

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036734.D
 Acq On : 31 Jul 2023 20:47
 Operator : JC/MD
 Sample : 03850-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR-04-475-500-073123

Quant Time: Aug 01 08:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

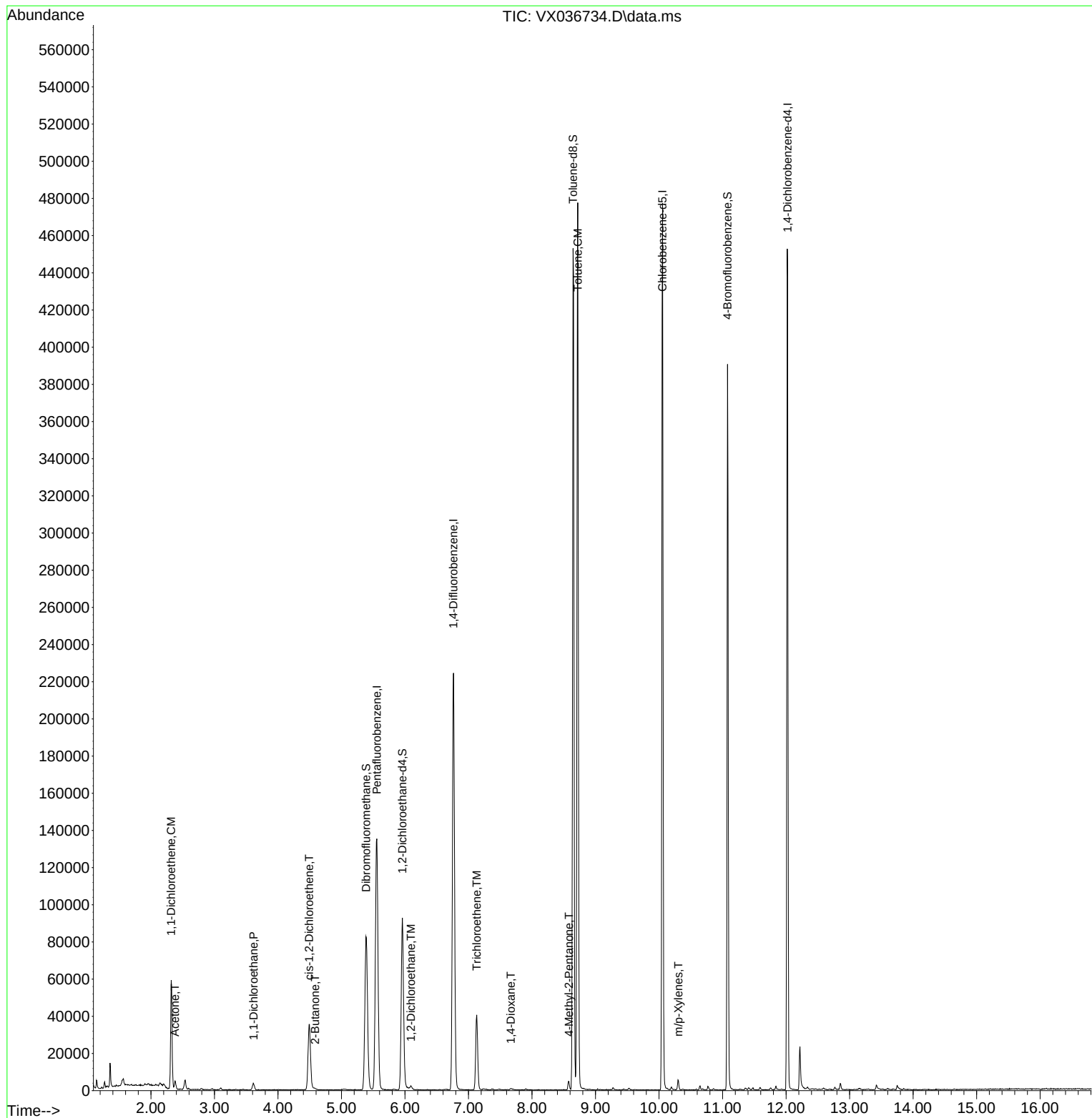
Internal Standards						
1) Pentafluorobenzene	5.556	168	127808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86152	45.556	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.120%
35) Dibromofluoromethane	5.385	113	73918	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	275032	49.221	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.079	95	102271	48.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.020%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	19313	13.495	ug/l	90
16) Acetone	2.380	43	4572	5.826	ug/l #	85
24) 1,1-Dichloroethane	3.617	63	4007	1.336	ug/l	95
25) 2-Butanone	4.587	43	1395	1.096	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	22958	12.085	ug/l	83
42) 1,2-Dichloroethane	6.092	62	2127	0.851	ug/l	97
44) Trichloroethene	7.129	130	15911	8.909	ug/l	99
49) 1,4-Dioxane	7.665	88	503	11.701	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	3101	1.225	ug/l	99
52) Toluene	8.720	92	180452	42.148	ug/l	97
68) m/p-Xylenes	10.305	106	1308	0.412	ug/l	96

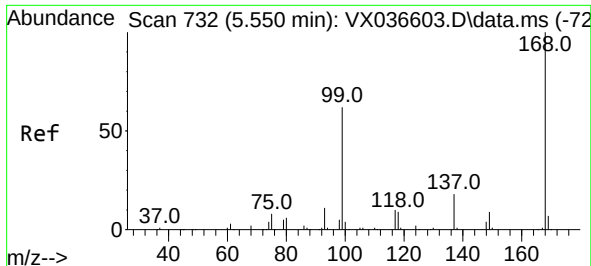
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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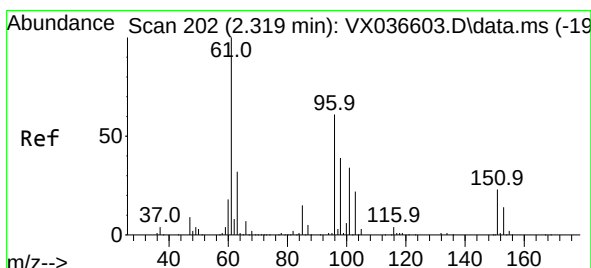
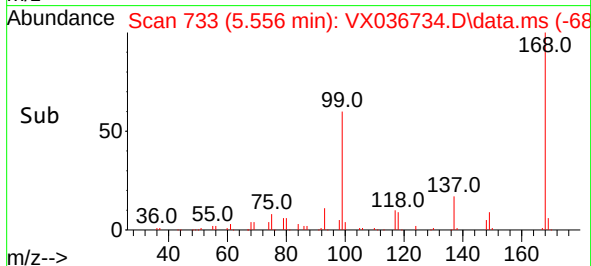
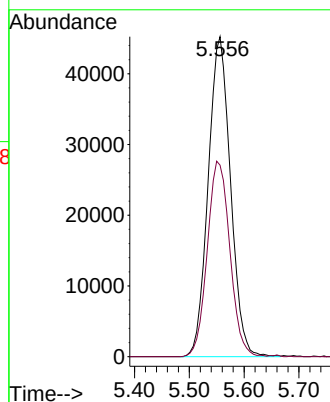
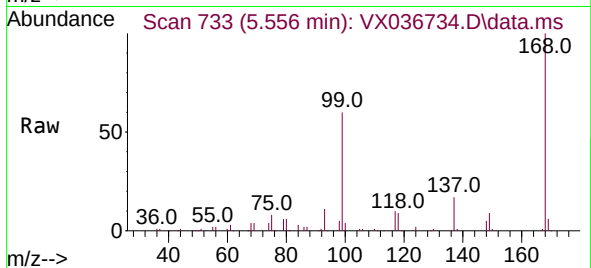




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

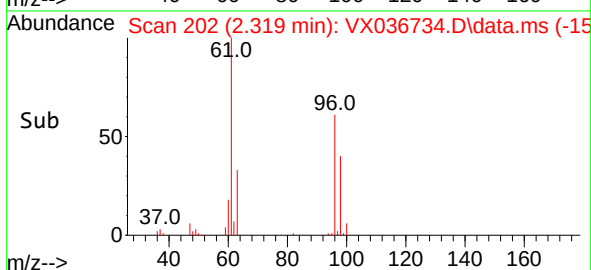
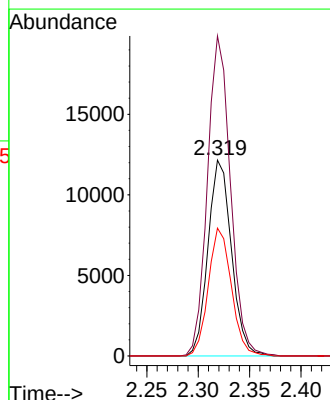
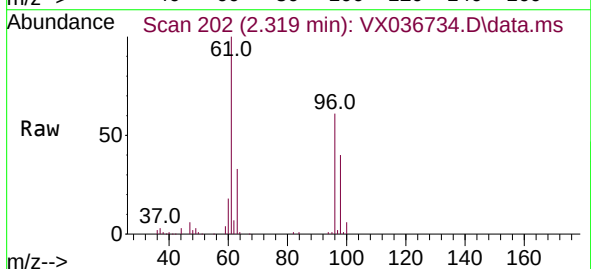
Instrument :
MSVOA_X
ClientSampleId :
GWBR-04-475-500-073123

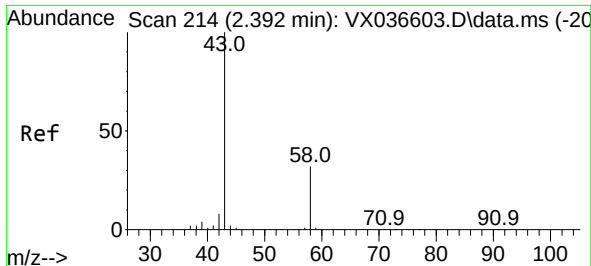
Tgt Ion:168 Resp: 127808
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#12
1,1-Dichloroethene
Concen: 13.495 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

Tgt Ion: 96 Resp: 19313
Ion Ratio Lower Upper
96 100
61 163.4 144.6 216.8
98 65.3 50.4 75.6

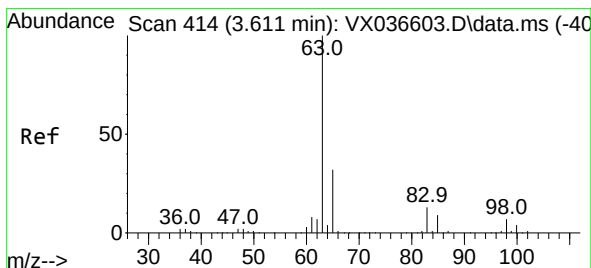
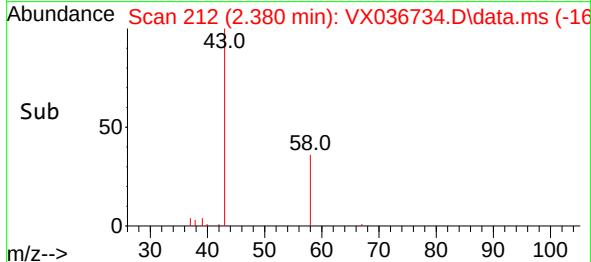
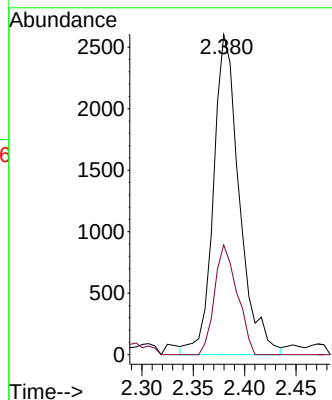
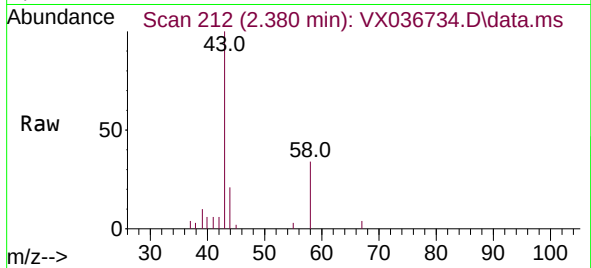




#16
Acetone
Concen: 5.826 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

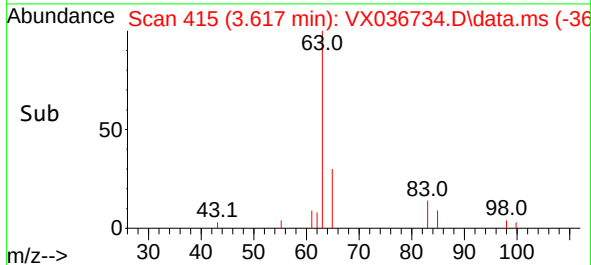
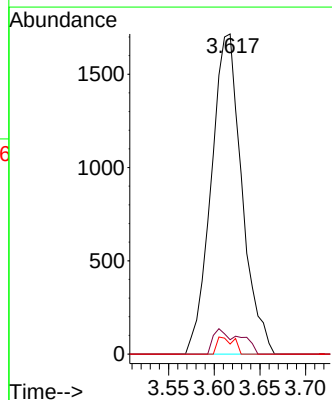
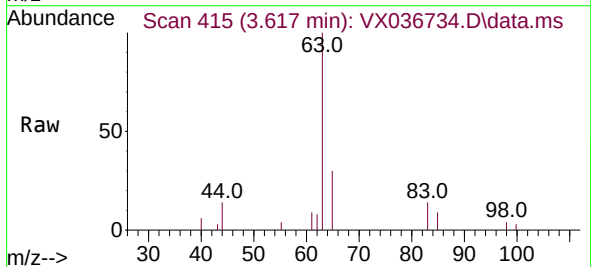
Instrument :
MSVOA_X
ClientSampleId :
GWBR-04-475-500-073123

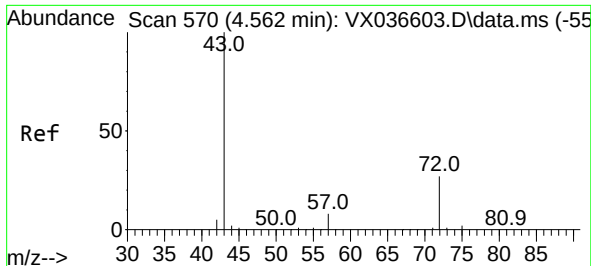
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
58 35.1 21.9 32.9#



#24
1,1-Dichloroethane
Concen: 1.336 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

Tgt Ion: 63 Resp: 4007
Ion Ratio Lower Upper
63 100
98 4.5 3.3 9.8
100 3.1 2.1 6.5

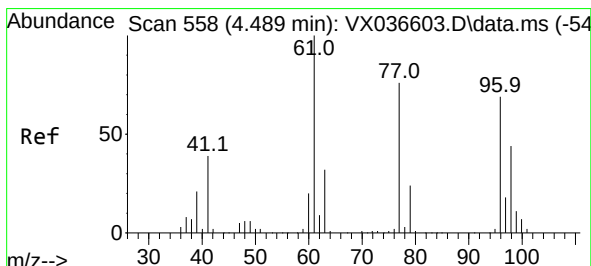
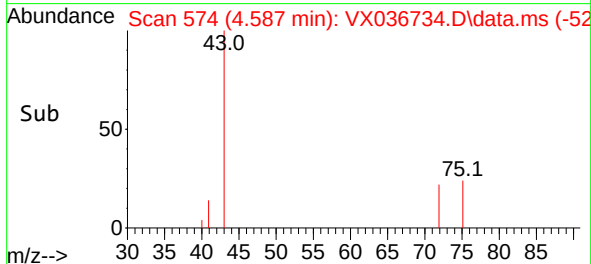
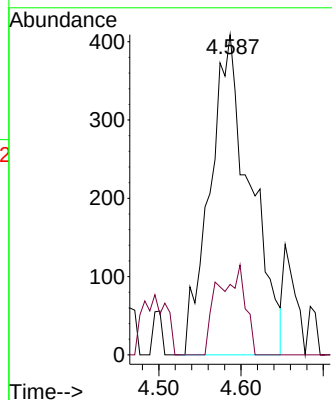
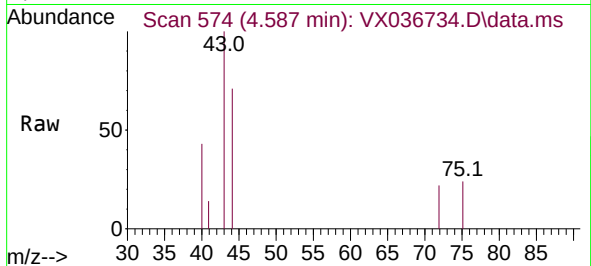




#25
2-Butanone
Concen: 1.096 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

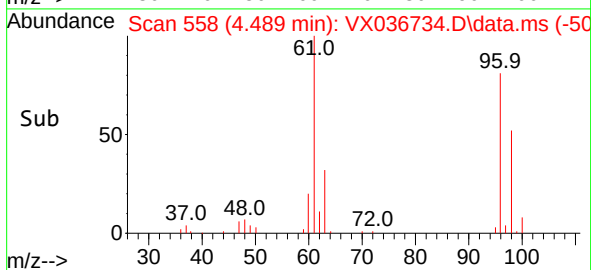
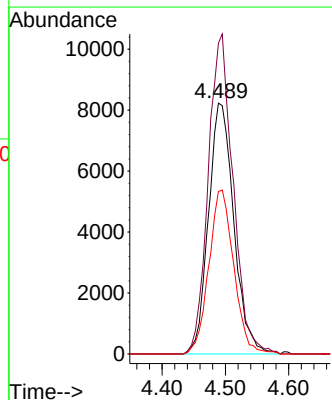
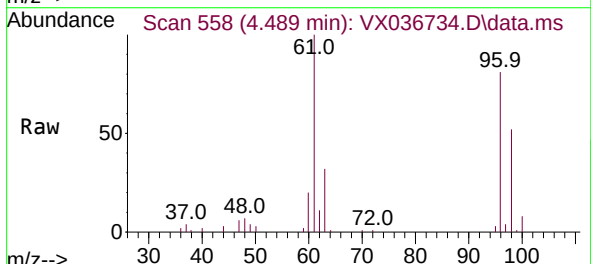
Instrument :
MSVOA_X
ClientSampleId :
GWBR-04-475-500-073123

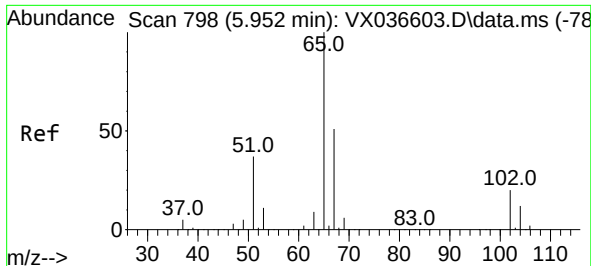
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
72 22.0 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 12.085 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

Tgt Ion: 96 Resp: 22958
Ion Ratio Lower Upper
96 100
61 124.8 0.0 312.2
98 64.3 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 45.556 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036734.D

Acq: 31 Jul 2023 20:47

Instrument :

MSVOA_X

ClientSampleId :

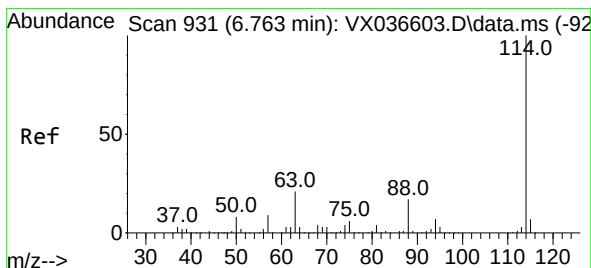
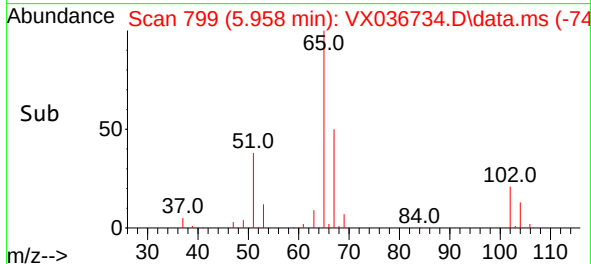
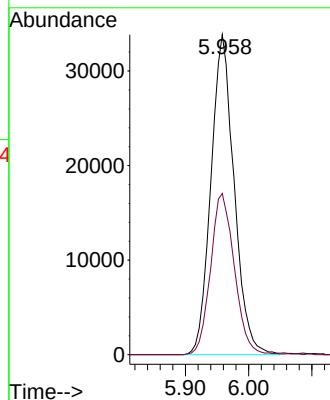
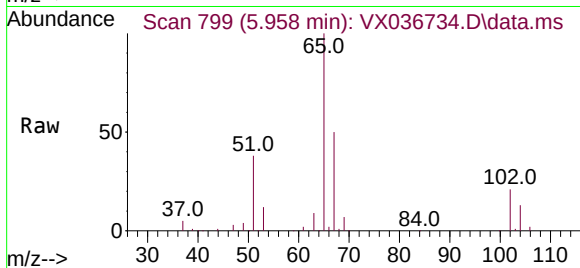
GWBR-04-475-500-073123

Tgt Ion: 65 Resp: 86152

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036734.D

Acq: 31 Jul 2023 20:47

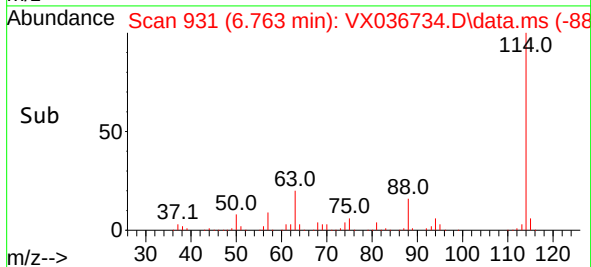
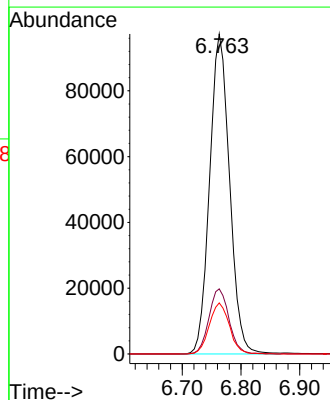
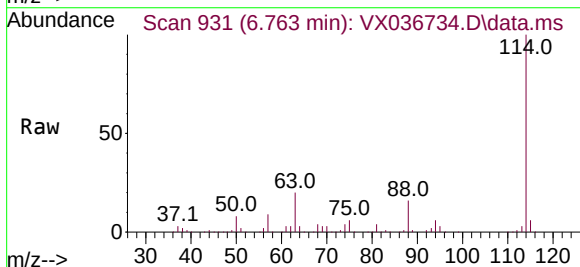
Tgt Ion: 114 Resp: 229240

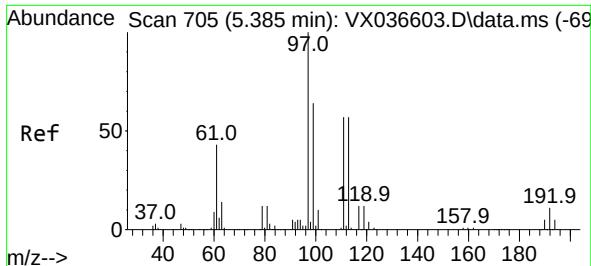
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.0 0.0 36.6

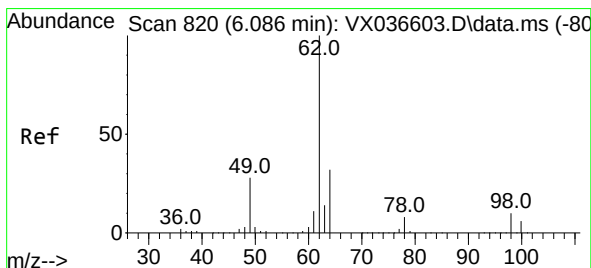
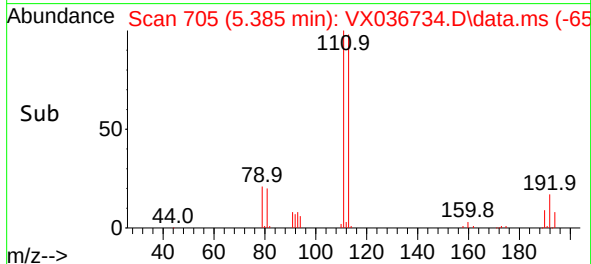
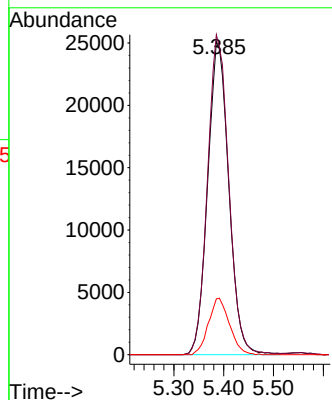
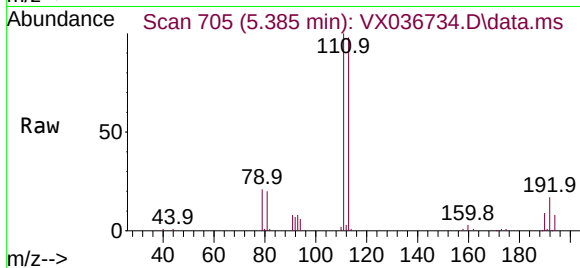




#35
Dibromofluoromethane
Concen: 46.912 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

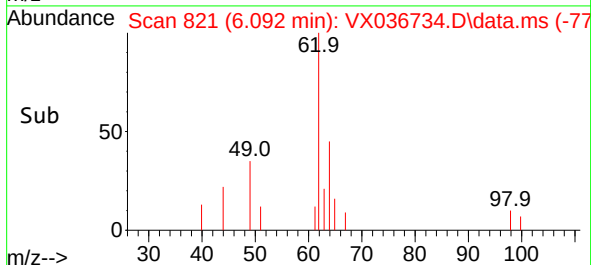
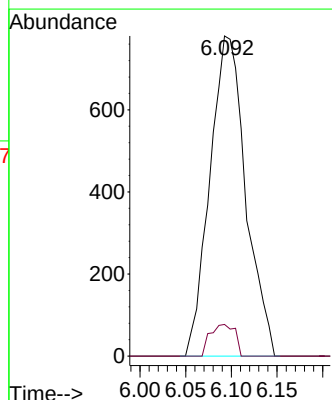
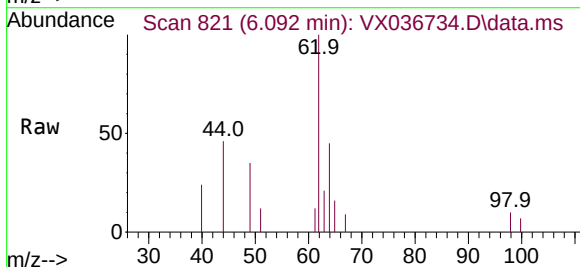
Instrument :
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ClientSampleId :
GWBR-04-475-500-073123

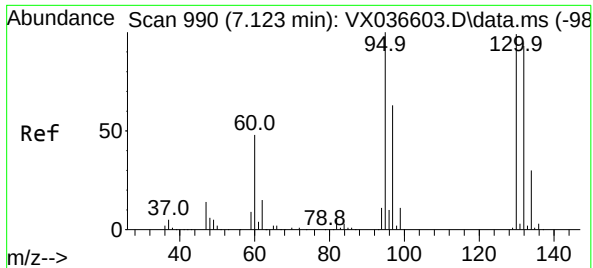
Tgt Ion:113 Resp: 73918
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 17.9 13.3 19.9



#42
1,2-Dichloroethane
Concen: 0.851 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

Tgt Ion: 62 Resp: 2127
Ion Ratio Lower Upper
62 100
98 6.9 0.0 16.0

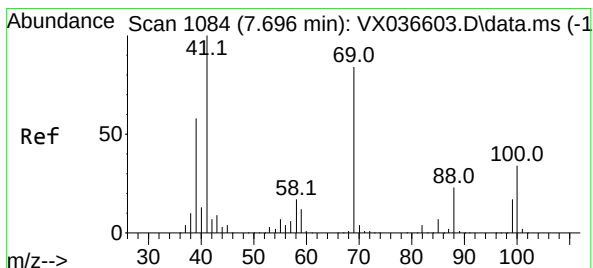
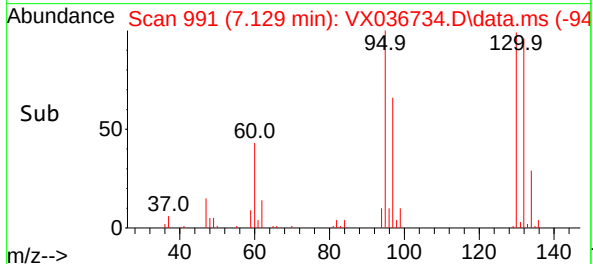
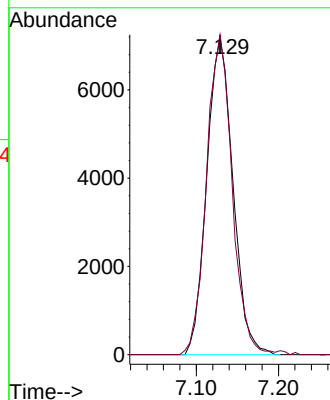
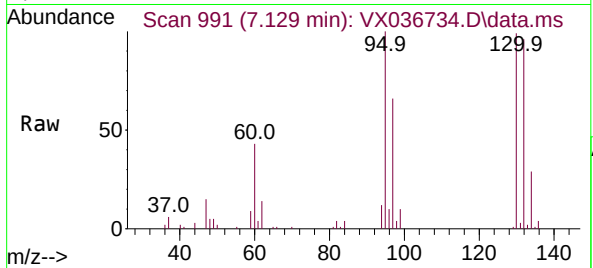




#44
Trichloroethene
Concen: 8.909 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

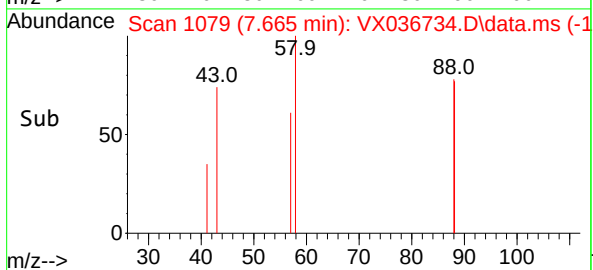
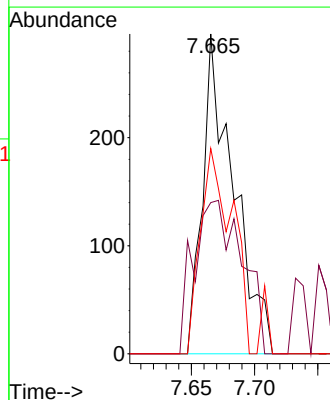
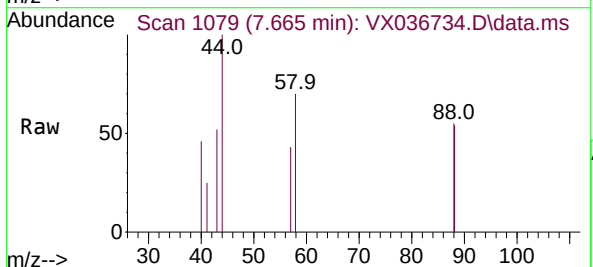
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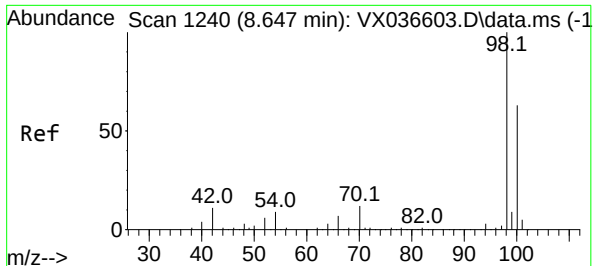
Tgt Ion:130 Resp: 15911
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.4



#49
1,4-Dioxane
Concen: 11.701 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.030 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

Tgt Ion: 88 Resp: 503
Ion Ratio Lower Upper
88 100
43 75.3 0.0 0.0#
58 66.2 60.1 90.1

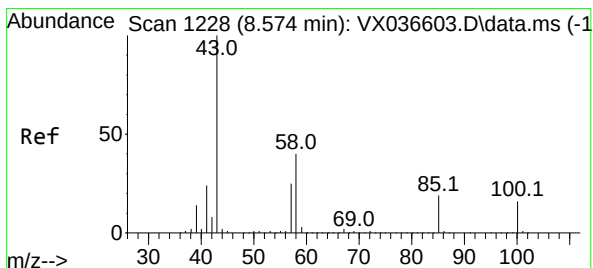
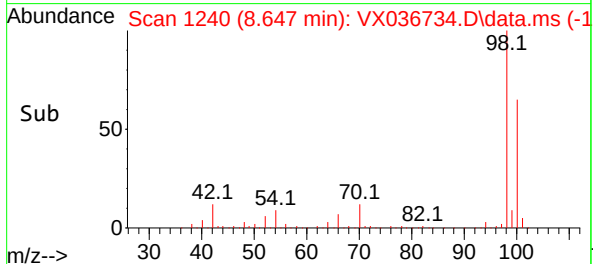
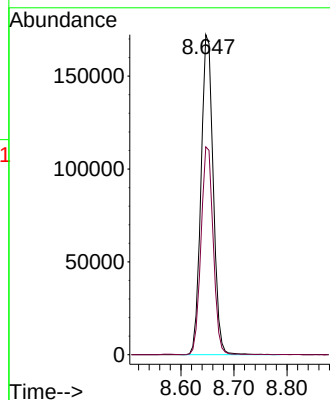
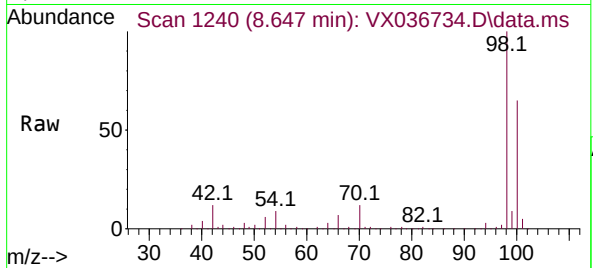




#50
Toluene-d8
Concen: 49.221 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

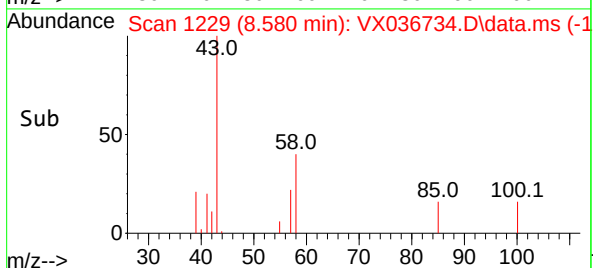
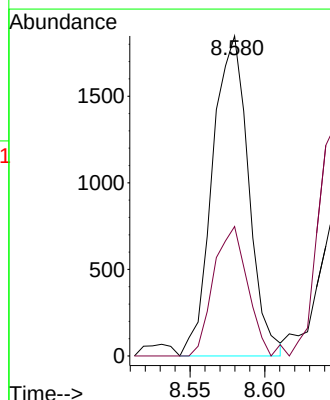
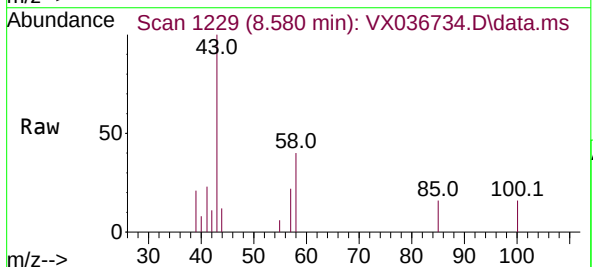
Instrument :
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GWBR-04-475-500-073123

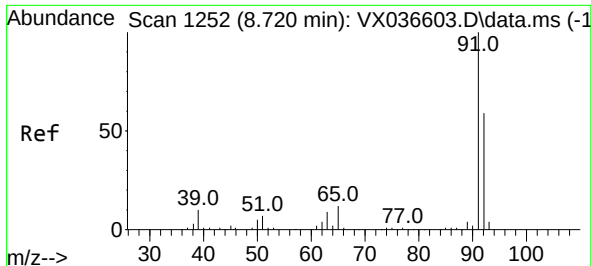
Tgt Ion: 98 Resp: 275032
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.225 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

Tgt Ion: 43 Resp: 3101
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

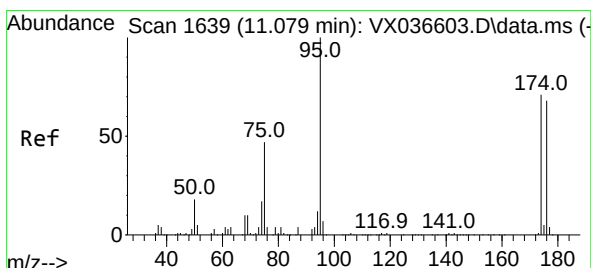
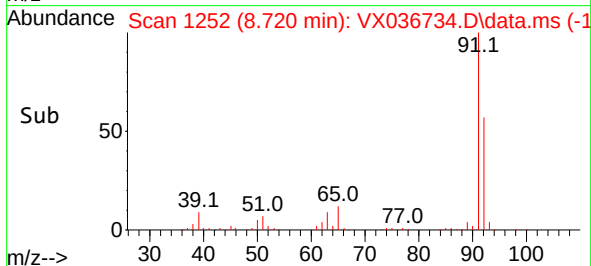
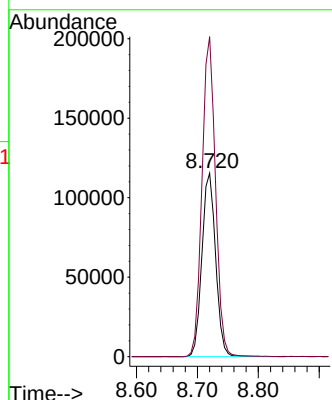
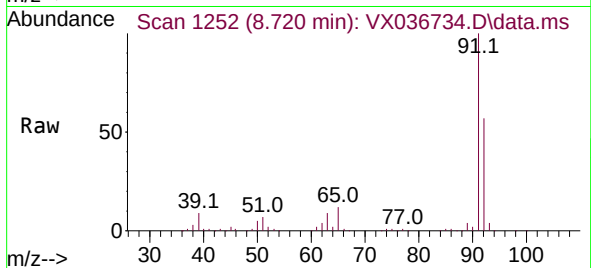




#52
Toluene
Concen: 42.148 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

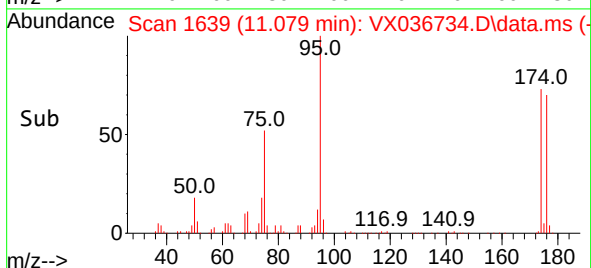
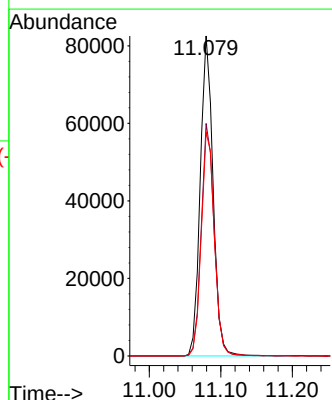
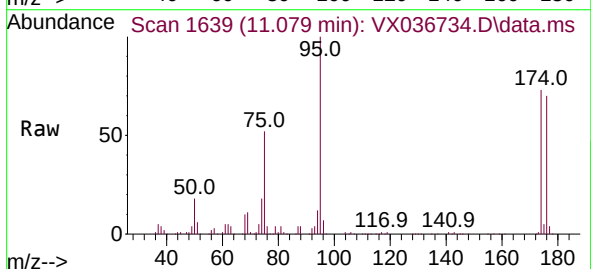
Instrument :
MSVOA_X
ClientSampleId :
GWBR-04-475-500-073123

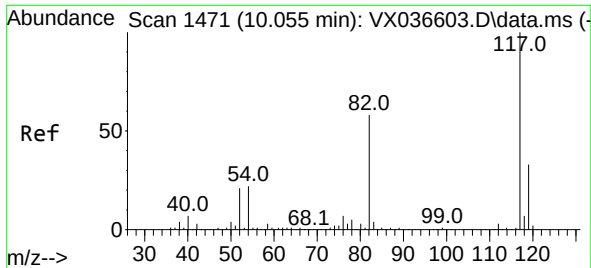
Tgt Ion: 92 Resp: 180452
Ion Ratio Lower Upper
92 100
91 171.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

Tgt Ion: 95 Resp: 102271
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 71.6 0.0 131.0

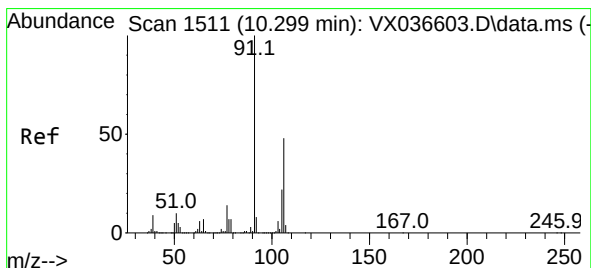
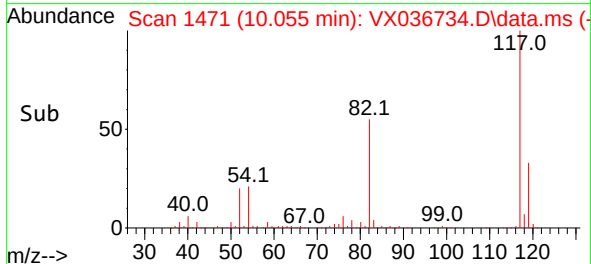
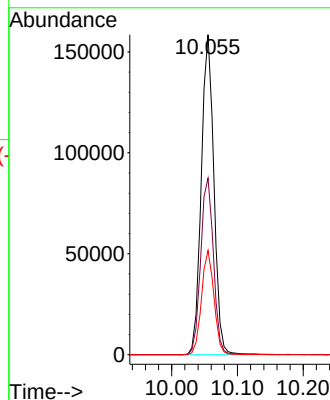
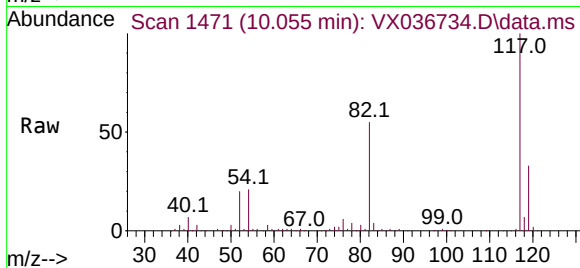




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

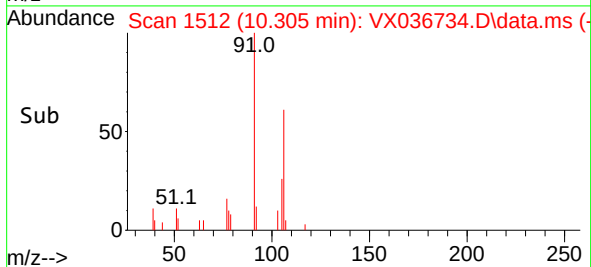
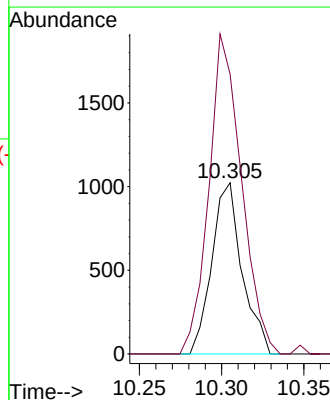
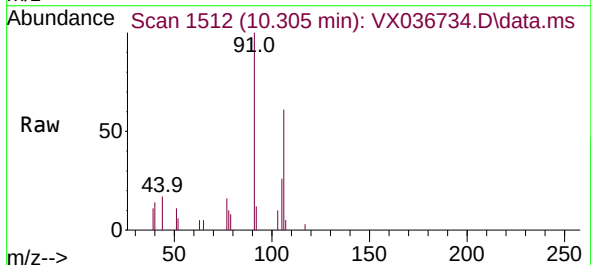
Instrument :
MSVOA_X
ClientSampleId :
GWBR-04-475-500-073123

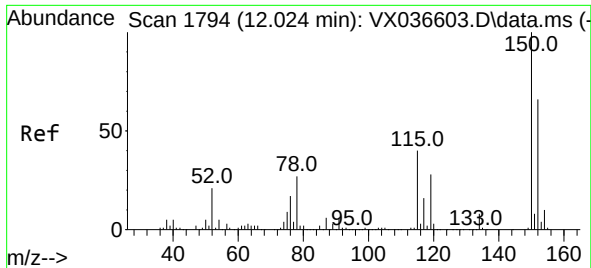
Tgt Ion:117 Resp: 211379
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.412 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036734.D
Acq: 31 Jul 2023 20:47

Tgt Ion:106 Resp: 1308
Ion Ratio Lower Upper
106 100
91 201.2 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036734.D

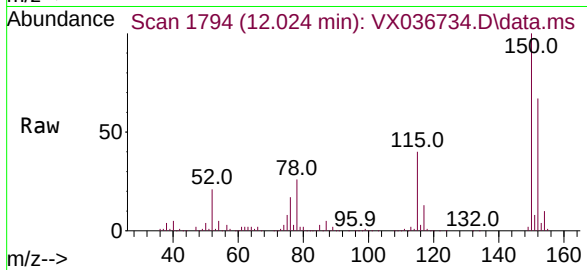
Acq: 31 Jul 2023 20:47

Instrument :

MSVOA_X

ClientSampleId :

GWBR-04-475-500-073123



Tgt Ion:152 Resp: 94665

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 154.9 0.0 345.0

