

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026567.D
 Acq On : 25 Jan 2022 14:26
 Operator : JC/MD
 Sample : N1252-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-B-465-493-012422-FDDL

Quant Time: Jan 26 06:12:45 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)

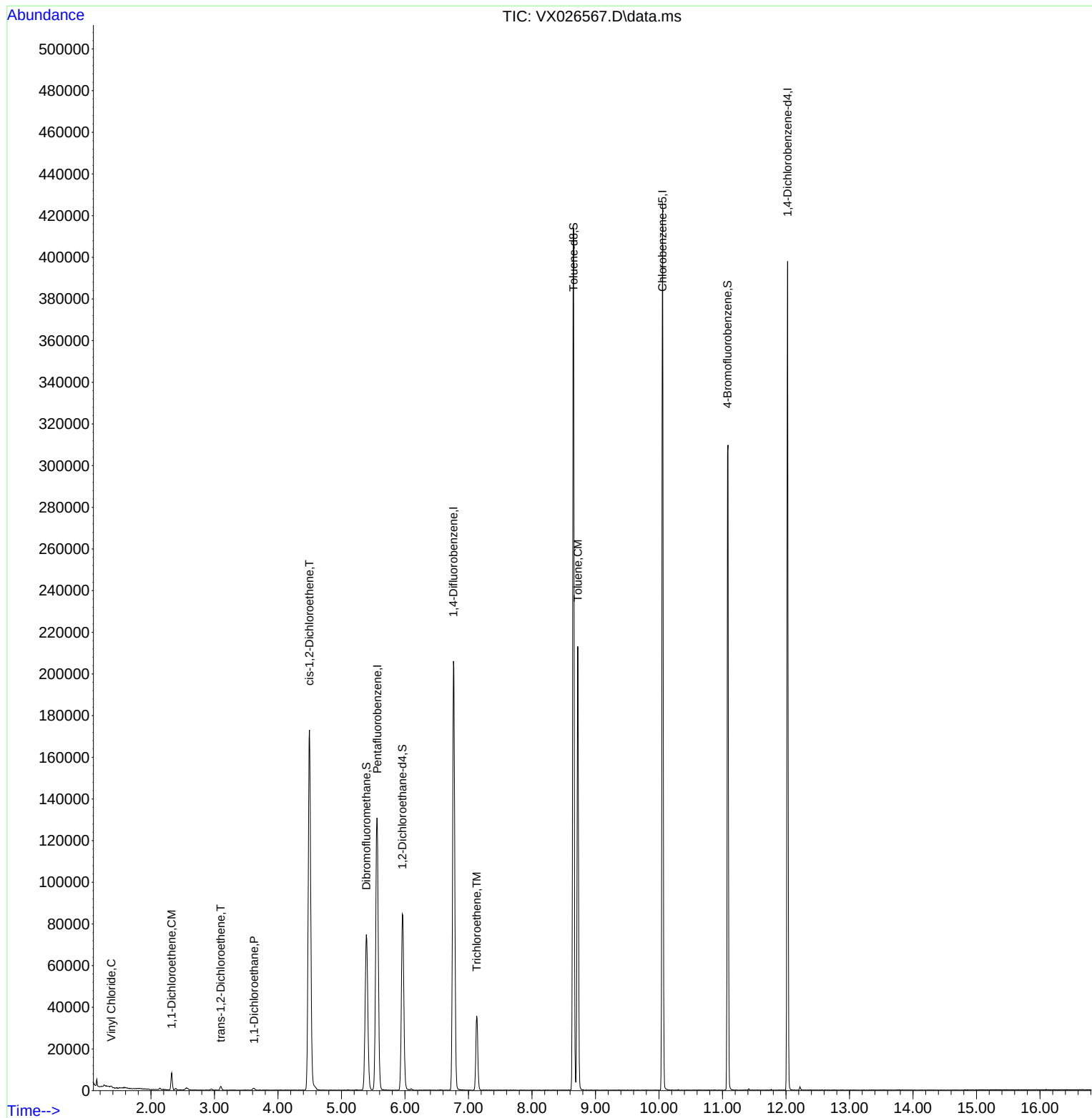
Internal Standards						
1) Pentafluorobenzene	5.562	168	123535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83452	48.359	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.720%
35) Dibromofluoromethane	5.391	113	66483	49.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.653	98	242395	49.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.180%
62) 4-Bromofluorobenzene	11.079	95	86848	50.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	481	0.343	ug/l	90
12) 1,1-Dichloroethene	2.325	96	2545	1.973	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	759	0.543	ug/l	96
24) 1,1-Dichloroethane	3.623	63	1363	0.524	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	109782	68.871	ug/l	89
44) Trichloroethene	7.129	130	13643	8.123	ug/l	99
52) Toluene	8.720	92	79154	21.807	ug/l	99

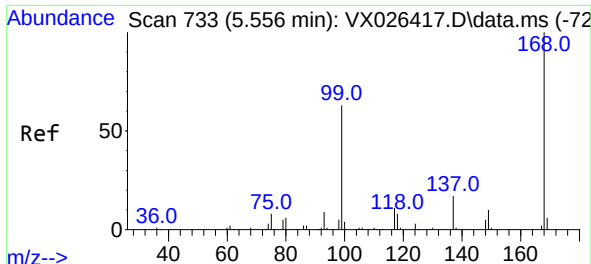
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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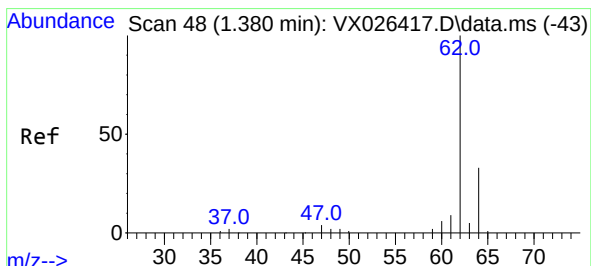
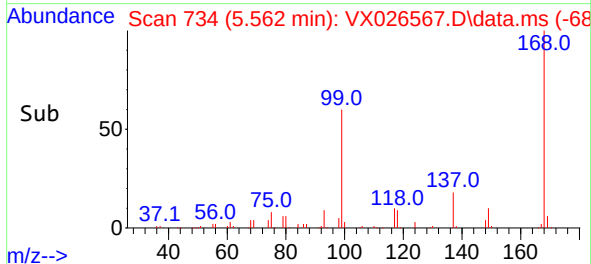
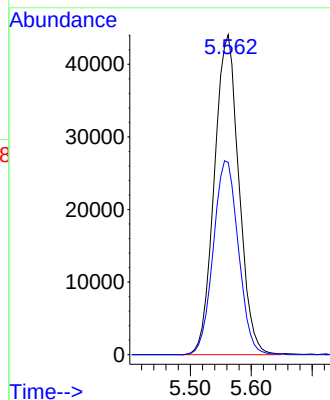
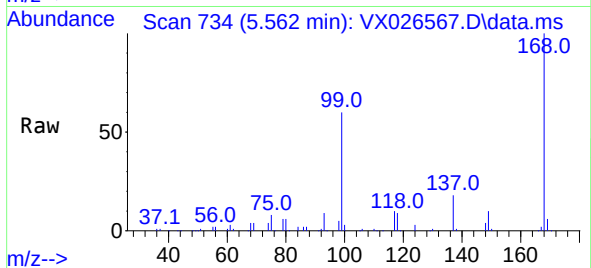




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

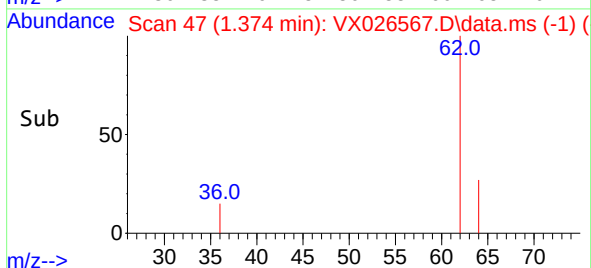
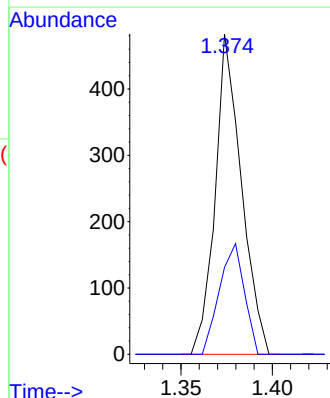
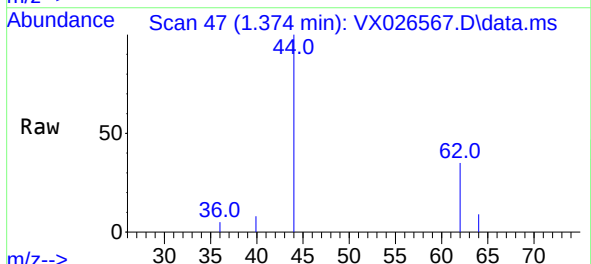
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-465-493-012422-FDDL

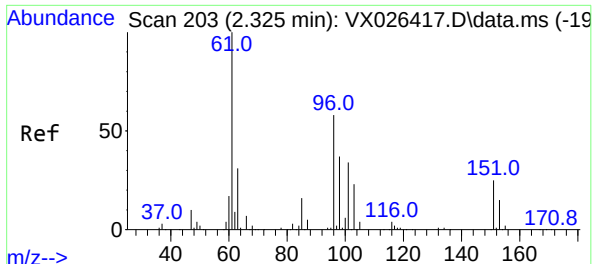
Tgt Ion:168 Resp: 123535
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#4
Vinyl Chloride
Concen: 0.343 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Tgt Ion: 62 Resp: 481
Ion Ratio Lower Upper
62 100
64 27.1 26.2 39.2





#12

1,1-Dichloroethene

Concen: 1.973 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026567.D

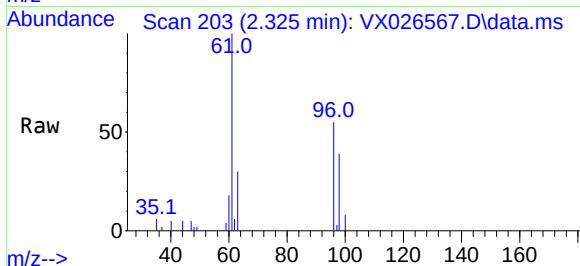
Acq: 25 Jan 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

GWBR3D-B-465-493-012422-FDDL



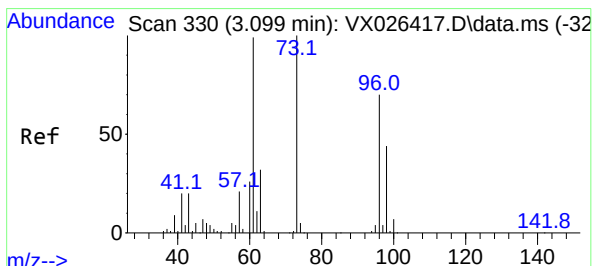
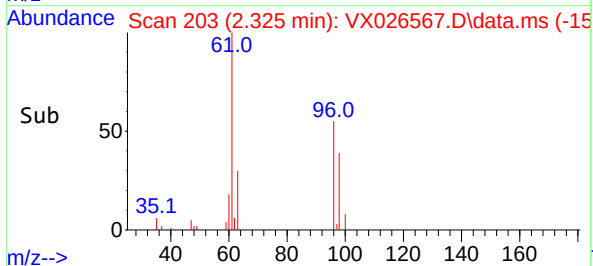
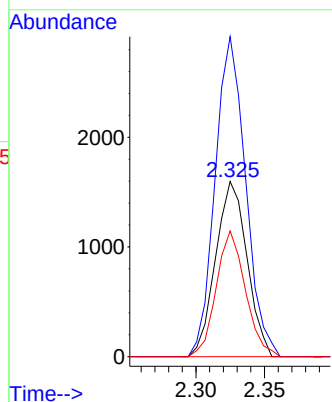
Tgt Ion: 96 Resp: 2545

Ion Ratio Lower Upper

96 100

61 182.7 138.5 207.7

98 71.8 51.8 77.6



#21

trans-1,2-Dichloroethene

Concen: 0.543 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.000 min

Lab File: VX026567.D

Acq: 25 Jan 2022 14:26

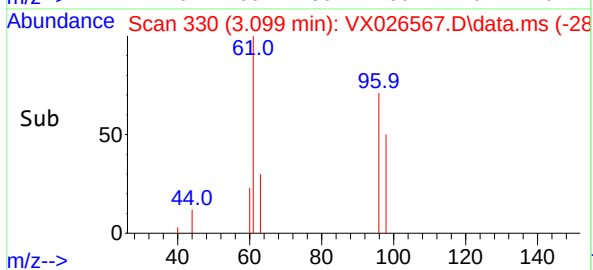
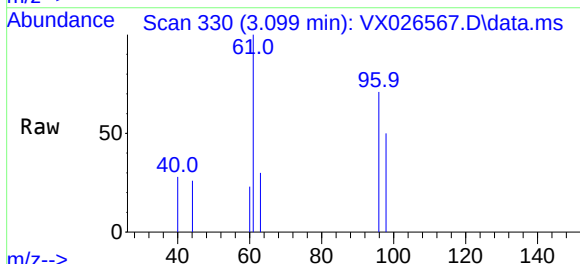
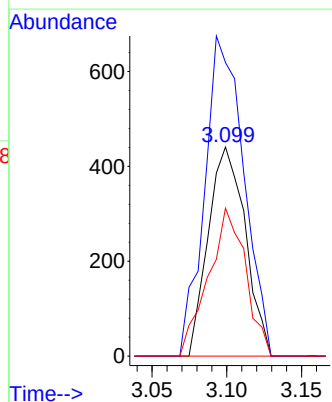
Tgt Ion: 96 Resp: 759

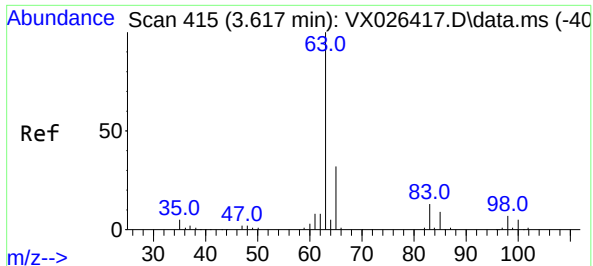
Ion Ratio Lower Upper

96 100

61 140.4 112.9 169.3

98 70.7 49.5 74.3

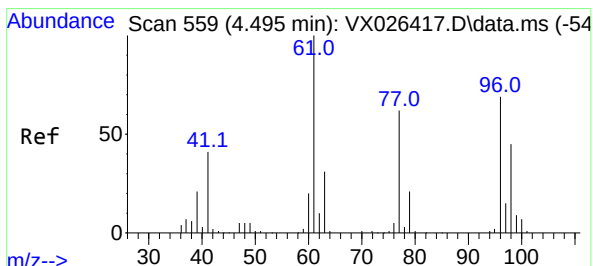
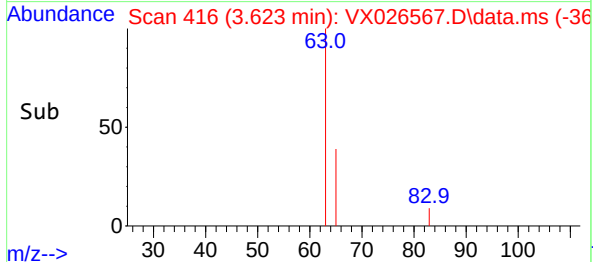
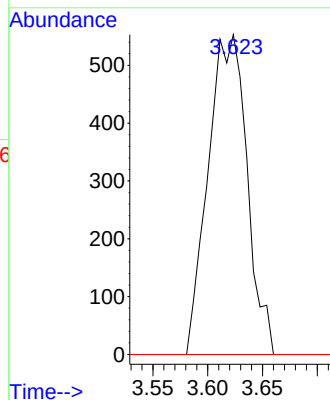
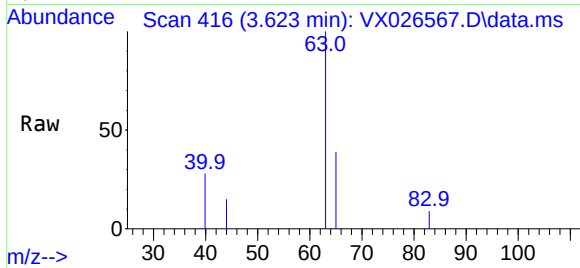




#24
1,1-Dichloroethane
Concen: 0.524 ug/l
RT: 3.623 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

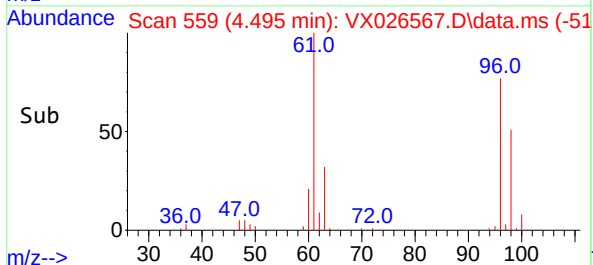
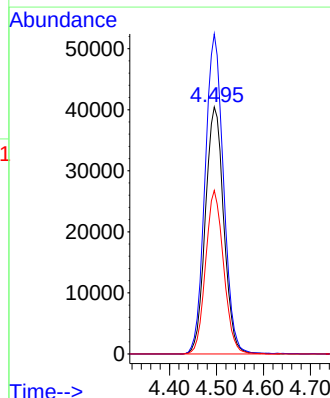
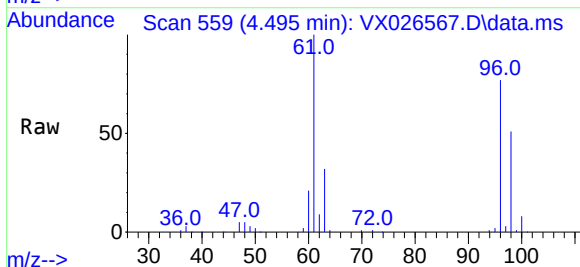
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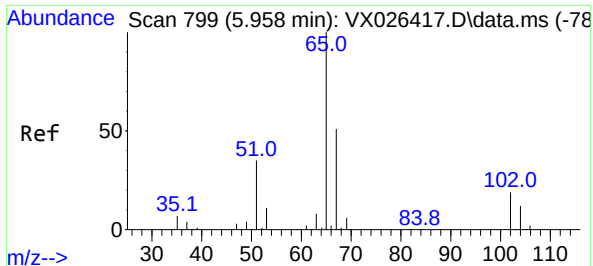
Tgt Ion: 63 Resp: 1363
Ion Ratio Lower Upper
63 100
98 0.0 3.7 11.1#
100 0.0 2.4 7.2#



#27
cis-1,2-Dichloroethene
Concen: 68.871 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Tgt Ion: 96 Resp: 109782
Ion Ratio Lower Upper
96 100
61 129.7 0.0 296.6
98 65.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 48.359 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026567.D

Acq: 25 Jan 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

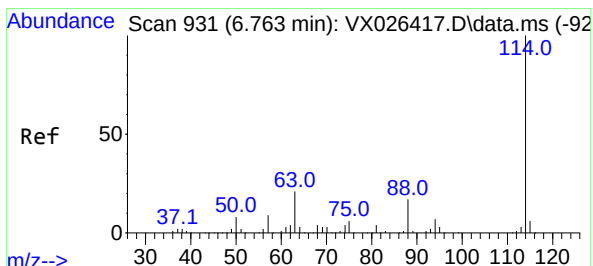
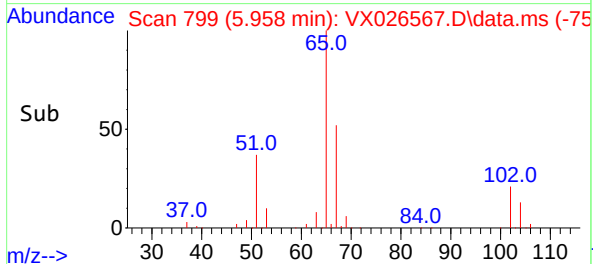
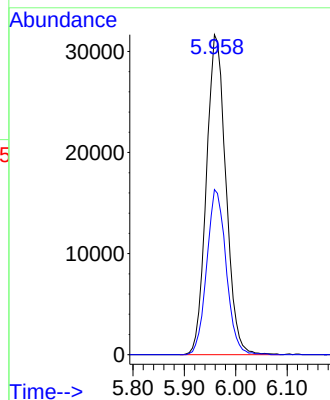
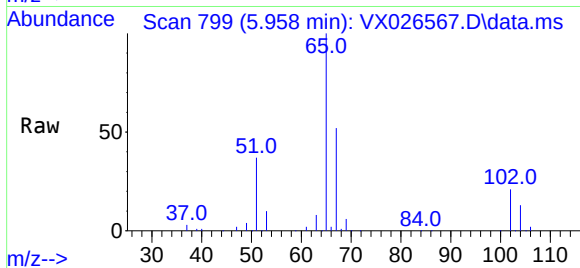
GWBR3D-B-465-493-012422-FDDL

Tgt Ion: 65 Resp: 83452

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX026567.D

Acq: 25 Jan 2022 14:26

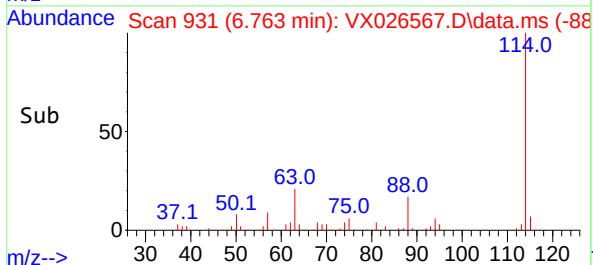
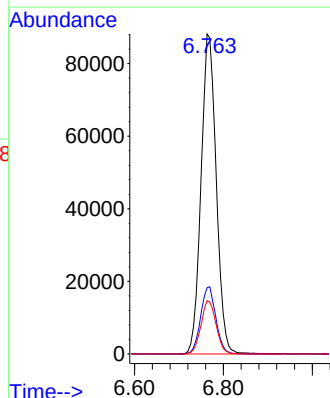
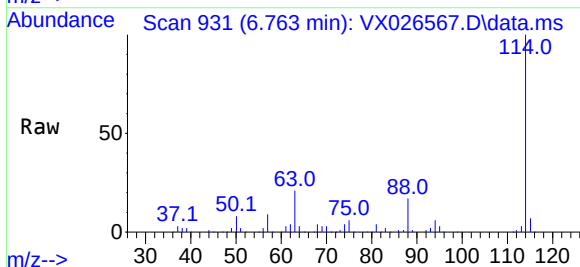
Tgt Ion: 114 Resp: 210063

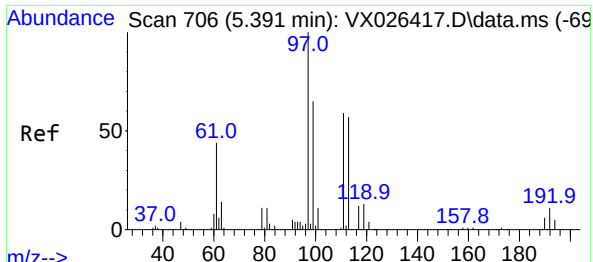
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.6 0.0 33.0

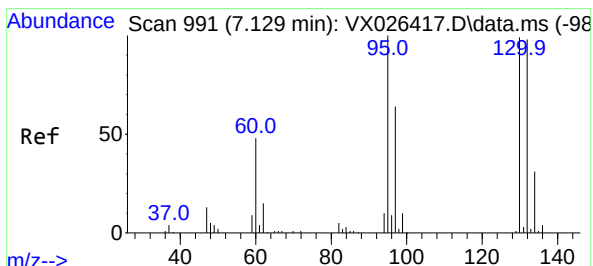
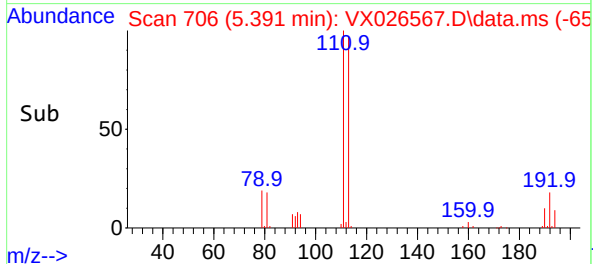
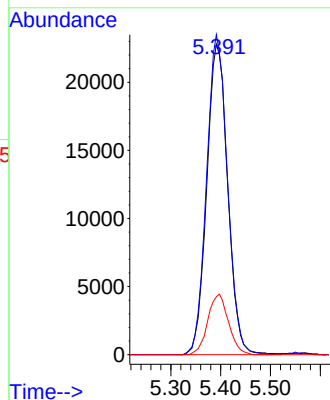
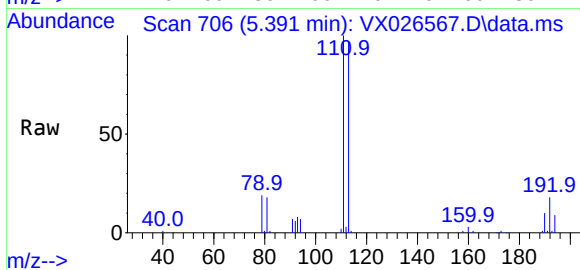




#35
Dibromofluoromethane
Concen: 49.010 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

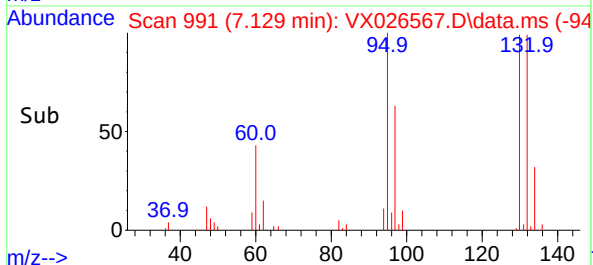
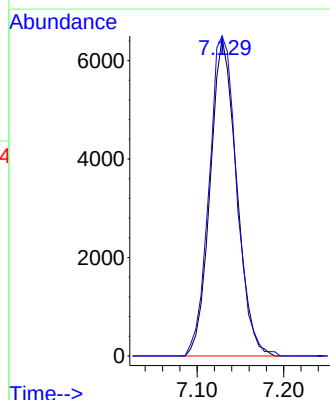
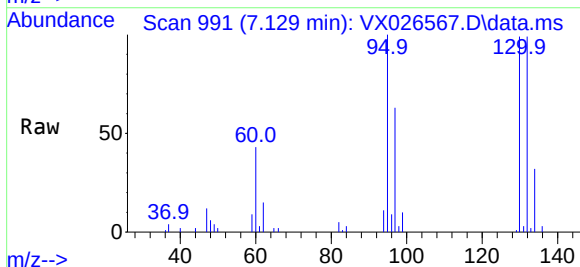
Instrument : MSVOA_X
ClientSampleId : GWBR3D-B-465-493-012422-FDDL

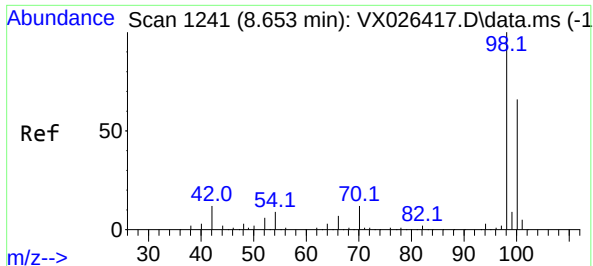
Tgt Ion:113 Resp: 66483
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.3 15.0 22.4



#44
Trichloroethene
Concen: 8.123 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Tgt Ion:130 Resp: 13643
Ion Ratio Lower Upper
130 100
95 100.6 0.0 202.6





#50

Toluene-d8

Concen: 49.587 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026567.D

Acq: 25 Jan 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

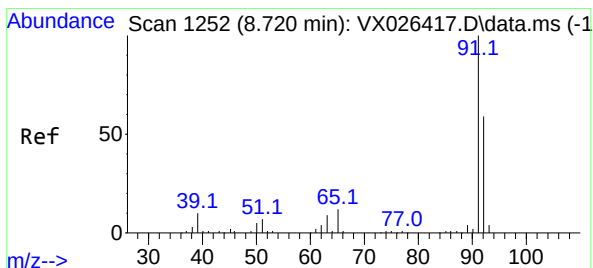
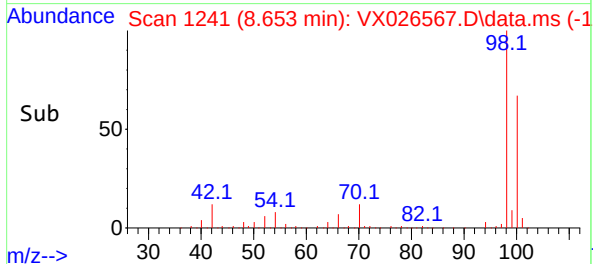
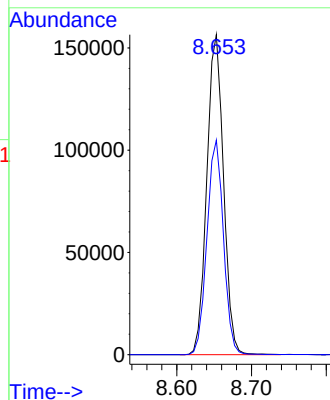
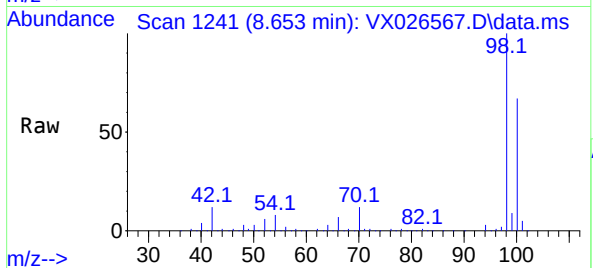
GWBR3D-B-465-493-012422-FDDL

Tgt Ion: 98 Resp: 242395

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8



#52

Toluene

Concen: 21.807 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026567.D

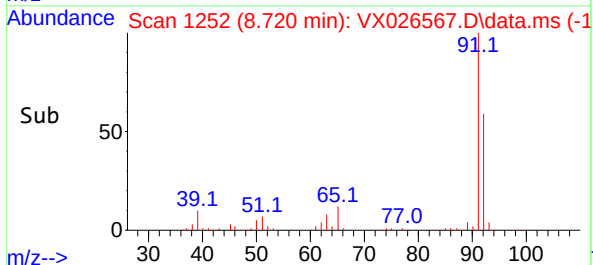
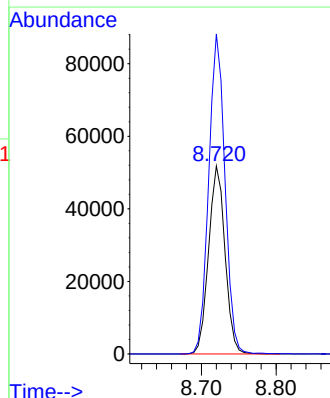
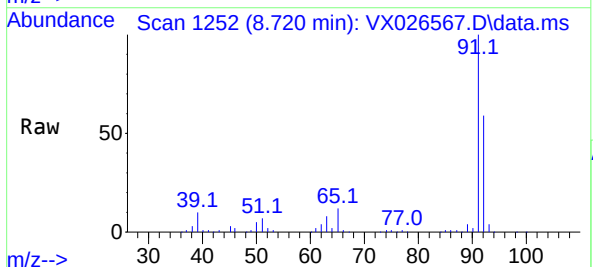
Acq: 25 Jan 2022 14:26

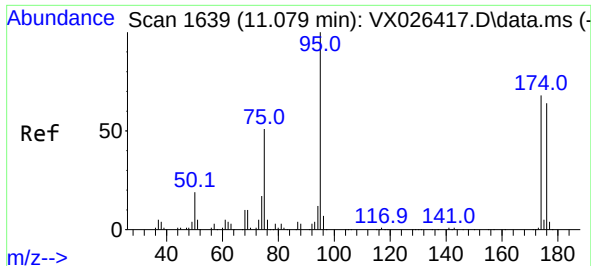
Tgt Ion: 92 Resp: 79154

Ion Ratio Lower Upper

92 100

91 168.7 135.7 203.5

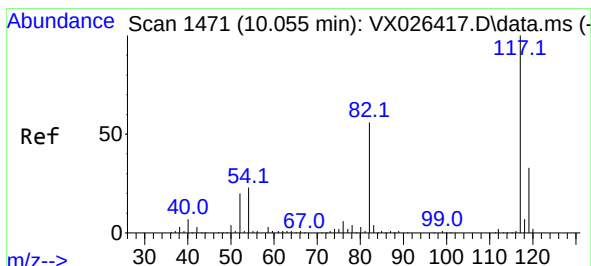
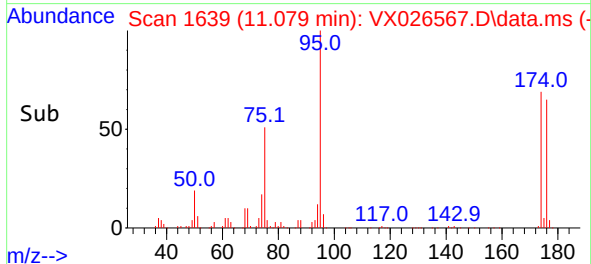
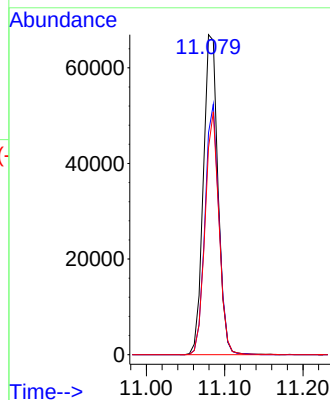
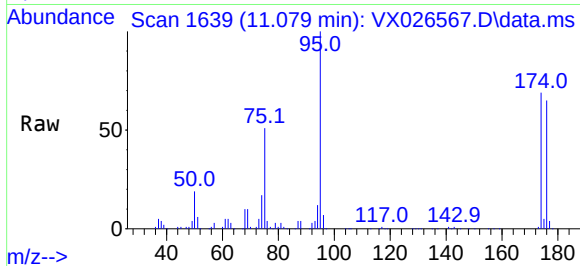




#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

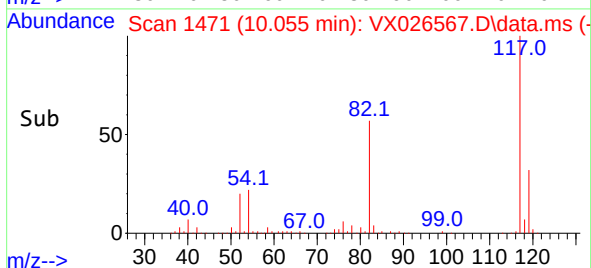
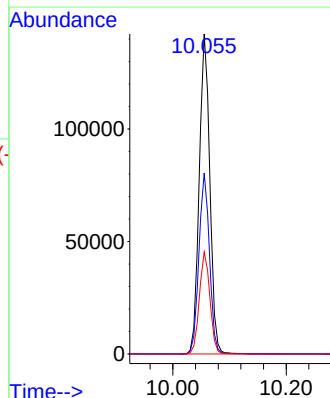
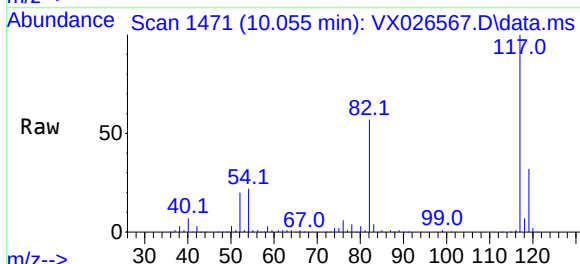
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-465-493-012422-FDDL

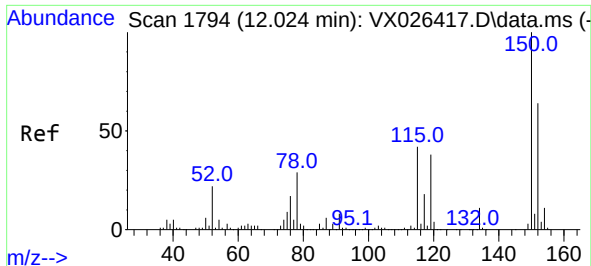
Tgt Ion: 95 Resp: 86848
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026567.D
Acq: 25 Jan 2022 14:26

Tgt Ion: 117 Resp: 184325
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 31.9 26.2 39.2





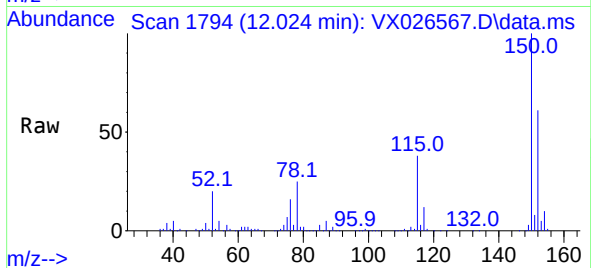
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026567.D
 Acq: 25 Jan 2022 14:26

Instrument :

MSVOA_X

ClientSampleId :

GWBR3D-B-465-493-012422-FDDL



Tgt Ion:152 Resp: 77234
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.2 132.6
 150 161.0 0.0 348.2

