

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011222\
 Data File : VX026439.D
 Acq On : 12 Jan 2022 17:20
 Operator : JC/MD
 Sample : N1122-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-PDB-472-493-011222

Quant Time: Jan 13 05:54:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

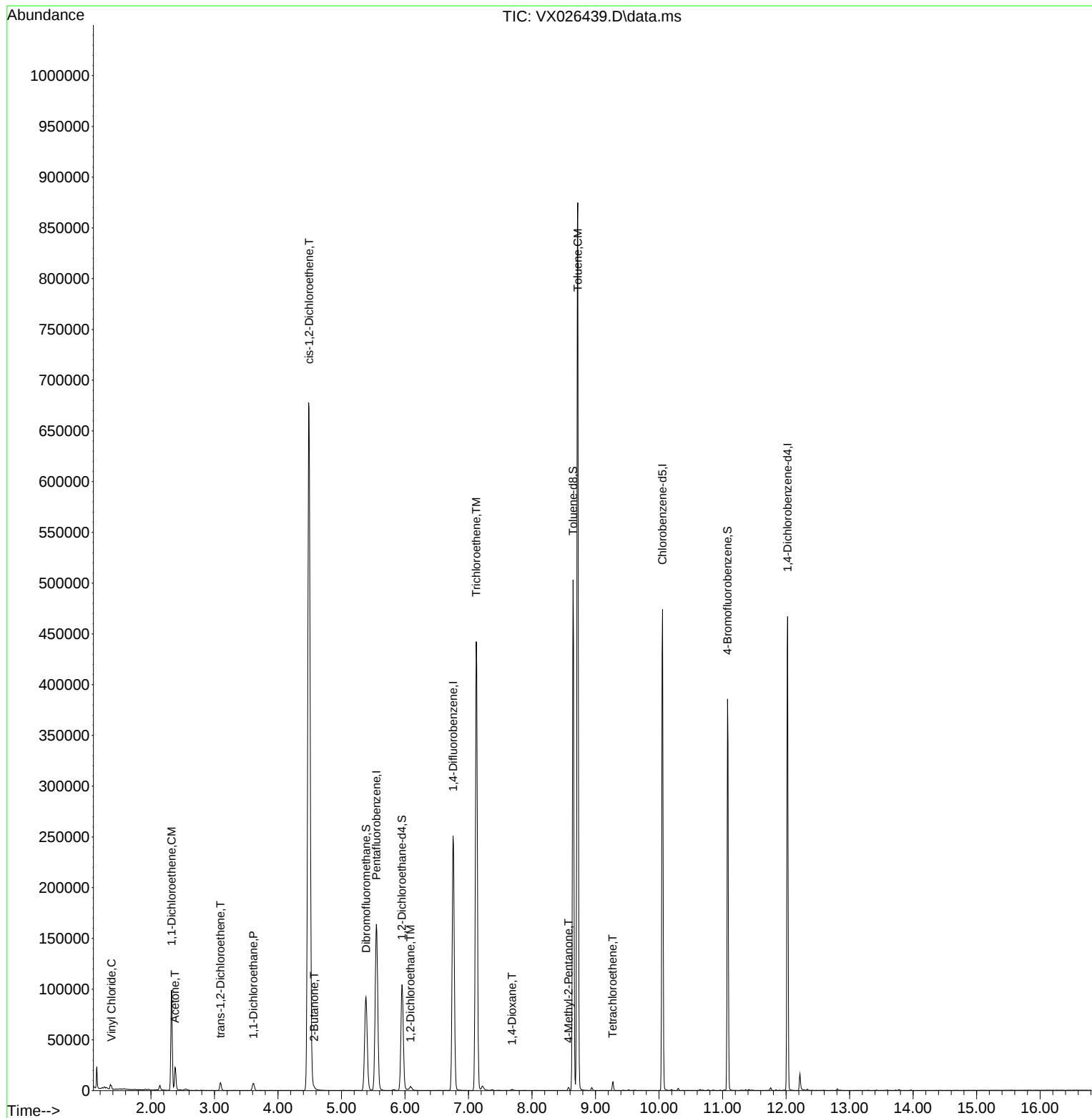
Internal Standards						
1) Pentafluorobenzene	5.550	168	151630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	252812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104596	49.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.760%
35) Dibromofluoromethane	5.385	113	80631	49.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	8.647	98	288728	49.077	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	105639	50.547	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.100%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	1172	0.680	ug/l	91
12) 1,1-Dichloroethene	2.325	96	31398	19.827	ug/l	95
16) Acetone	2.380	43	25188	23.318	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	3041	1.774	ug/l	91
24) 1,1-Dichloroethane	3.611	63	8301	2.598	ug/l	97
25) 2-Butanone	4.568	43	3154	2.245	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	425462	217.454	ug/l	91
42) 1,2-Dichloroethane	6.086	62	4475	1.606	ug/l	98
44) Trichloroethene	7.123	130	170853	84.524	ug/l	98
49) 1,4-Dioxane	7.684	88	546	15.942	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1931	0.773	ug/l	92
52) Toluene	8.720	92	326364	74.710	ug/l	100
64) Tetrachloroethene	9.269	164	1642	0.812	ug/l	95

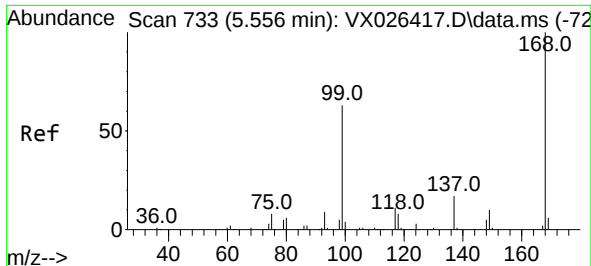
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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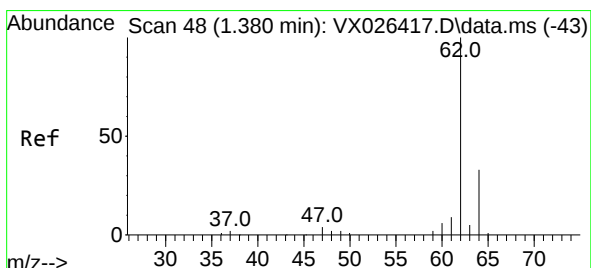
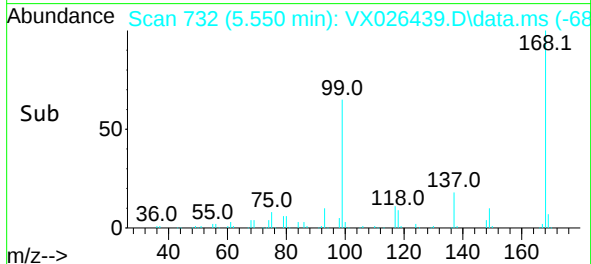
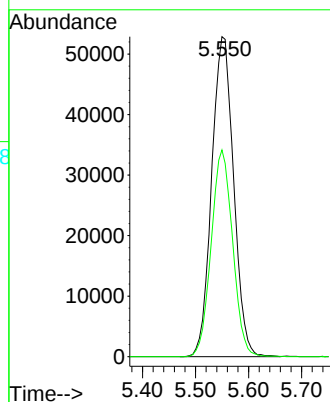
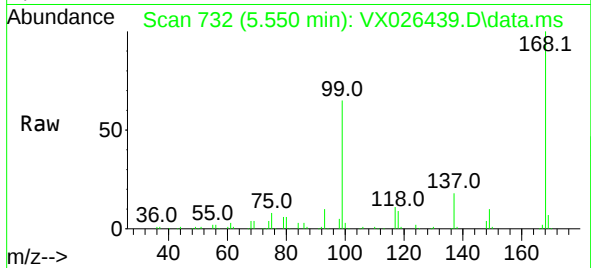




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

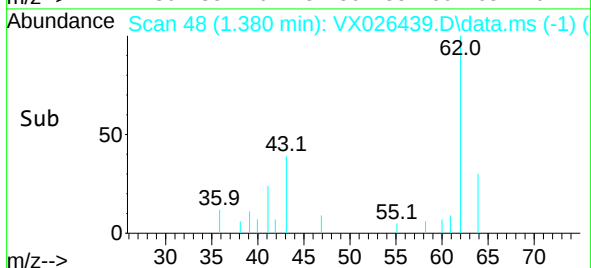
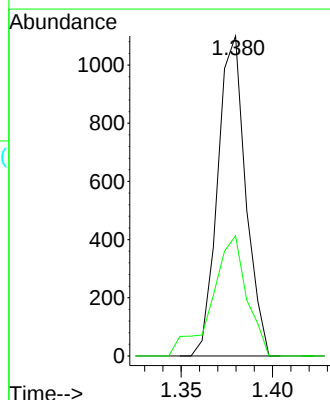
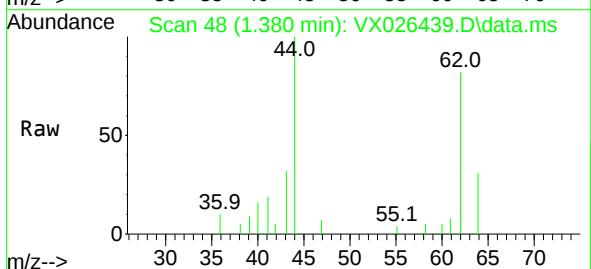
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-PDB-472-493-011222

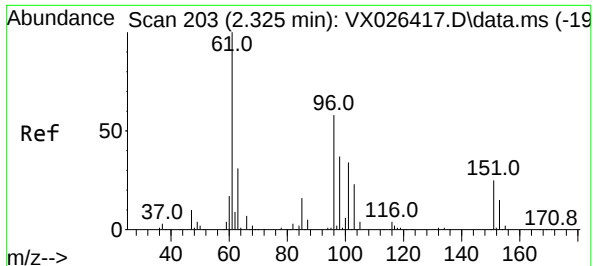
Tgt Ion:168 Resp: 151630
Ion Ratio Lower Upper
168 100
99 64.6 50.3 75.5



#4
Vinyl Chloride
Concen: 0.680 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

Tgt Ion: 62 Resp: 1172
Ion Ratio Lower Upper
62 100
64 37.5 26.2 39.2





#12

1,1-Dichloroethene

Concen: 19.827 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026439.D

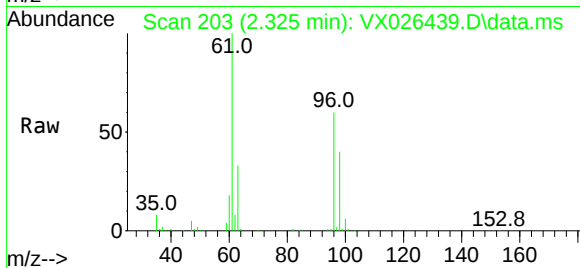
Acq: 12 Jan 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

GWBR3D-PDB-472-493-011222



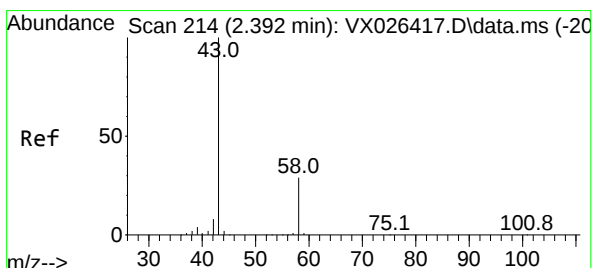
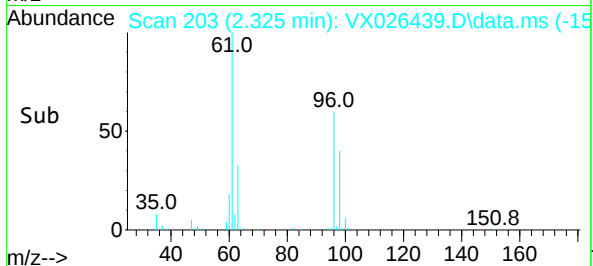
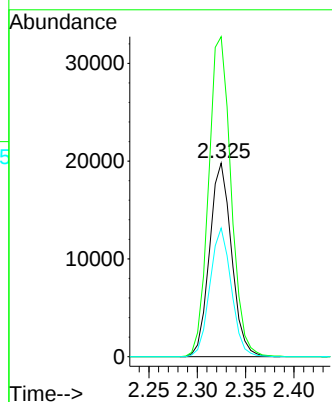
Tgt Ion: 96 Resp: 31398

Ion Ratio Lower Upper

96 100

61 165.3 138.5 207.7

98 66.5 51.8 77.6



#16

Acetone

Concen: 23.318 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX026439.D

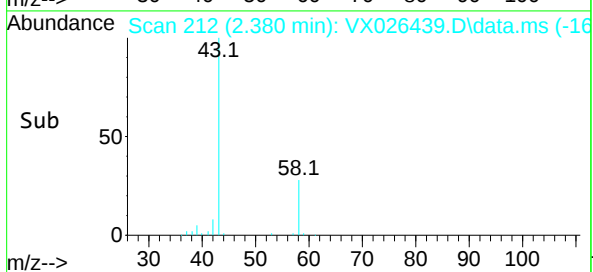
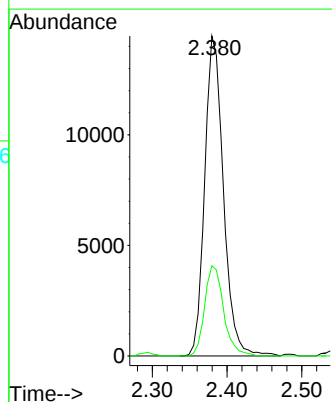
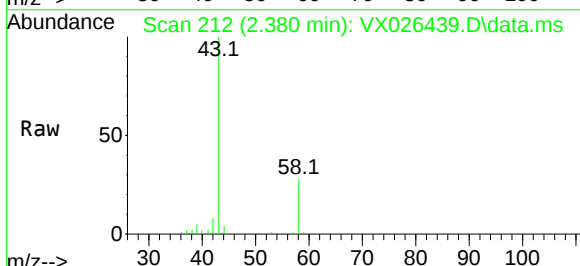
Acq: 12 Jan 2022 17:20

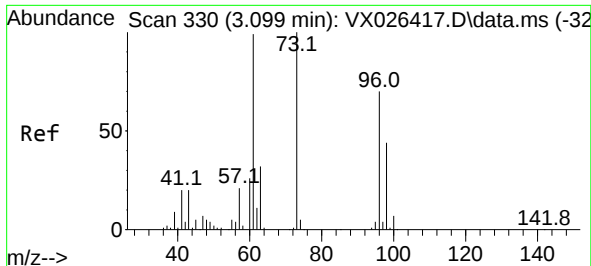
Tgt Ion: 43 Resp: 25188

Ion Ratio Lower Upper

43 100

58 28.2 23.0 34.6

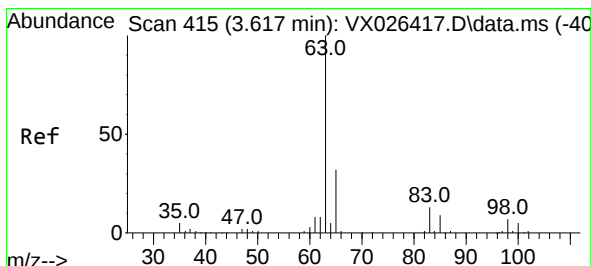
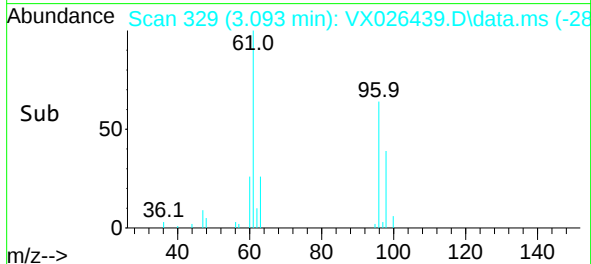
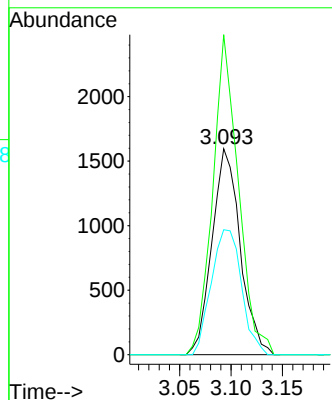
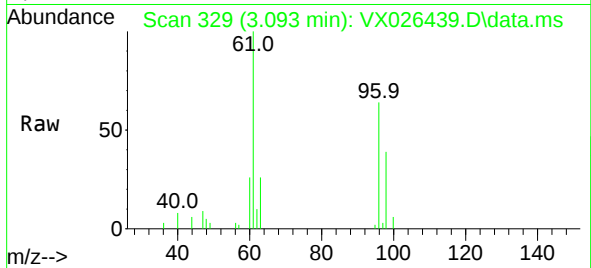




#21
trans-1,2-Dichloroethene
Concen: 1.774 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

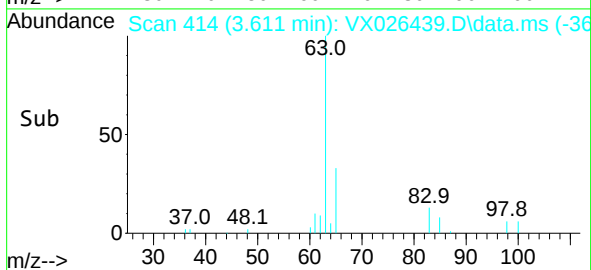
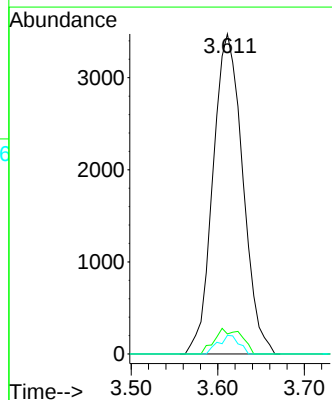
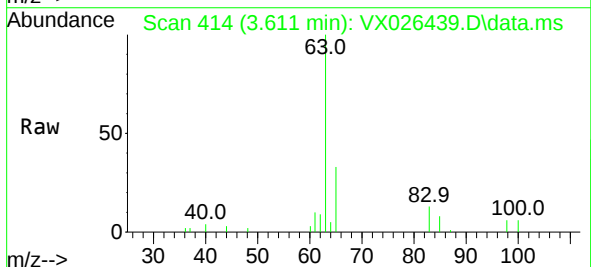
Instrument :
MSVOA_X
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GWBR3D-PDB-472-493-011222

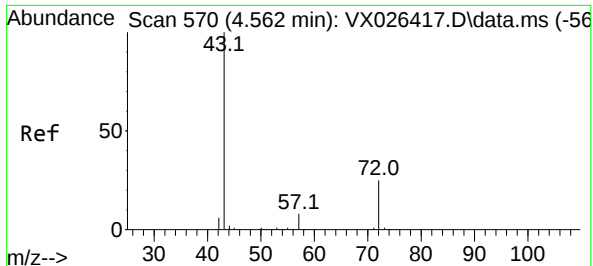
Tgt Ion: 96 Resp: 3041
Ion Ratio Lower Upper
96 100
61 155.4 112.9 169.3
98 60.7 49.5 74.3



#24
1,1-Dichloroethane
Concen: 2.598 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

Tgt Ion: 63 Resp: 8301
Ion Ratio Lower Upper
63 100
98 6.3 3.7 11.1
100 5.8 2.4 7.2

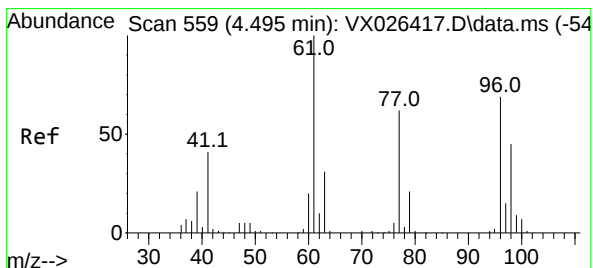
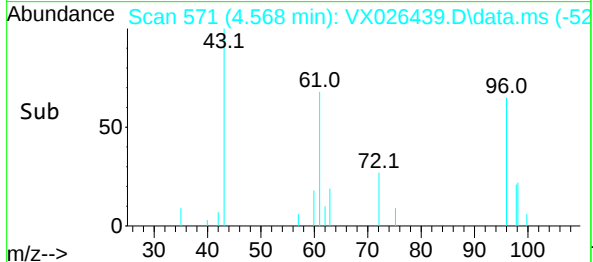
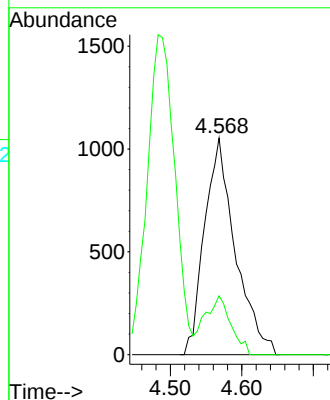
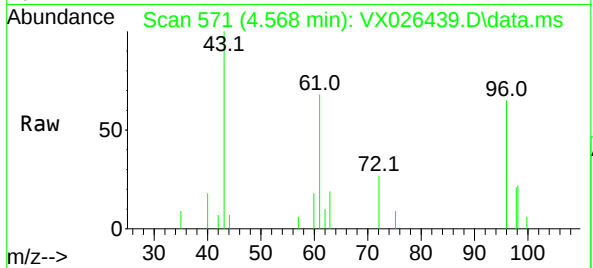




#25
2-Butanone
Concen: 2.245 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

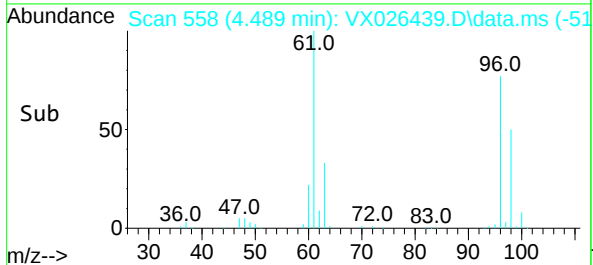
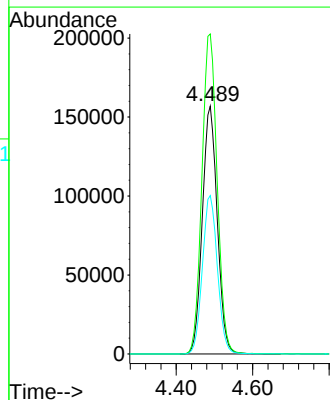
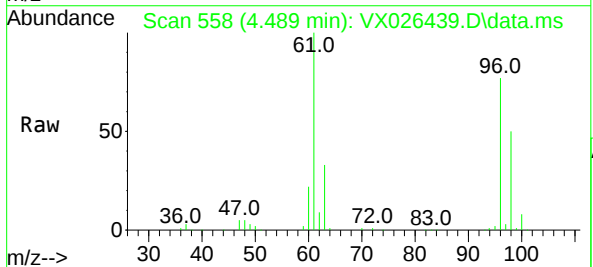
Instrument :
MSVOA_X
ClientSampleId :
GWR3D-PDB-472-493-011222

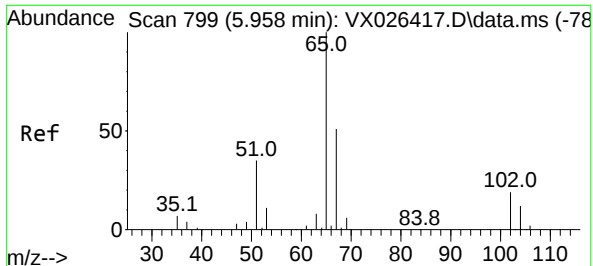
Tgt Ion: 43 Resp: 3154
Ion Ratio Lower Upper
43 100
72 27.2 20.4 30.6



#27
cis-1,2-Dichloroethene
Concen: 217.454 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

Tgt Ion: 96 Resp: 425462
Ion Ratio Lower Upper
96 100
61 131.8 0.0 296.6
98 64.3 0.0 128.8

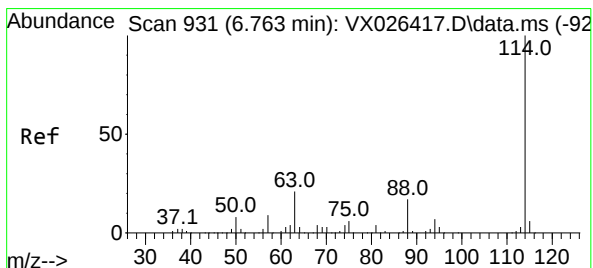
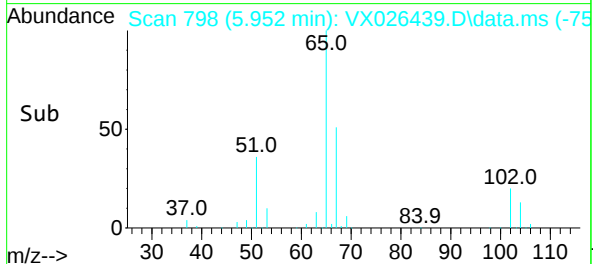
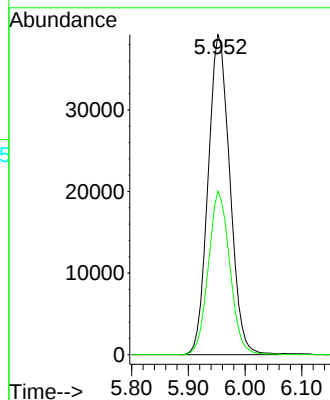
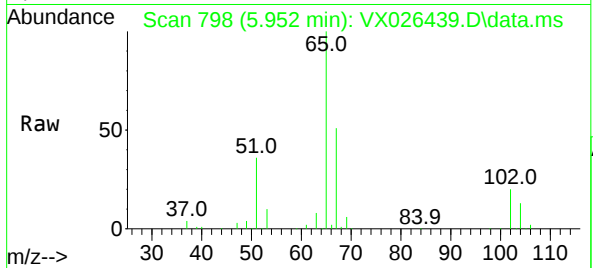




#33
 1,2-Dichloroethane-d4
 Concen: 49.381 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX026439.D
 Acq: 12 Jan 2022 17:20

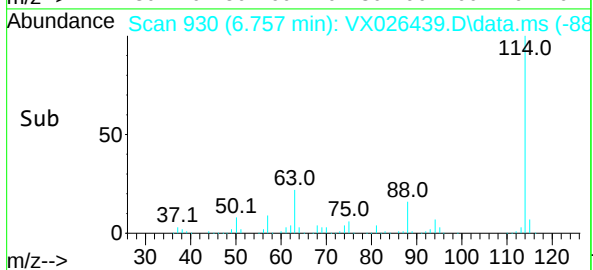
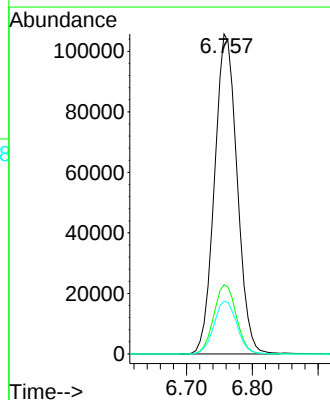
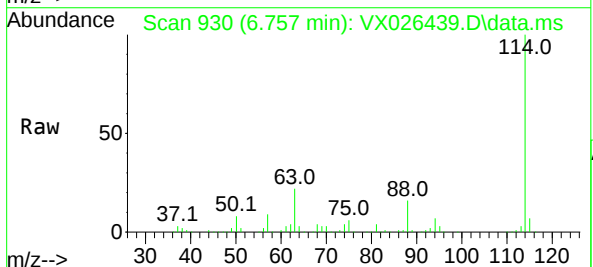
Instrument : MSVOA_X
 ClientSampleId : GWBR3D-PDB-472-493-011222

Tgt Ion: 65 Resp: 104596
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX026439.D
 Acq: 12 Jan 2022 17:20

Tgt Ion: 114 Resp: 252812
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 16.4 0.0 33.0

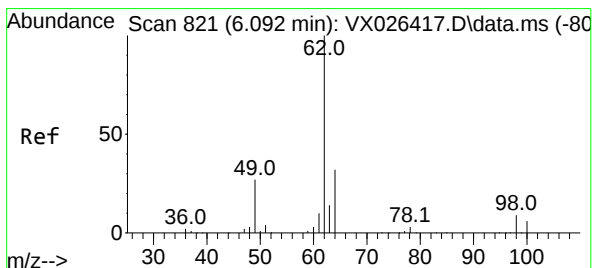
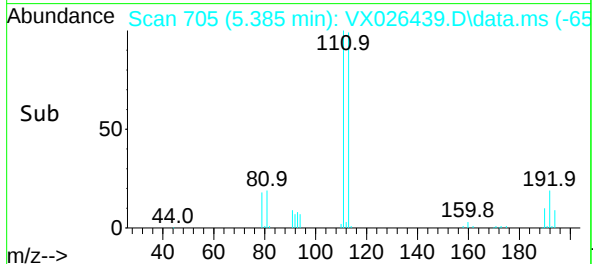
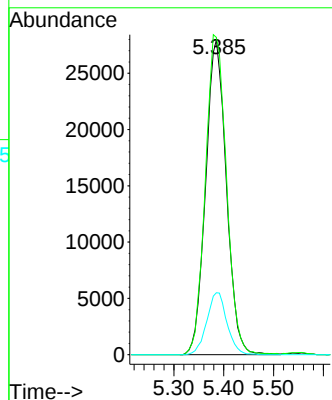
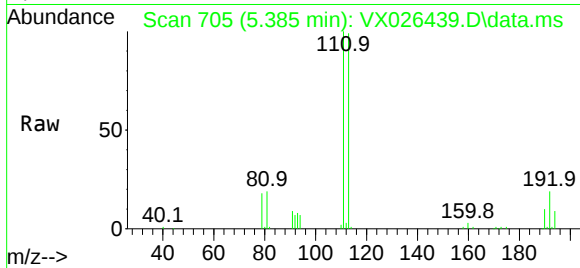




#35
Dibromofluoromethane
Concen: 49.389 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

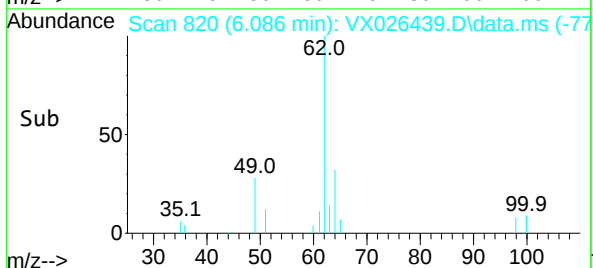
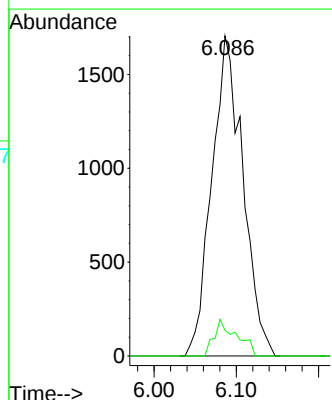
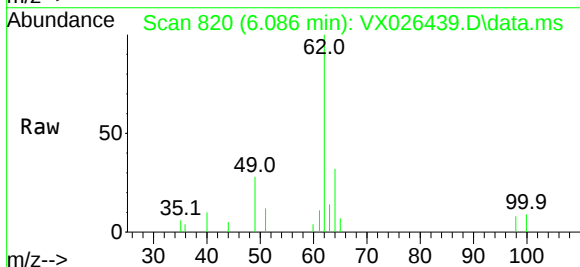
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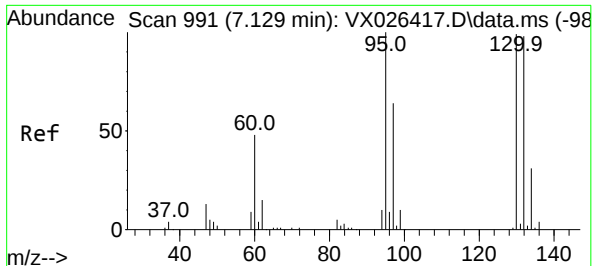
Tgt Ion:113 Resp: 80631
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 19.2 15.0 22.4



#42
1,2-Dichloroethane
Concen: 1.606 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

Tgt Ion: 62 Resp: 4475
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.8

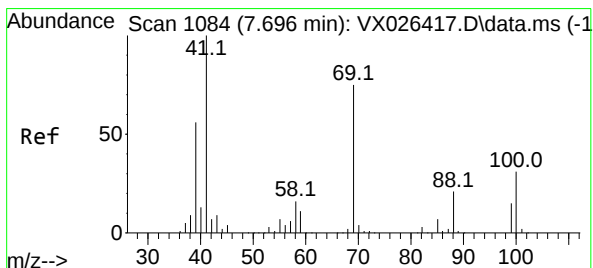
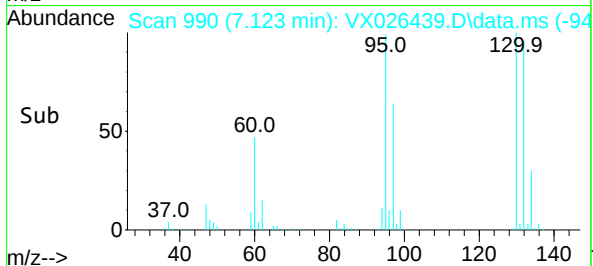
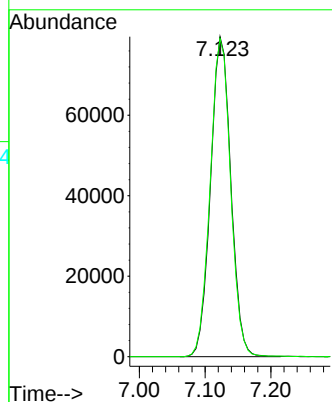
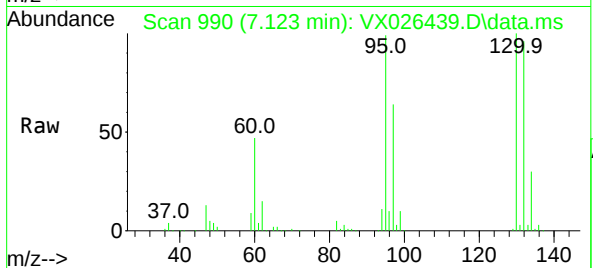




#44
Trichloroethene
Concen: 84.524 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

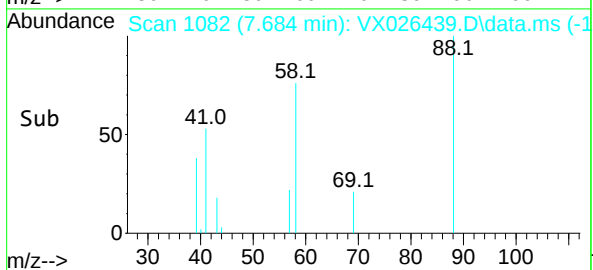
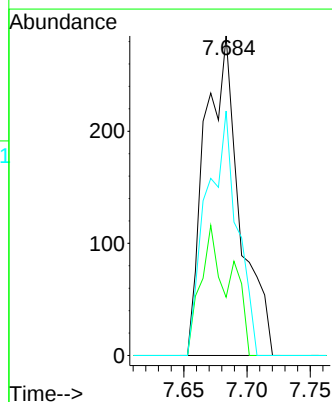
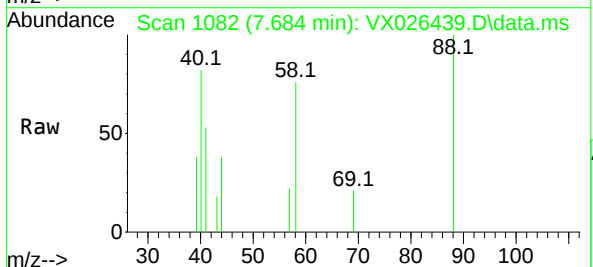
Instrument :
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ClientSampleId :
GWBR3D-PDB-472-493-011222

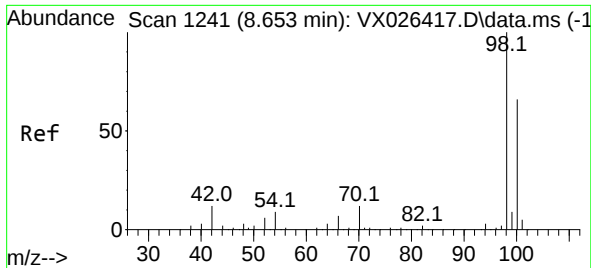
Tgt Ion:130 Resp: 170853
Ion Ratio Lower Upper
130 100
95 99.4 0.0 202.6



#49
1,4-Dioxane
Concen: 15.942 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.012 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

Tgt Ion: 88 Resp: 546
Ion Ratio Lower Upper
88 100
43 34.1 29.9 44.9
58 67.2 57.8 86.6

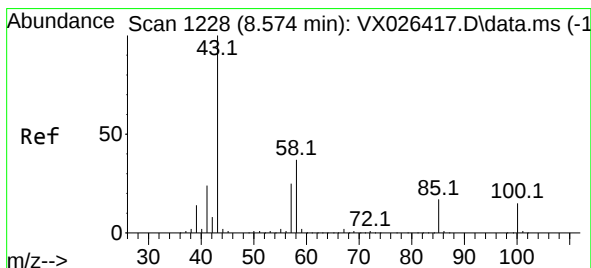
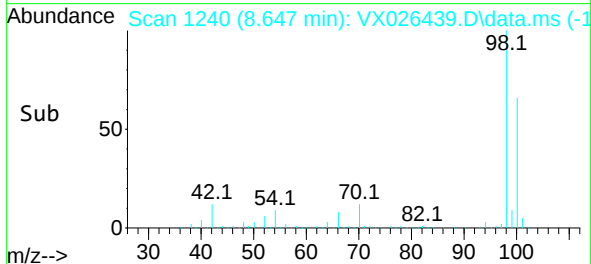
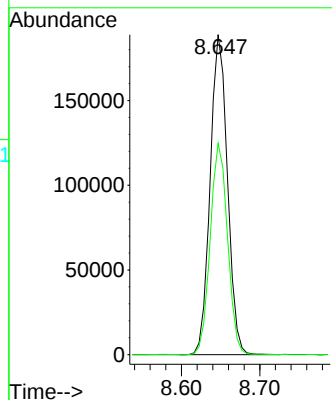
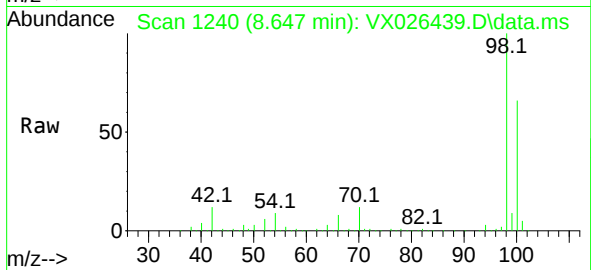




#50
Toluene-d8
Concen: 49.077 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

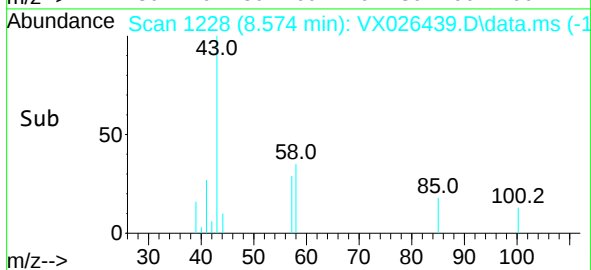
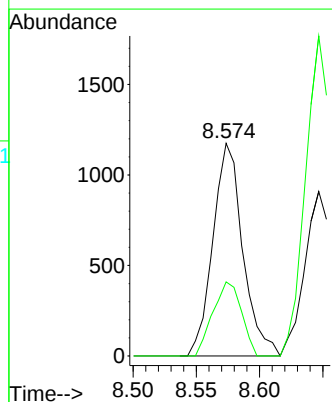
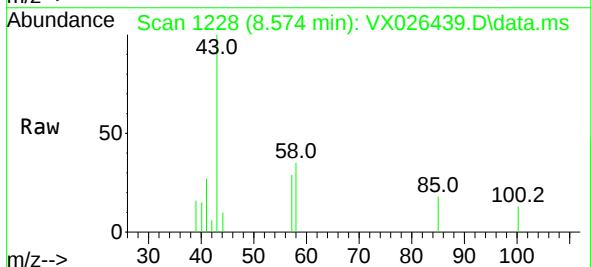
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-PDB-472-493-011222

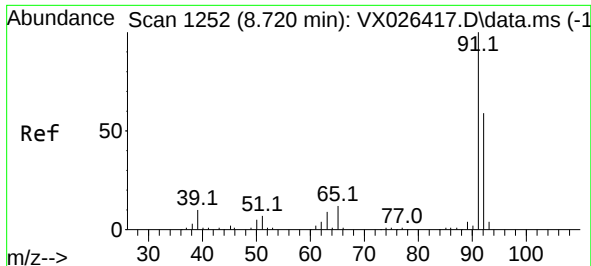
Tgt Ion: 98 Resp: 288728
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.773 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
58 33.1 30.5 45.7

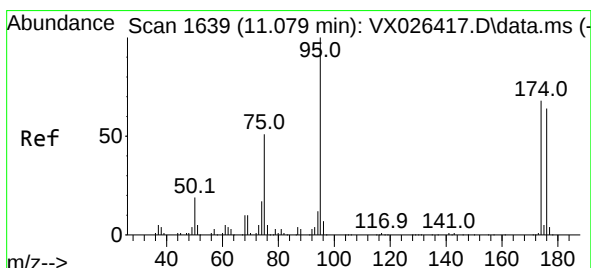
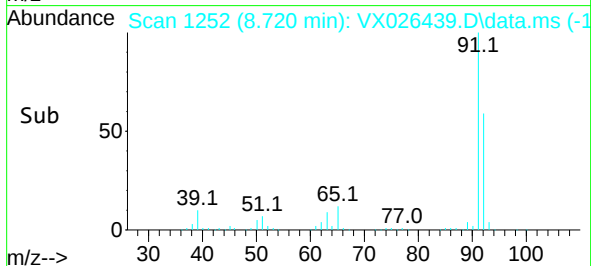
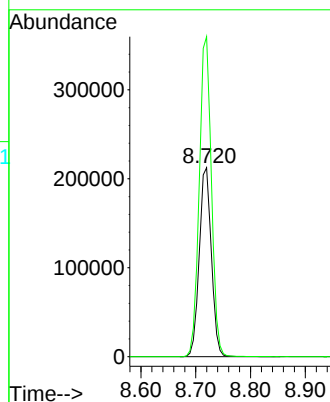
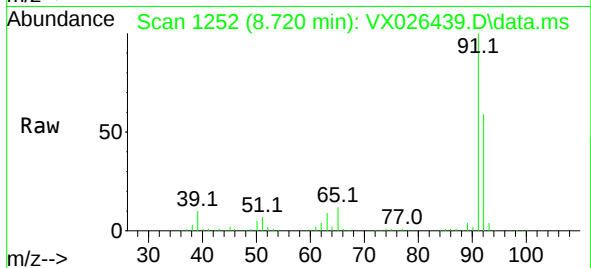




#52
Toluene
Concen: 74.710 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

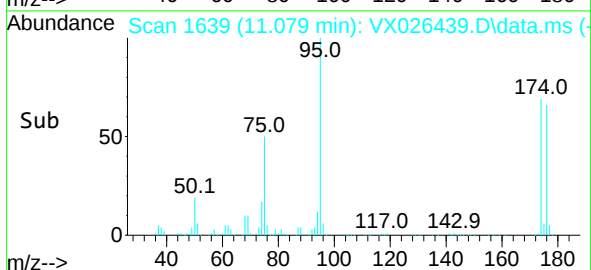
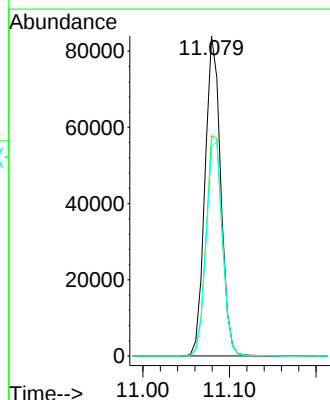
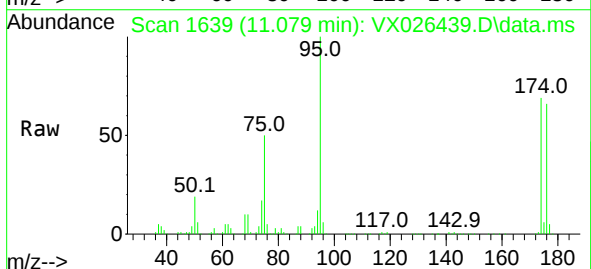
Instrument : MSVOA_X
ClientSampleId : GWBR3D-PDB-472-493-011222

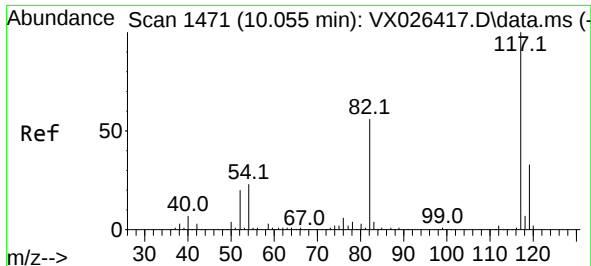
Tgt Ion: 92 Resp: 326364
Ion Ratio Lower Upper
92 100
91 170.0 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 50.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

Tgt Ion: 95 Resp: 105639
Ion Ratio Lower Upper
95 100
174 71.5 0.0 148.6
176 69.9 0.0 141.4

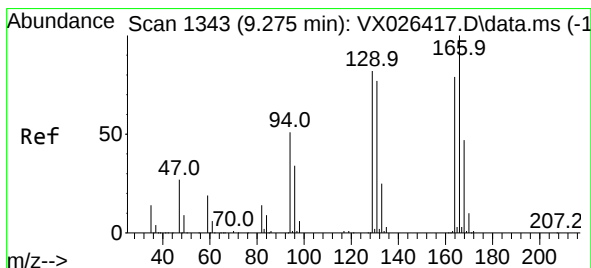
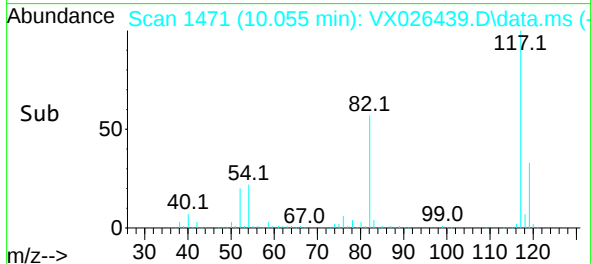
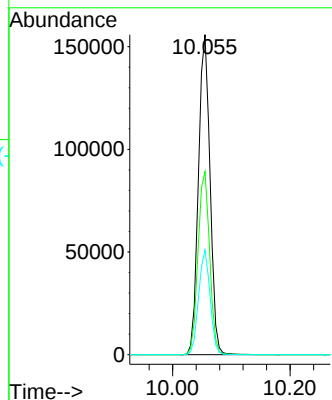
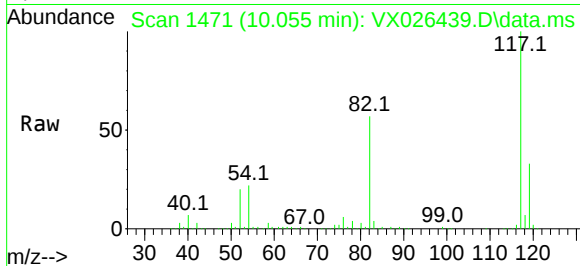




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

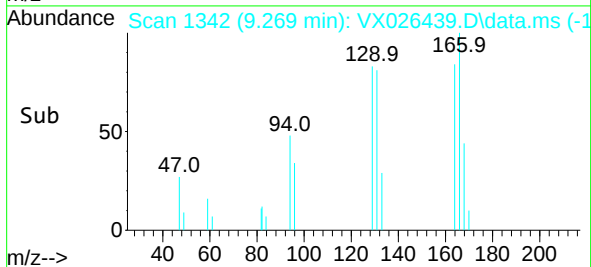
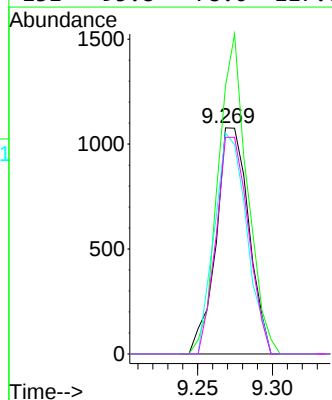
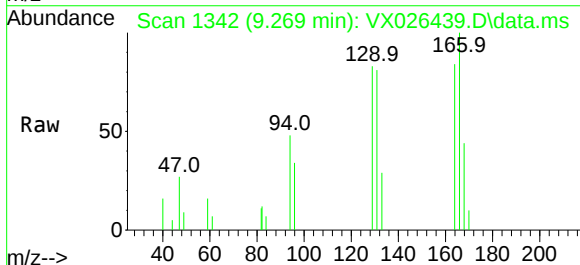
Instrument : MSVOA_X
ClientSampleId : GWBR3D-PDB-472-493-011222

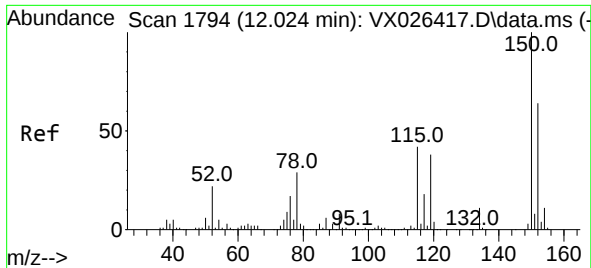
Tgt Ion:117 Resp: 213945
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 0.812 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX026439.D
Acq: 12 Jan 2022 17:20

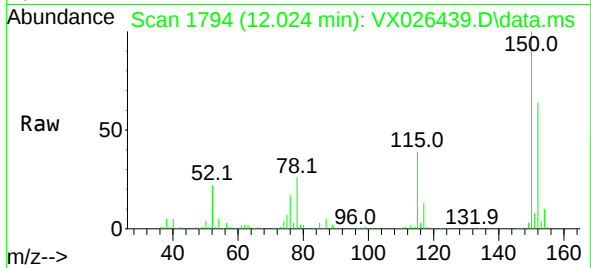
Tgt Ion:164 Resp: 1642
Ion Ratio Lower Upper
164 100
166 118.5 101.8 152.6
129 97.9 83.3 124.9
131 95.8 78.0 117.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026439.D
 Acq: 12 Jan 2022 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-PDB-472-493-011222



Tgt Ion:152 Resp: 93768
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.2 132.6
 150 157.1 0.0 348.2

