

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030085.D
 Acq On : 15 Jul 2022 12:43
 Operator : JC/MD
 Sample : N3735-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-01-79-91-071322

Quant Time: Jul 16 06:01:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

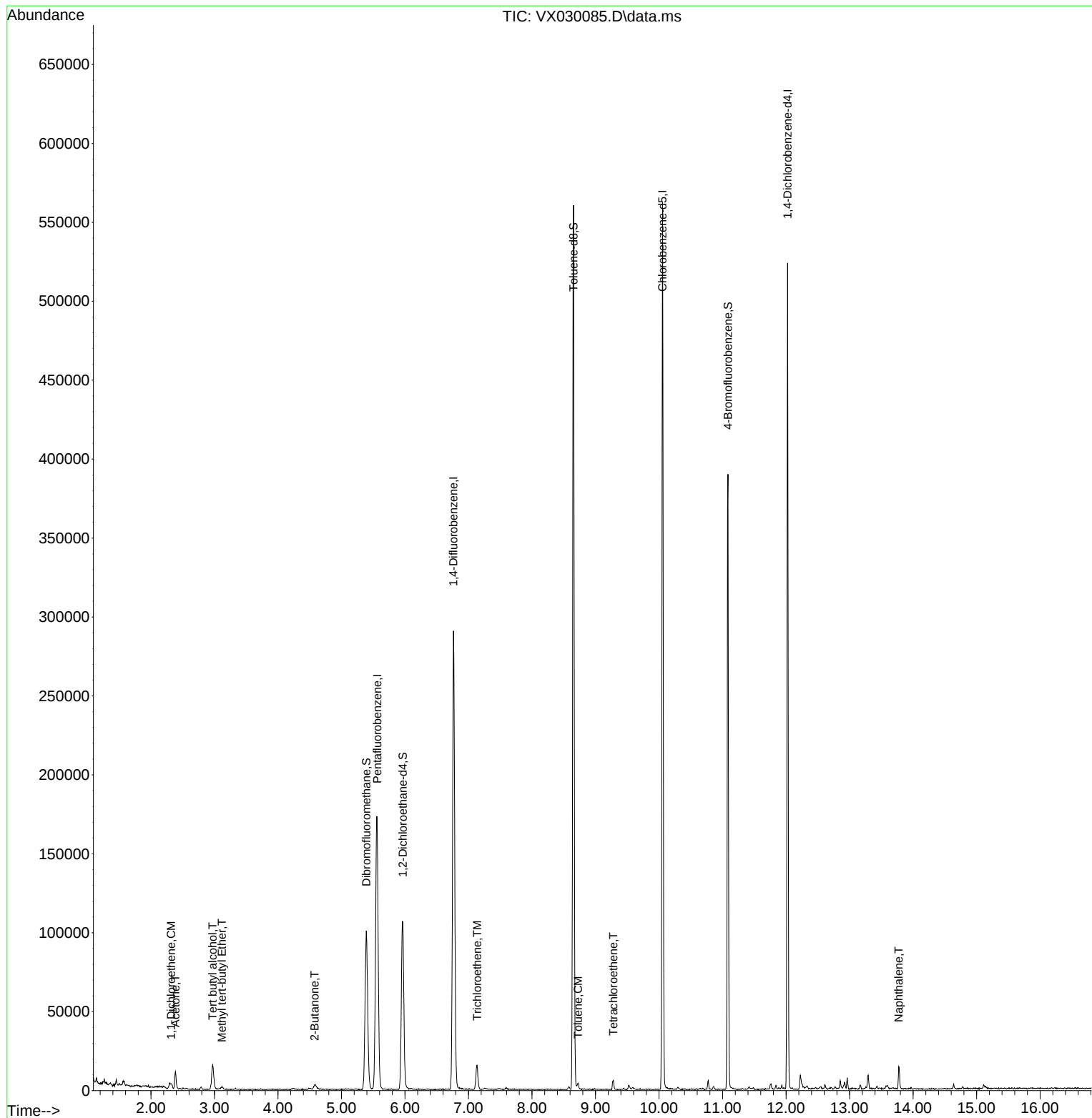
Internal Standards						
1) Pentafluorobenzene	5.562	168	168327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301879	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97469	47.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	5.391	113	89103	46.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.400%		
50) Toluene-d8	8.653	98	340204	46.905	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.800%		
62) 4-Bromofluorobenzene	11.085	95	107938	42.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.760%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	18010	34.059	ug/l	95
12) 1,1-Dichloroethene	2.319	96	724	0.422	ug/l #	56
16) Acetone	2.386	43	11161	11.561	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	1637	0.302	ug/l #	76
25) 2-Butanone	4.574	43	2088	1.270	ug/l #	82
44) Trichloroethene	7.135	130	6108	2.666	ug/l	99
52) Toluene	8.726	92	1228	0.247	ug/l	96
64) Tetrachloroethene	9.281	164	1194	0.591	ug/l #	86
95) Naphthalene	13.774	128	8934	1.079	ug/l	99

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

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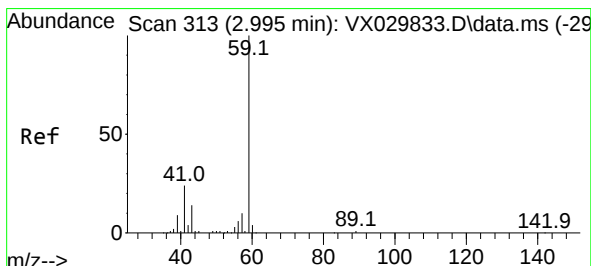
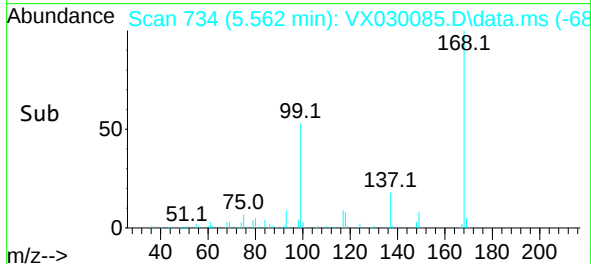
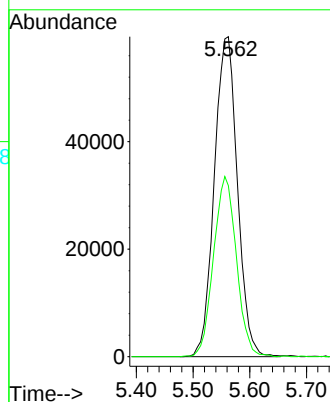
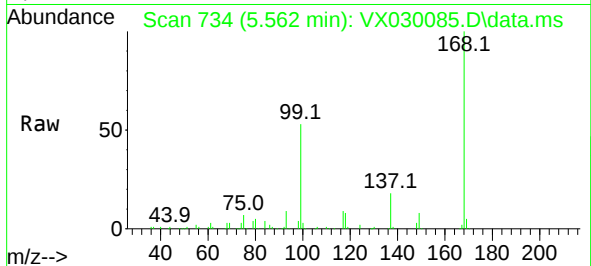




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

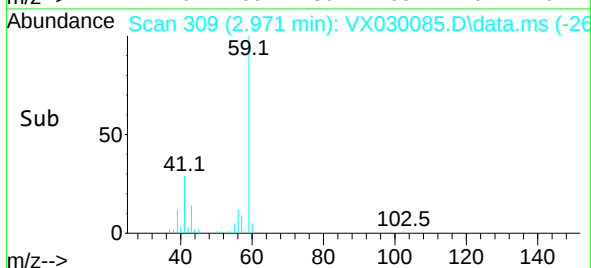
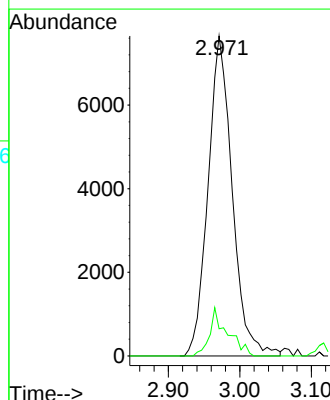
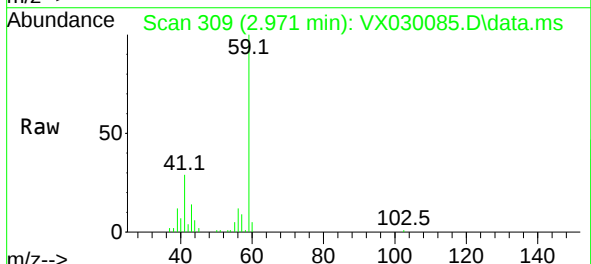
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-79-91-071322

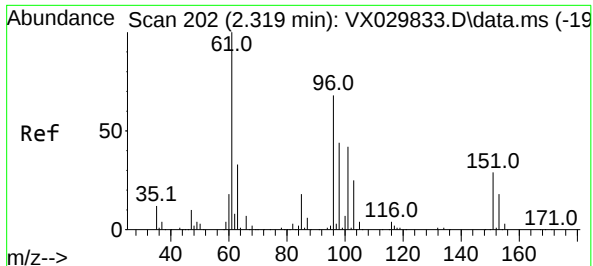
Tgt Ion:168 Resp: 168327
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#11
Tert butyl alcohol
Concen: 34.059 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

Tgt Ion: 59 Resp: 18010
Ion Ratio Lower Upper
59 100
57 11.1 7.4 11.2





#12

1,1-Dichloroethene

Concen: 0.422 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030085.D

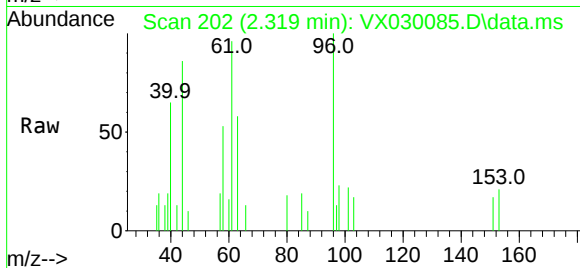
Acq: 15 Jul 2022 12:43

Instrument :

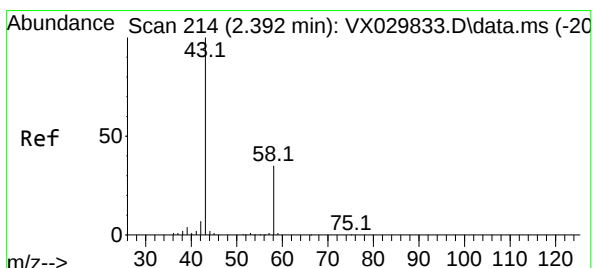
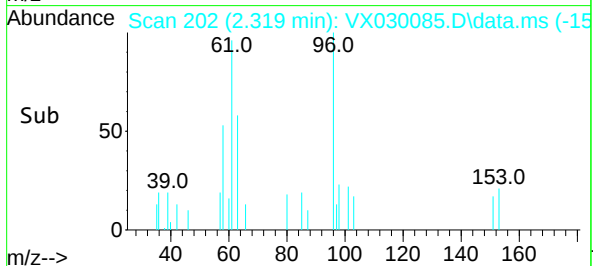
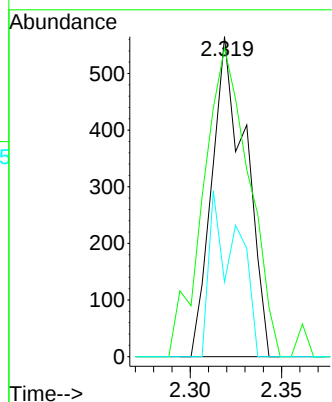
MSVOA_X

ClientSampleId :

GWOW-BR-01-79-91-071322



Tgt Ion:	96	Resp:	724
Ion	Ratio	Lower	Upper
96	100		
61	96.5	117.4	176.0#
98	23.4	52.2	78.4#



#16

Acetone

Concen: 11.561 ug/l

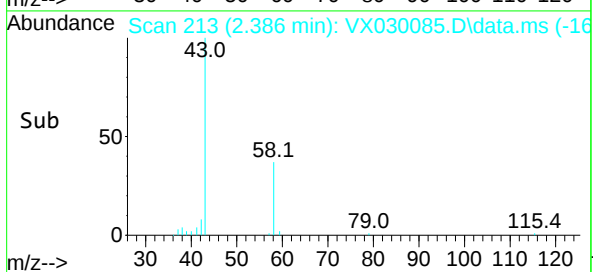
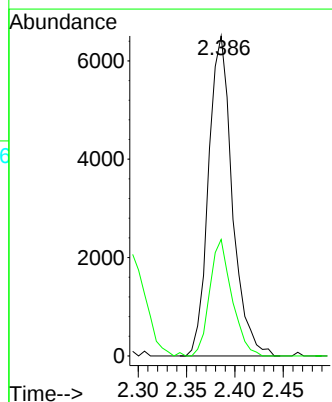
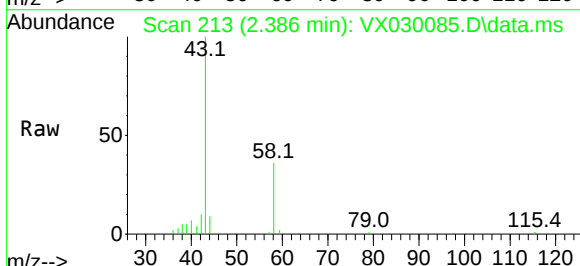
RT: 2.386 min Scan# 213

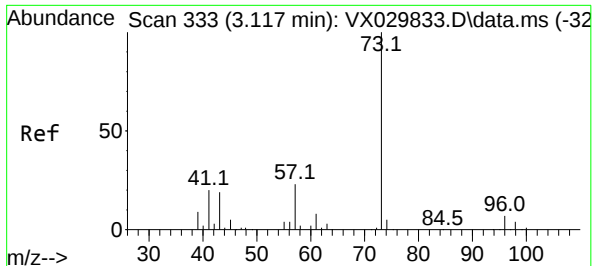
Delta R.T. -0.006 min

Lab File: VX030085.D

Acq: 15 Jul 2022 12:43

Tgt Ion:	43	Resp:	11161
Ion	Ratio	Lower	Upper
43	100		
58	36.4	27.7	41.5

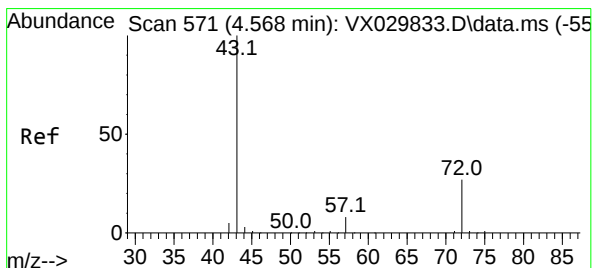
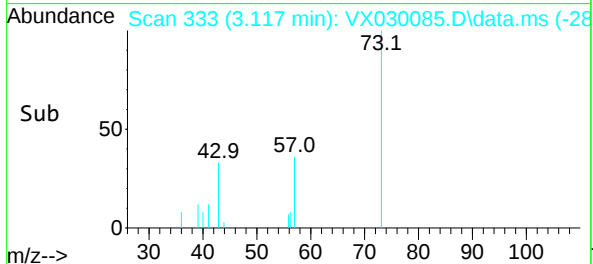
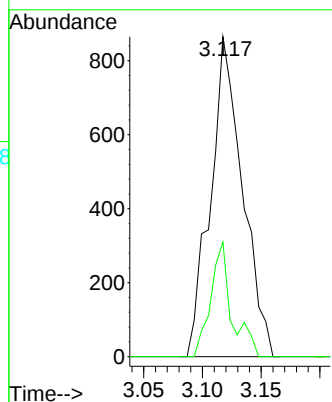
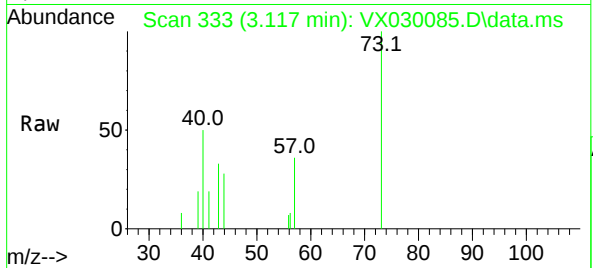




#19
Methyl tert-butyl Ether
Concen: 0.302 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

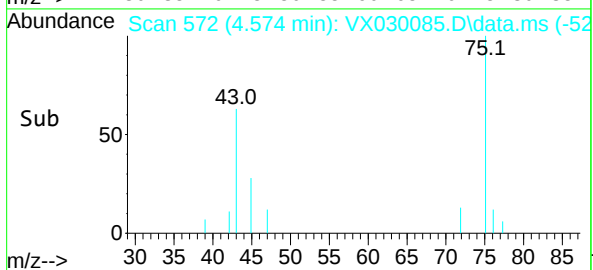
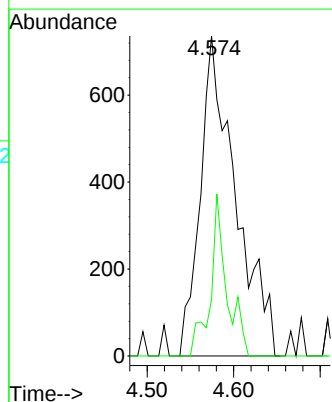
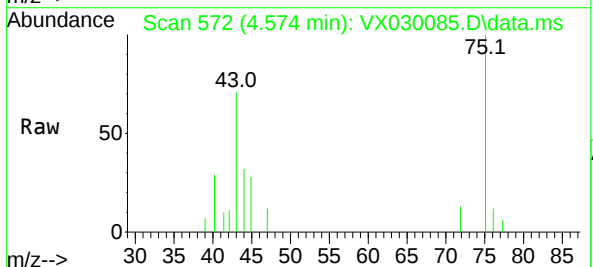
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-79-91-071322

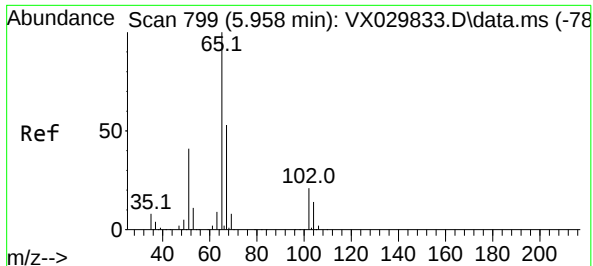
Tgt Ion: 73 Resp: 1637
Ion Ratio Lower Upper
73 100
57 35.8 19.0 28.6#



#25
2-Butanone
Concen: 1.270 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
72 17.7 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 47.573 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030085.D

Acq: 15 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

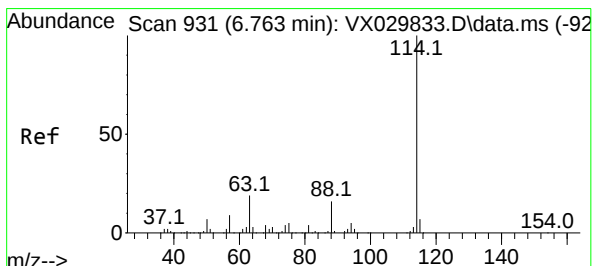
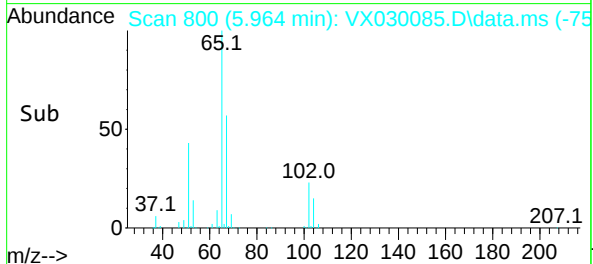
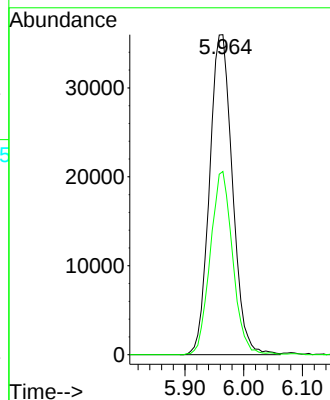
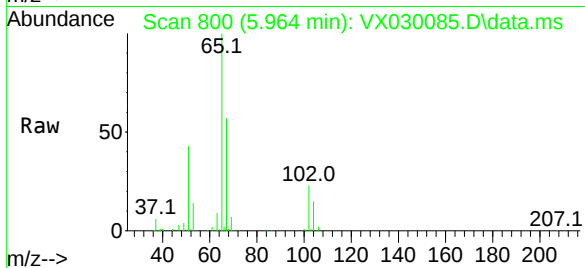
GWOW-BR-01-79-91-071322

Tgt Ion: 65 Resp: 97469

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX030085.D

Acq: 15 Jul 2022 12:43

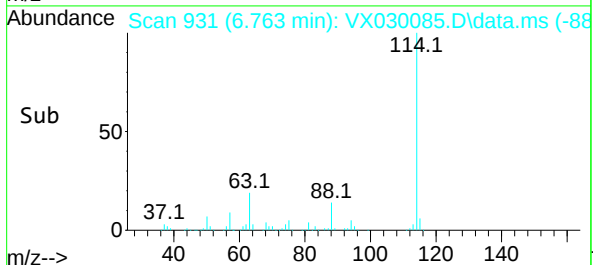
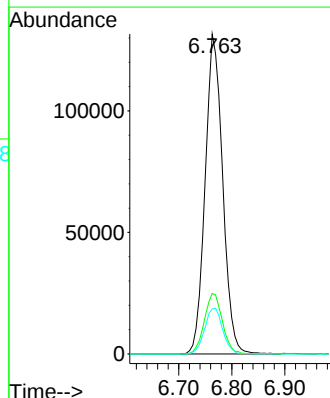
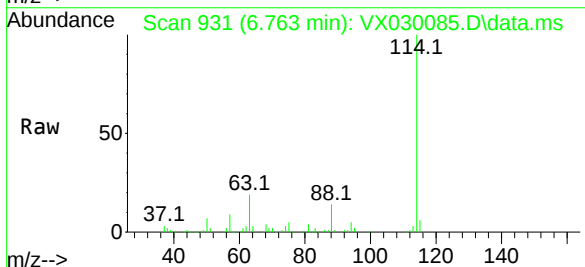
Tgt Ion: 114 Resp: 301879

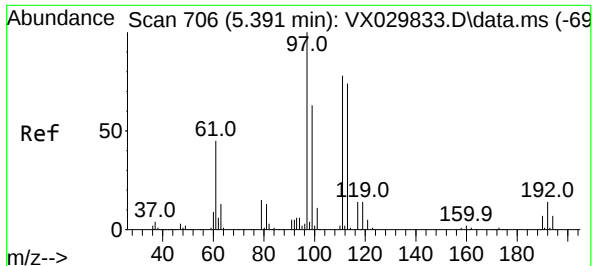
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 14.0 0.0 31.8

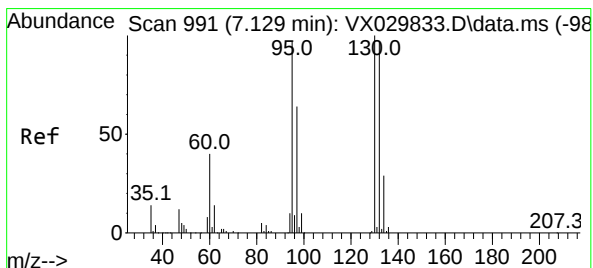
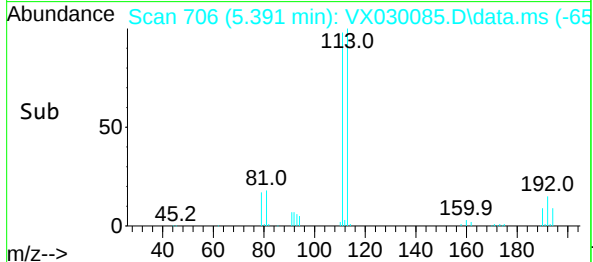
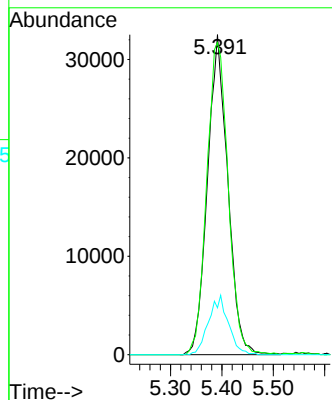
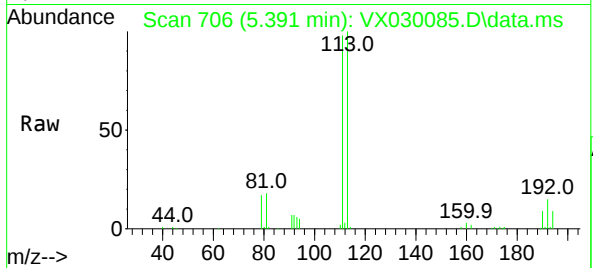




#35
Dibromofluoromethane
Concen: 46.203 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

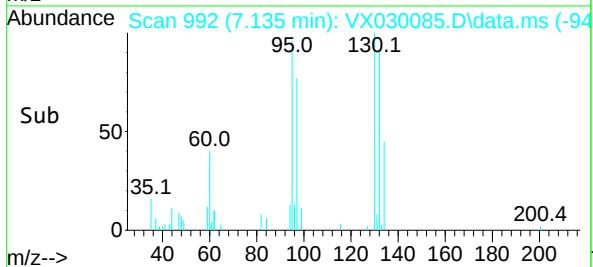
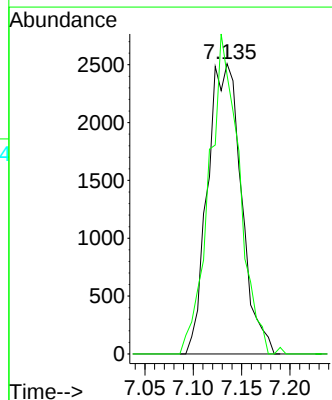
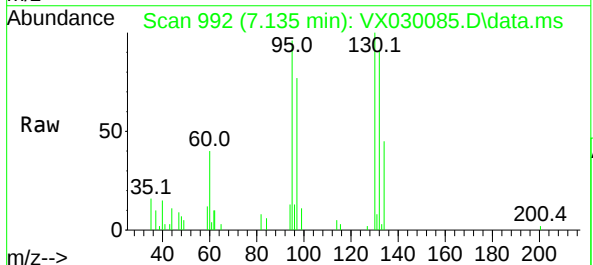
Instrument :
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ClientSampleId :
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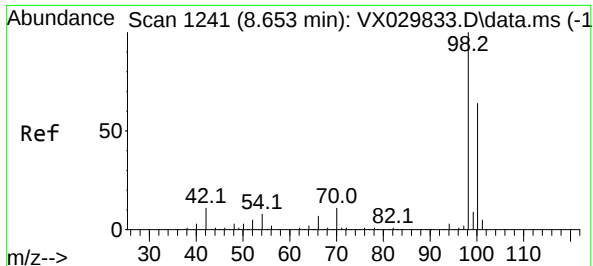
Tgt Ion:113 Resp: 89103
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 18.0 14.8 22.2



#44
Trichloroethene
Concen: 2.666 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

Tgt Ion:130 Resp: 6108
Ion Ratio Lower Upper
130 100
95 96.1 0.0 194.8

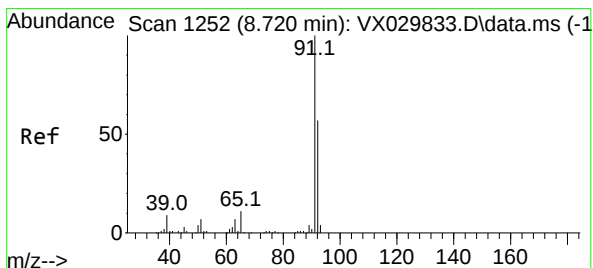
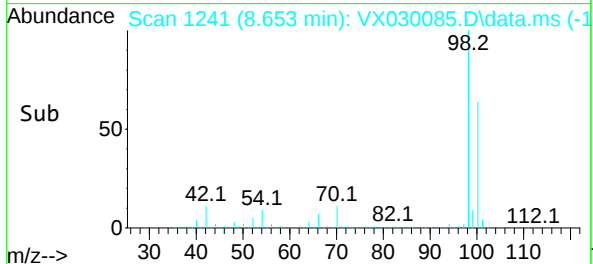
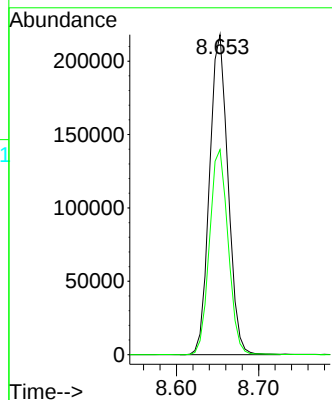
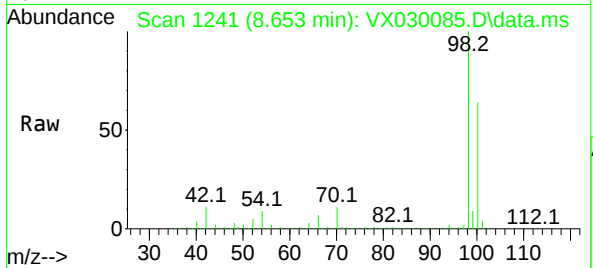




#50
Toluene-d8
Concen: 46.905 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

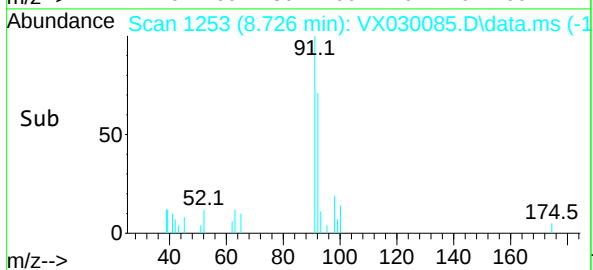
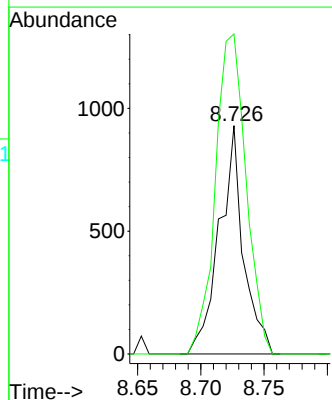
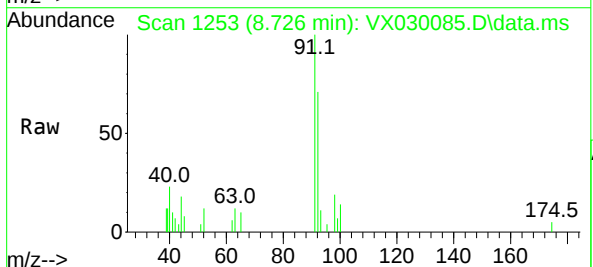
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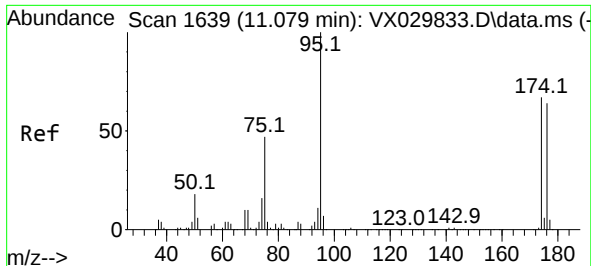
Tgt Ion: 98 Resp: 340204
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#52
Toluene
Concen: 0.247 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

Tgt Ion: 92 Resp: 1228
Ion Ratio Lower Upper
92 100
91 178.9 139.2 208.8

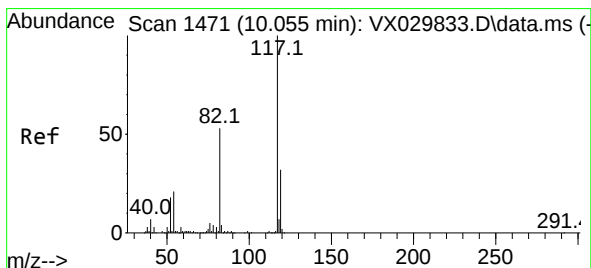
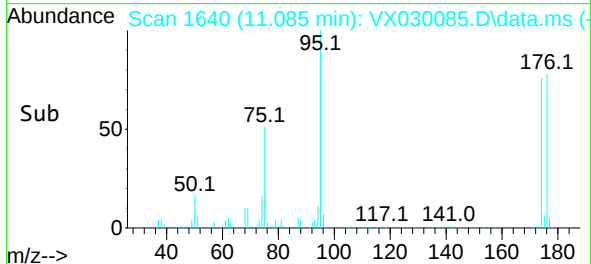
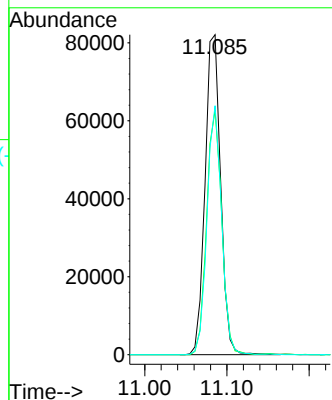
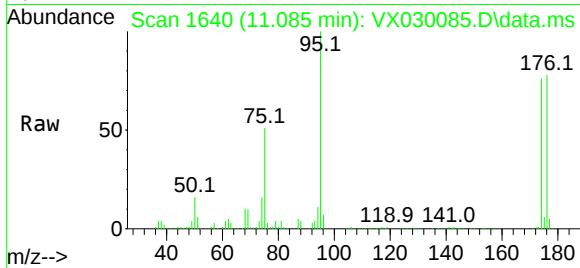




#62
4-Bromofluorobenzene
Concen: 42.883 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

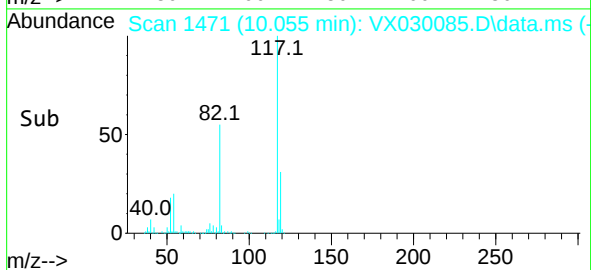
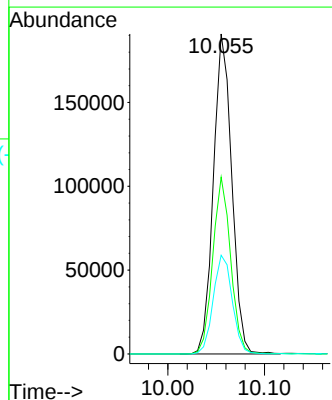
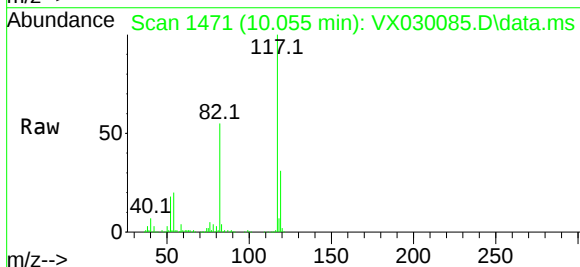
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-79-91-071322

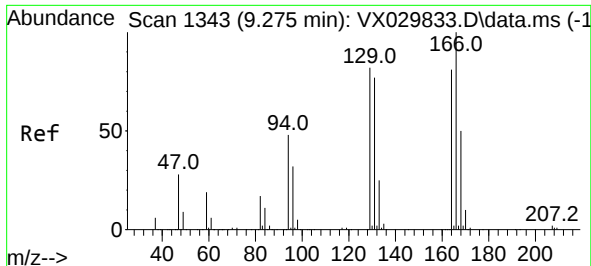
Tgt Ion: 95 Resp: 107938
Ion Ratio Lower Upper
95 100
174 74.1 0.0 149.0
176 73.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

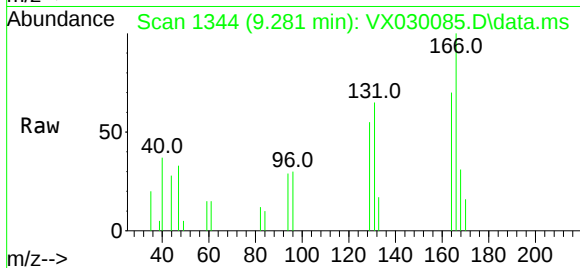
Tgt Ion: 117 Resp: 251846
Ion Ratio Lower Upper
117 100
82 55.3 42.7 64.1
119 30.9 25.4 38.2



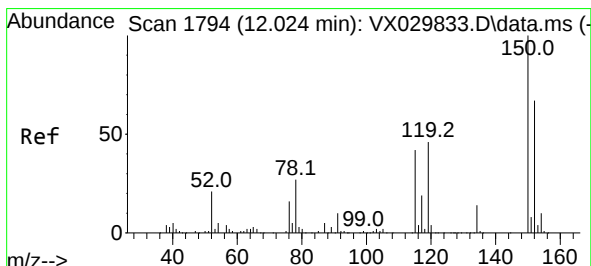
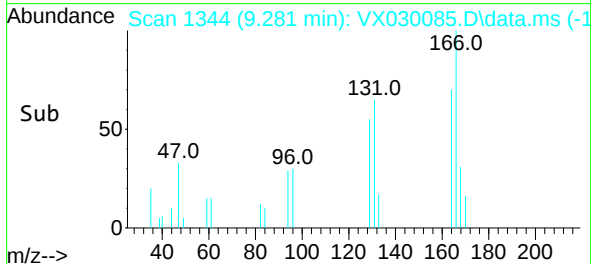
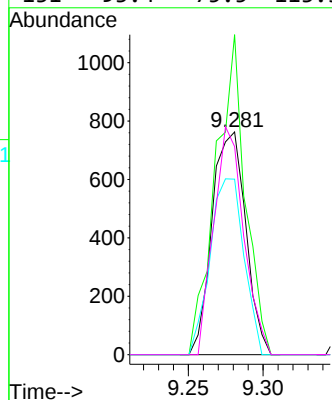


#64
Tetrachloroethene
Concen: 0.591 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-79-91-071322

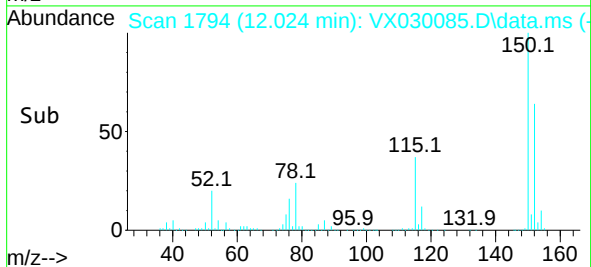
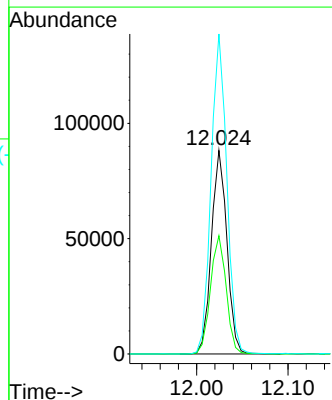
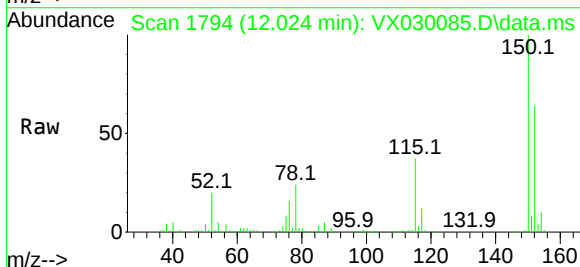


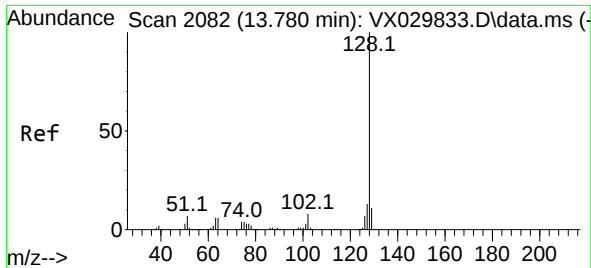
Tgt Ion:164 Resp: 1194
Ion Ratio Lower Upper
164 100
166 143.6 98.2 147.4
129 78.8 80.8 121.2#
131 93.4 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030085.D
Acq: 15 Jul 2022 12:43

Tgt Ion:152 Resp: 103879
Ion Ratio Lower Upper
152 100
115 58.8 40.5 121.5
150 158.7 0.0 347.0





#95

Naphthalene

Concen: 1.079 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX030085.D

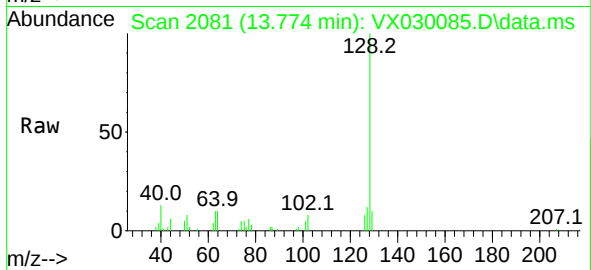
Acq: 15 Jul 2022 12:43

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-01-79-91-071322



Tgt Ion:128 Resp: 8934

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.2

129 10.7 8.6 13.0

