117 Resp: 69673
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 30.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

Tgt Ion:152 Resp: 23913
Ion Ratio Lower Upper
152 100
115 51.7 28.2 84.7
150 156.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 45.570 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017715.D

Acq: 19 Mar 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

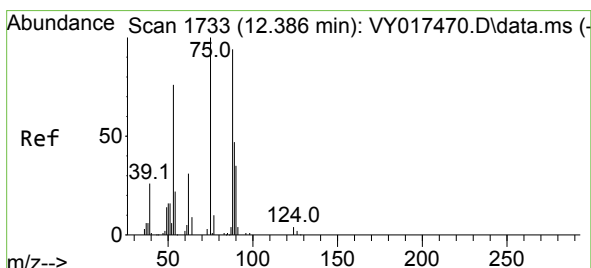
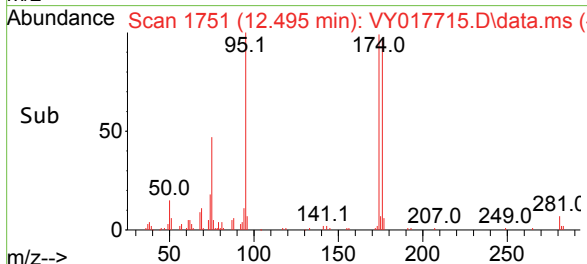
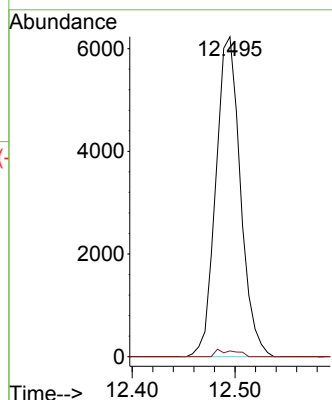
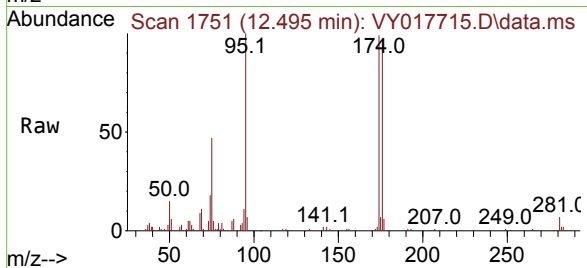
OR-03-031924

Tgt Ion: 75 Resp: 10354

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.710 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.110 min

Lab File: VY017715.D

Acq: 19 Mar 2024 18:30

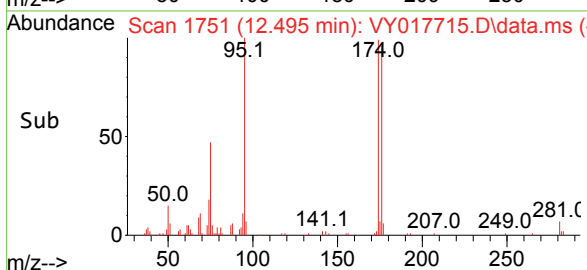
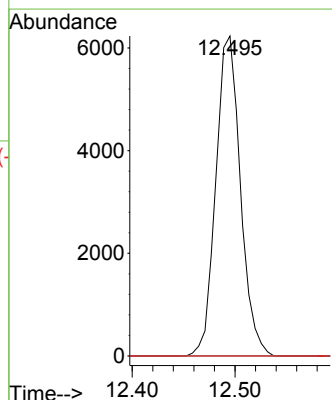
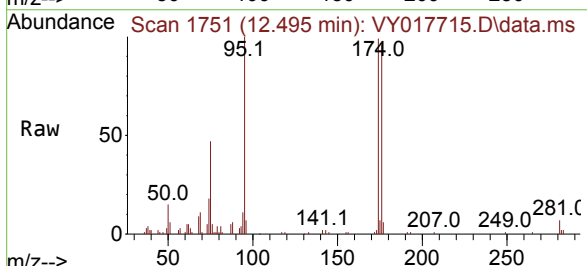
Tgt Ion: 75 Resp: 10354

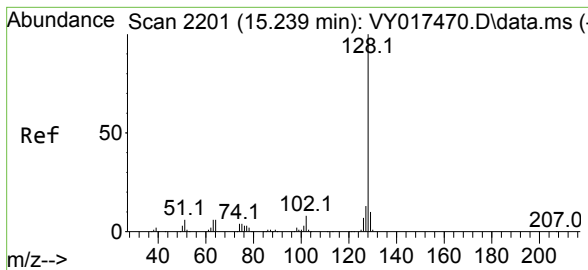
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

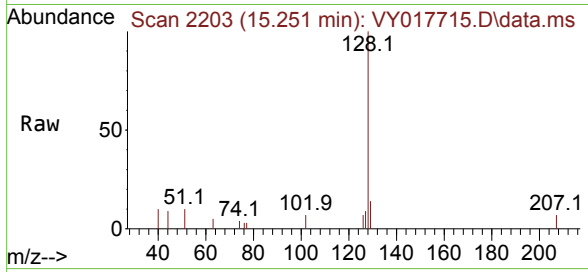
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 7.154 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017715.D
Acq: 19 Mar 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-031924



Tgt Ion:	128	Resp:	2628
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.6	16.0
129	11.4	8.6	13.0

