

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029055.D
 Acq On : 28 May 2022 04:26
 Operator : JC/MD
 Sample : N3022-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525

Quant Time: May 28 08:39:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

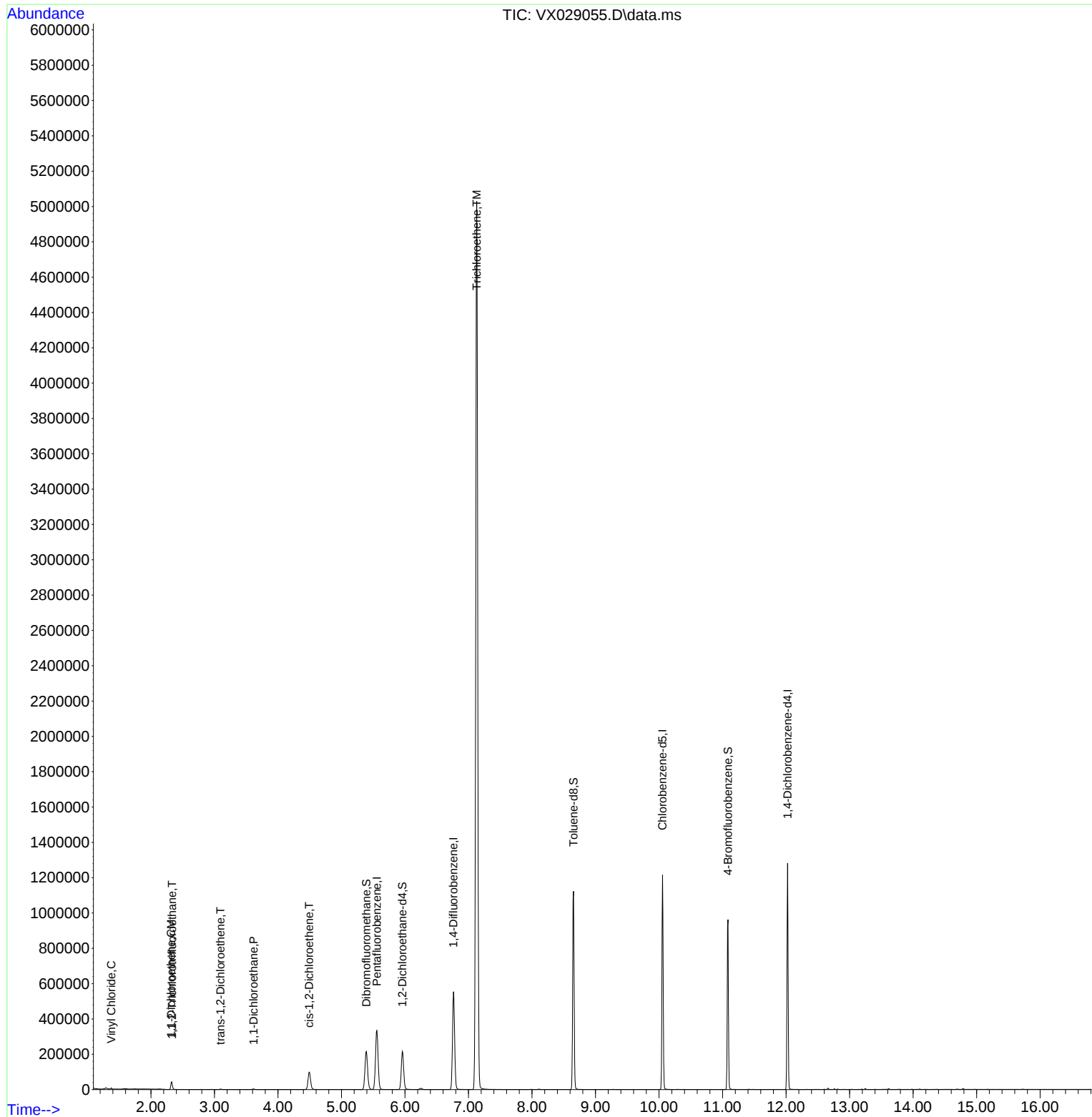
Internal Standards						
1) Pentafluorobenzene	5.556	168	325973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	582384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	560482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209037	46.782	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.560%
35) Dibromofluoromethane	5.391	113	191216	50.113	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.220%
50) Toluene-d8	8.653	98	684871	47.607	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.220%
62) 4-Bromofluorobenzene	11.085	95	268583	49.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.980%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	3293	0.760	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	4934	1.358	ug/l	98
12) 1,1-Dichloroethene	2.319	96	11946	3.541	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	1238	0.326	ug/l #	87
24) 1,1-Dichloroethane	3.617	63	4214	0.627	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	67749	15.265	ug/l	86
44) Trichloroethene	7.129	130	2020795	452.376	ug/l	98

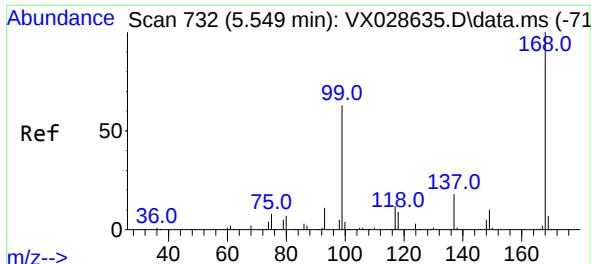
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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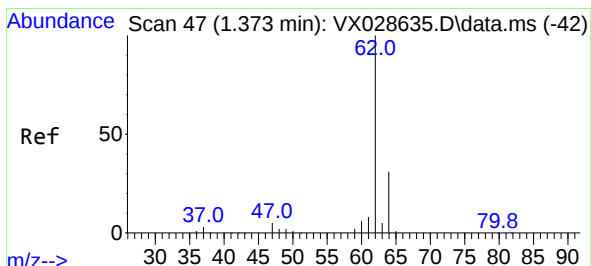
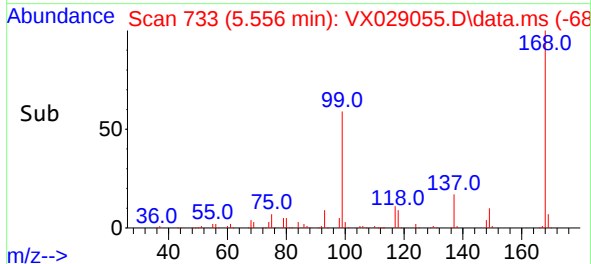
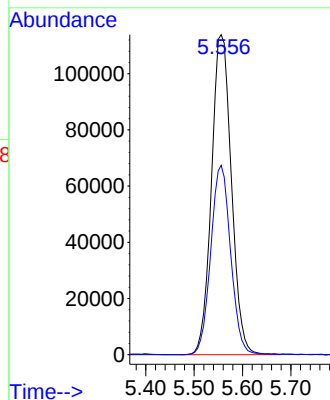
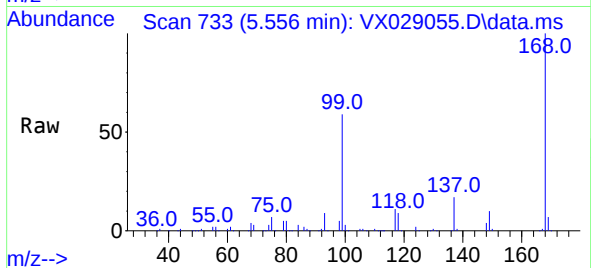




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

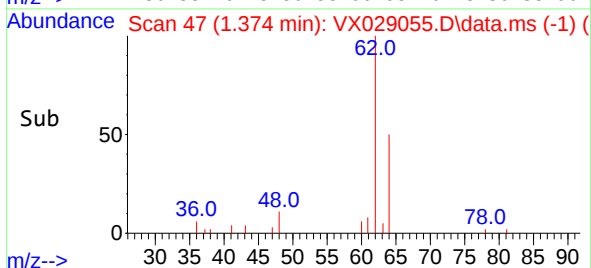
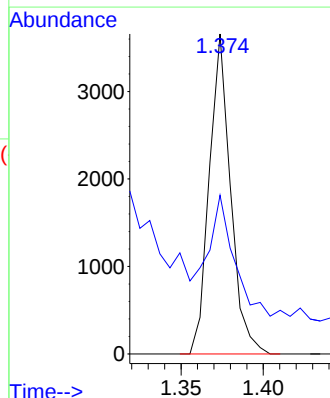
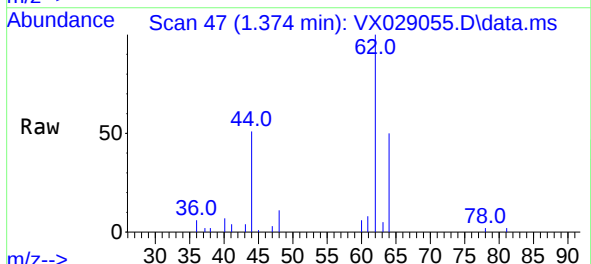
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

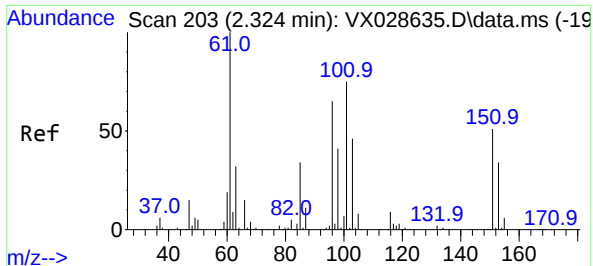
Tgt Ion:168 Resp: 325973
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#4
Vinyl Chloride
Concen: 0.760 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

Tgt Ion: 62 Resp: 3293
Ion Ratio Lower Upper
62 100
64 35.9 25.5 38.3

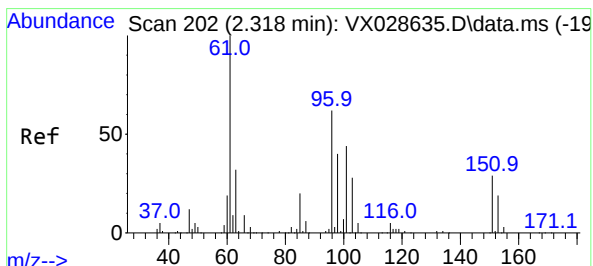
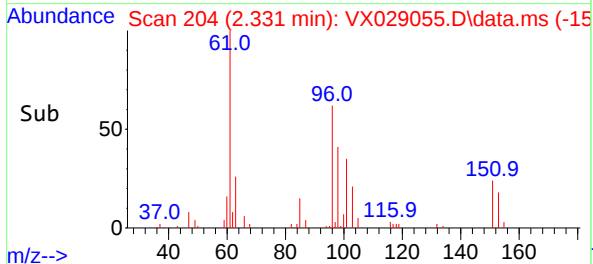
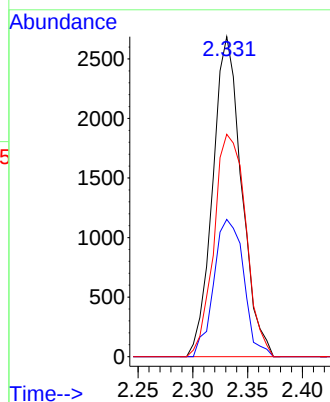
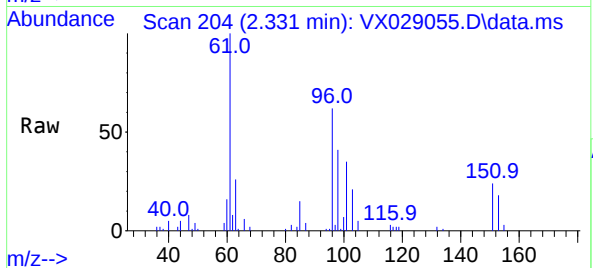




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.358 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

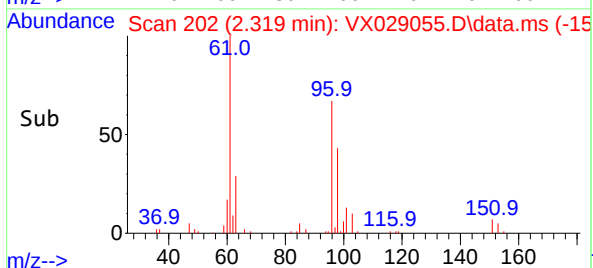
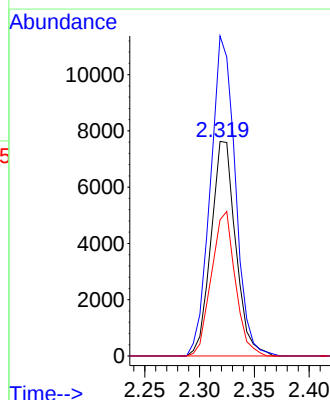
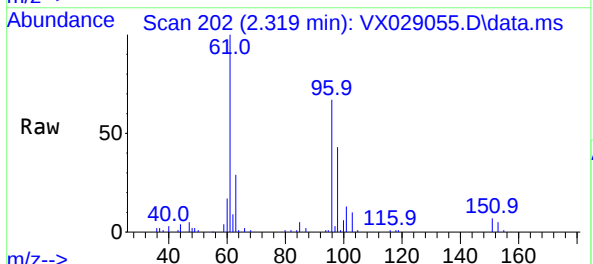
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

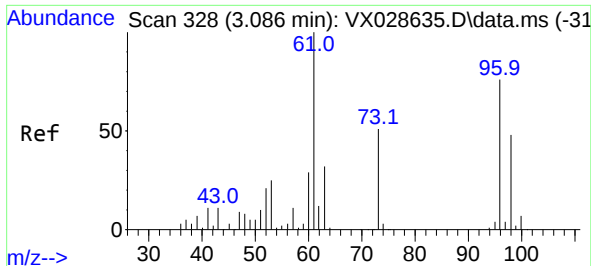
Tgt Ion:101 Resp: 4934
Ion Ratio Lower Upper
101 100
85 44.3 33.5 50.3
151 76.5 61.8 92.6



#12
1,1-Dichloroethene
Concen: 3.541 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

Tgt Ion: 96 Resp: 11946
Ion Ratio Lower Upper
96 100
61 149.2 124.6 187.0
98 63.5 51.0 76.4

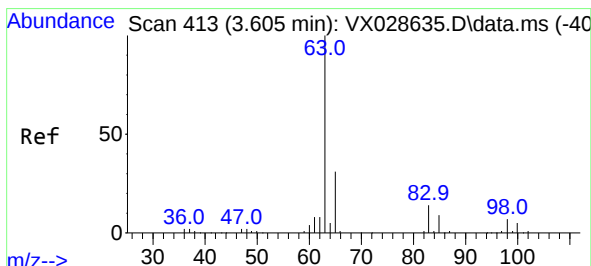
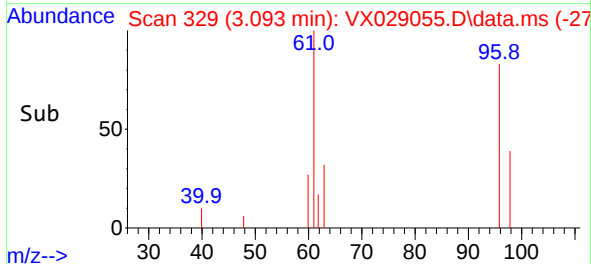
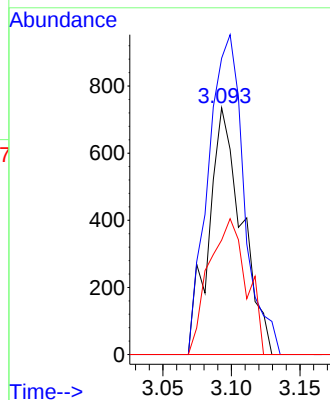
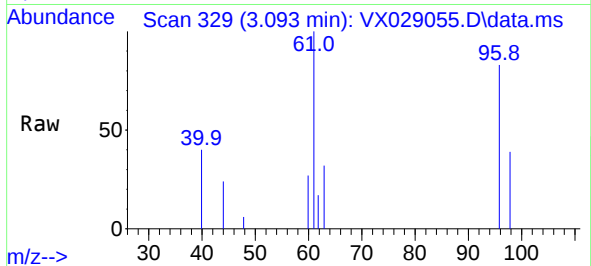




#21
trans-1,2-Dichloroethene
Concen: 0.326 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

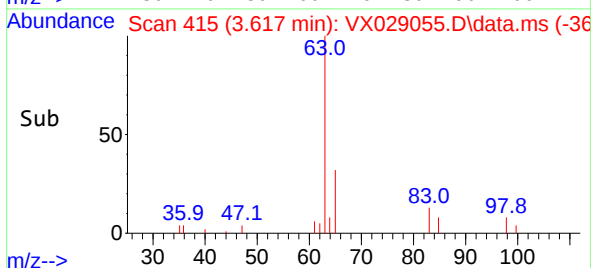
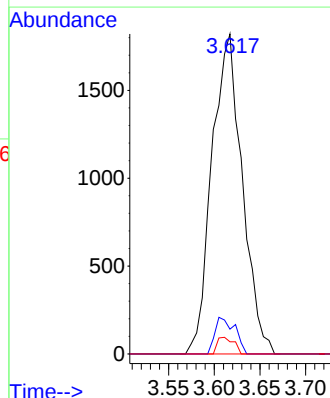
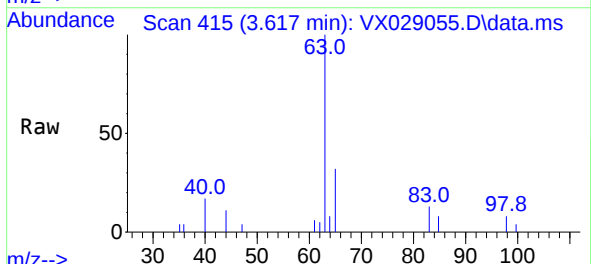
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

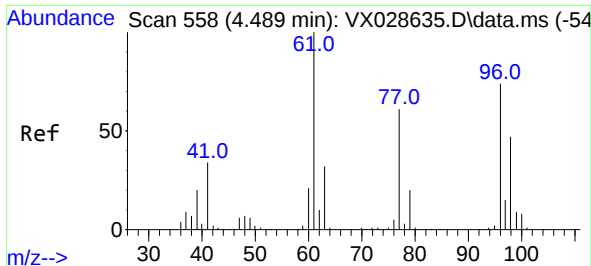
Tgt Ion: 96 Resp: 1238
Ion Ratio Lower Upper
96 100
61 120.1 105.4 158.2
98 46.4 50.0 75.0#



#24
1,1-Dichloroethane
Concen: 0.627 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.012 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

Tgt Ion: 63 Resp: 4214
Ion Ratio Lower Upper
63 100
98 7.7 3.9 11.7
100 3.8 2.4 7.2



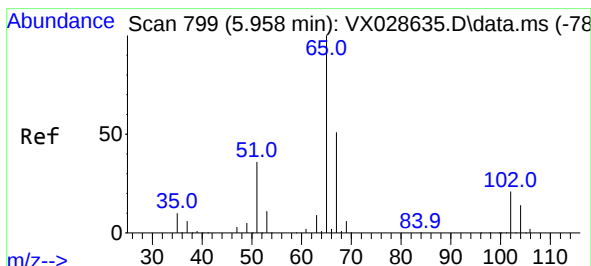
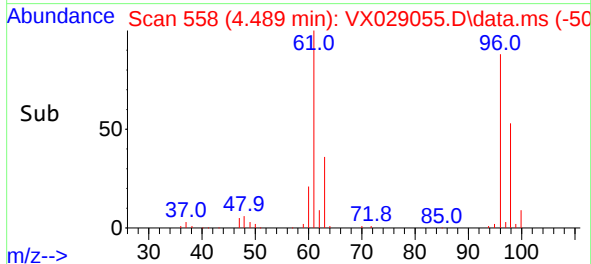
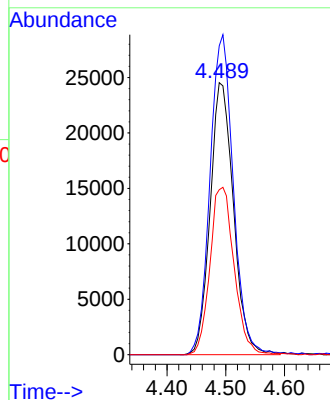
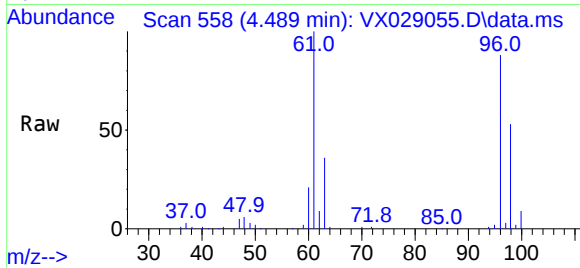


#27
 cis-1,2-Dichloroethene
 Concen: 15.265 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX029055.D
 Acq: 28 May 2022 04:26

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525

Tgt Ion: 96 Resp: 67749

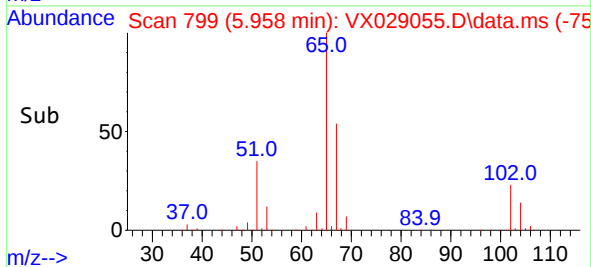
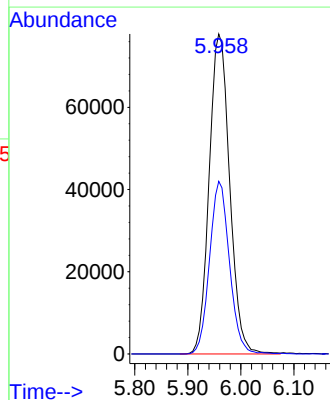
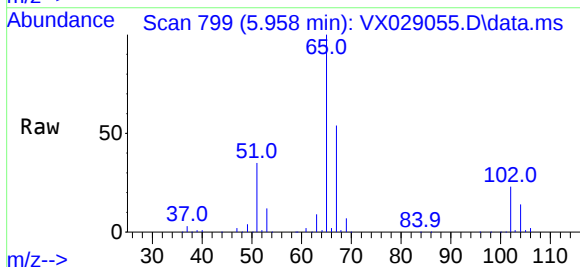
Ion	Ratio	Lower	Upper
96	100		
61	117.4	0.0	283.8
98	63.4	0.0	129.8

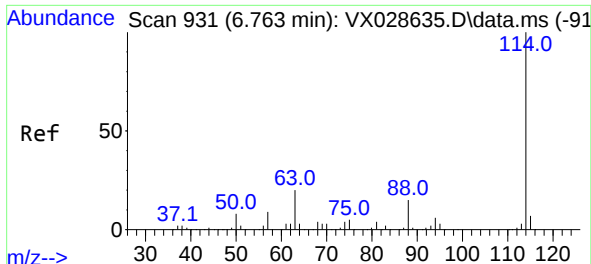


#33
 1,2-Dichloroethane-d4
 Concen: 46.782 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029055.D
 Acq: 28 May 2022 04:26

Tgt Ion: 65 Resp: 209037

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX029055.D

Acq: 28 May 2022 04:26

Instrument :

MSVOA_X

ClientSampleId :

48BR-20220525

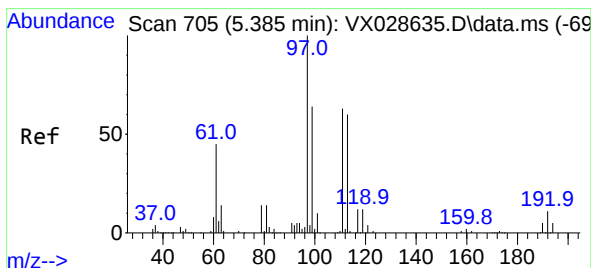
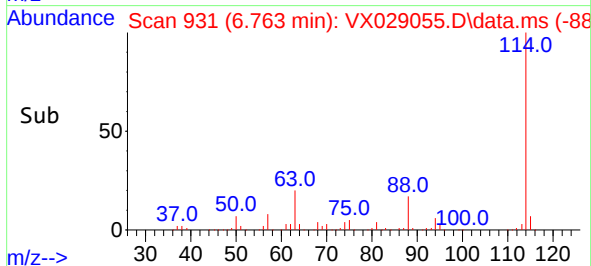
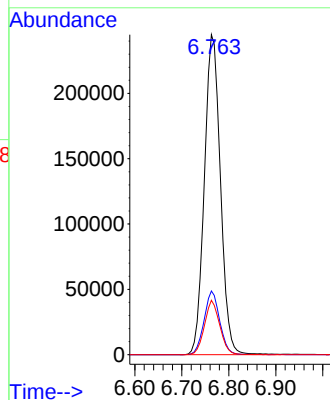
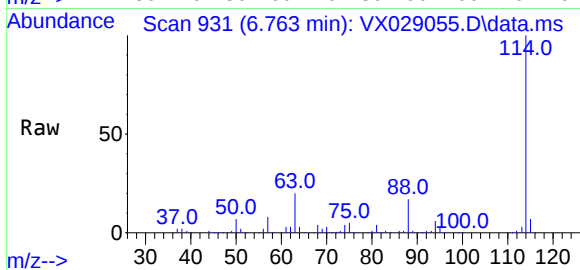
Tgt Ion:114 Resp: 582384

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 17.0 0.0 32.4



#35

Dibromofluoromethane

Concen: 50.113 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX029055.D

Acq: 28 May 2022 04:26

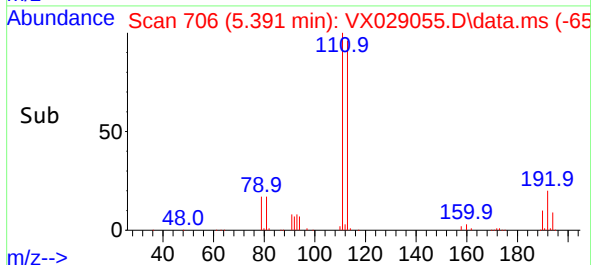
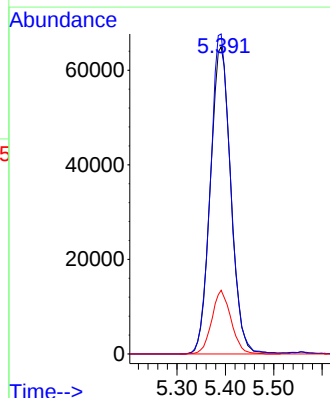
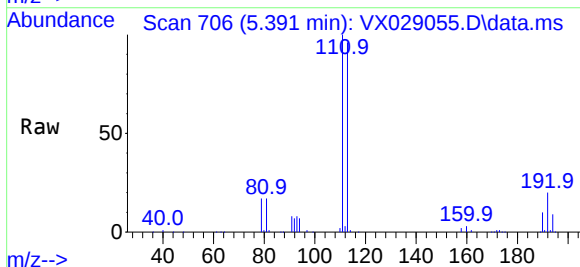
Tgt Ion:113 Resp: 191216

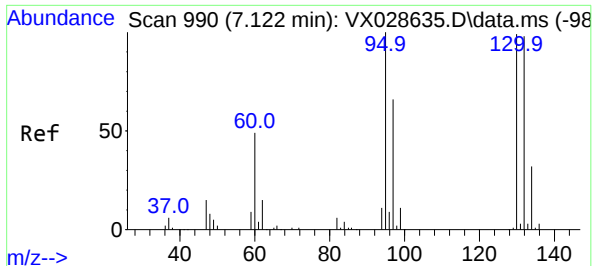
Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 19.4 16.9 25.3

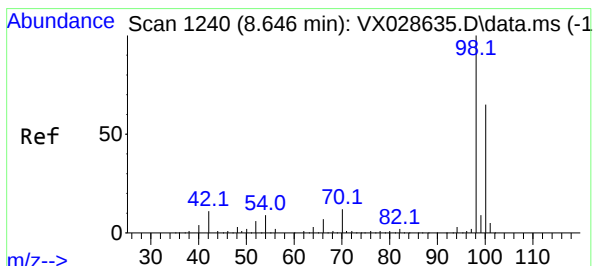
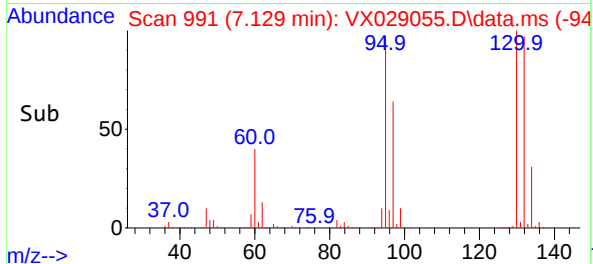
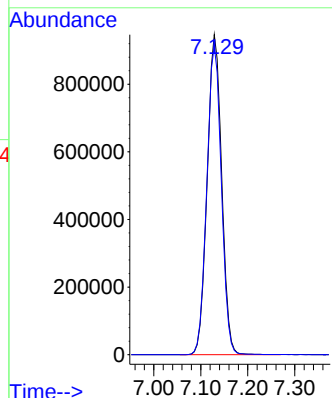
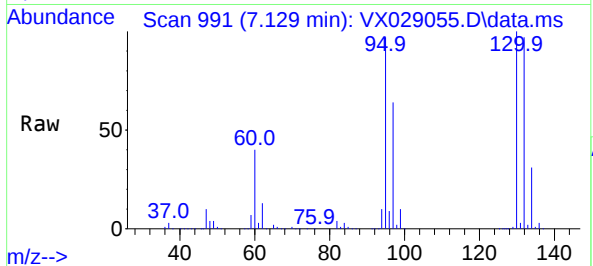




#44
Trichloroethene
Concen: 452.376 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

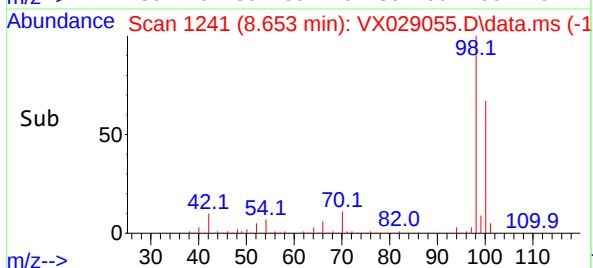
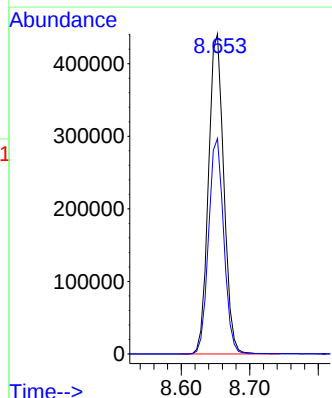
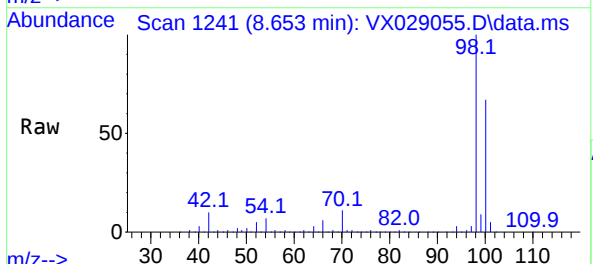
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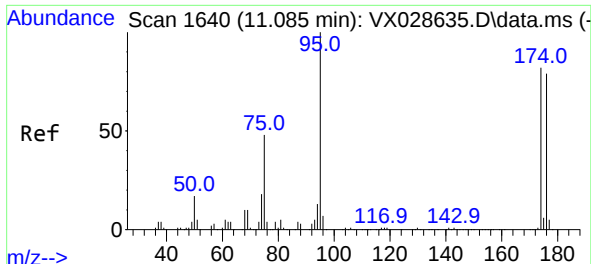
Tgt Ion:130 Resp: 2020795
Ion Ratio Lower Upper
130 100
95 96.6 0.0 188.8



#50
Toluene-d8
Concen: 47.607 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

Tgt Ion: 98 Resp: 684871
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

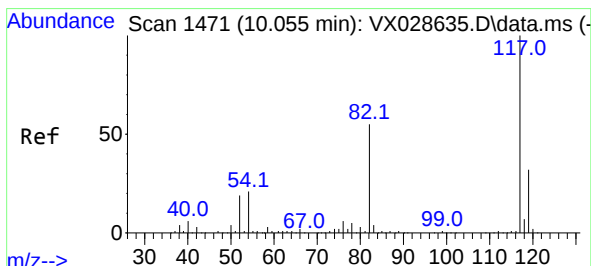
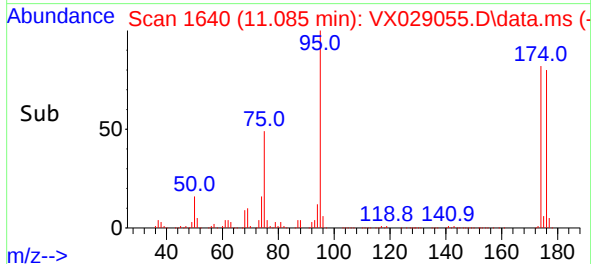
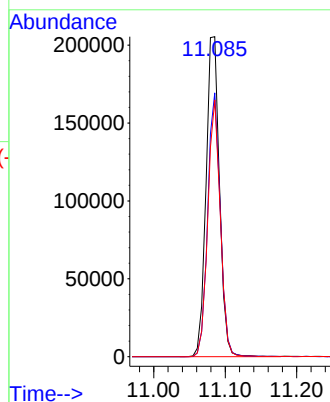
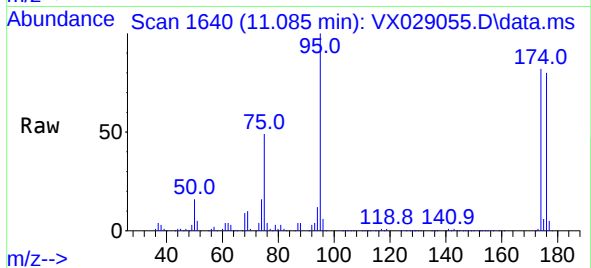




#62
4-Bromofluorobenzene
Concen: 49.985 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

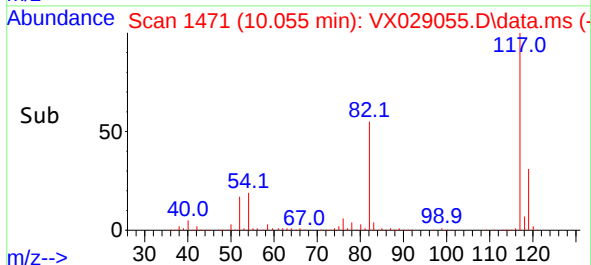
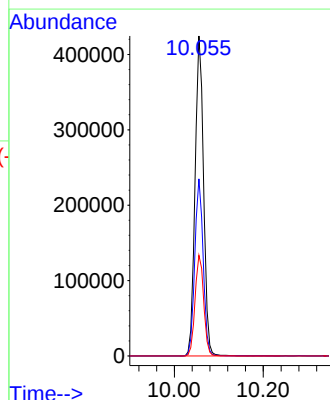
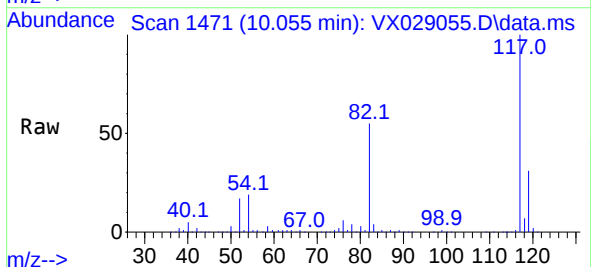
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

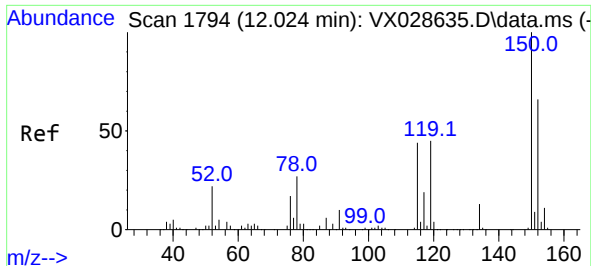
Tgt Ion: 95 Resp: 268583
Ion Ratio Lower Upper
95 100
174 77.3 0.0 163.0
176 74.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029055.D
Acq: 28 May 2022 04:26

Tgt Ion: 117 Resp: 560482
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 31.5 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029055.D

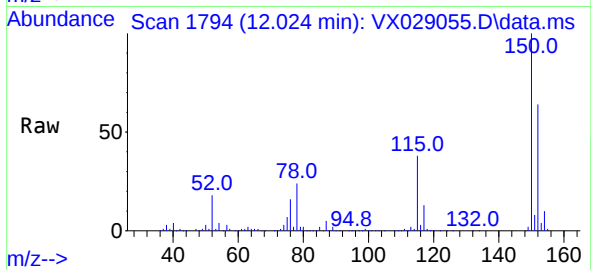
Acq: 28 May 2022 04:26

Instrument :

MSVOA_X

ClientSampleId :

48BR-20220525



Tgt Ion:152 Resp: 263145

Ion Ratio Lower Upper

152 100

115 60.9 37.5 112.7

150 157.7 0.0 338.2

