

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028926.D
 Acq On : 24 May 2022 17:05
 Operator : JC/MD
 Sample : N2970-04DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 36BR-20220519DL

Quant Time: May 25 01:50:06 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)

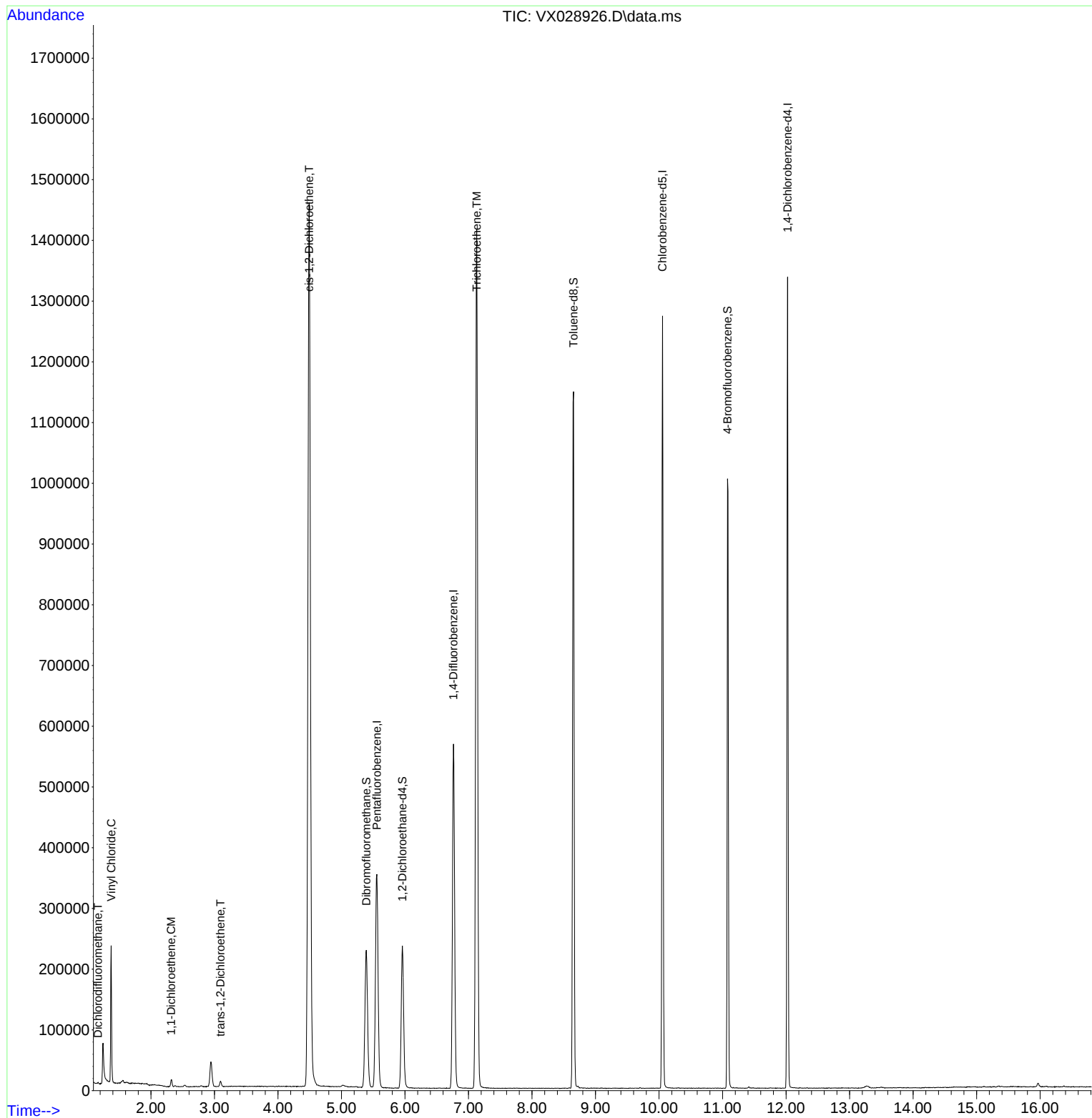
Internal Standards						
1) Pentafluorobenzene	5.556	168	334649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	597553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229150	49.954	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.900%
35) Dibromofluoromethane	5.391	113	199709	51.010	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.020%
50) Toluene-d8	8.653	98	710215	48.116	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	284577	51.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1190	0.272	ug/l	88
4) Vinyl Chloride	1.374	62	136635	30.724	ug/l	98
12) 1,1-Dichloroethene	2.319	96	3715	1.073	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	3381	0.867	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	956736	209.976	ug/l	88
44) Trichloroethene	7.129	130	564313	123.120	ug/l	96

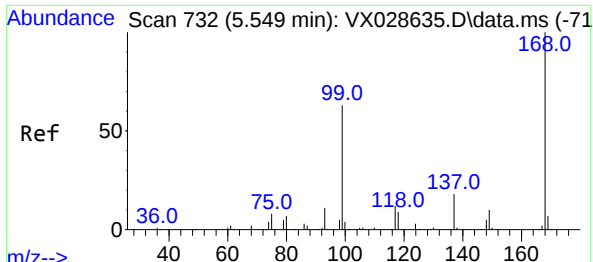
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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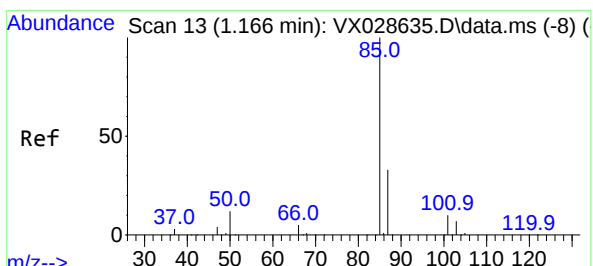
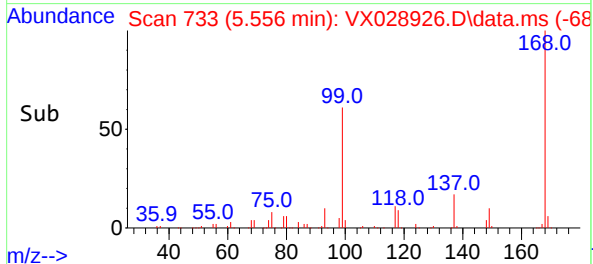
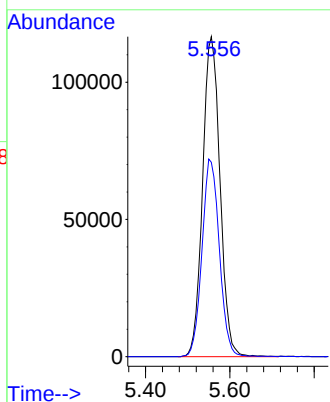
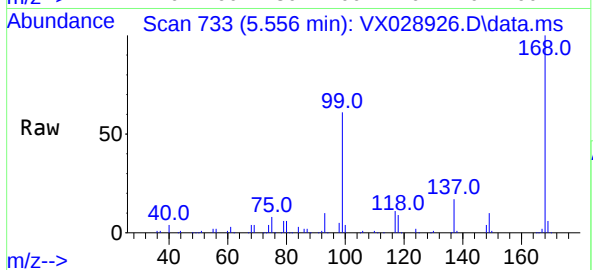




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

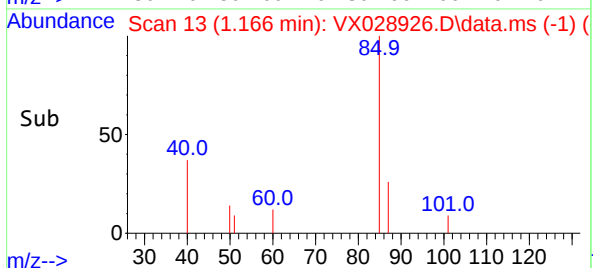
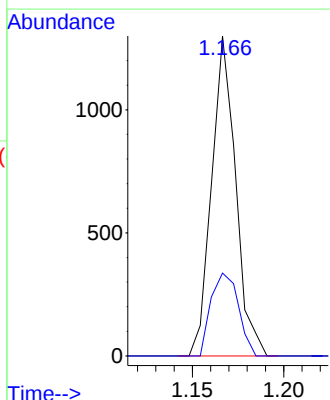
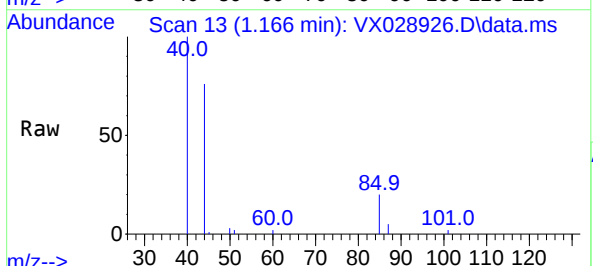
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

Tgt Ion:168 Resp: 334649
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5

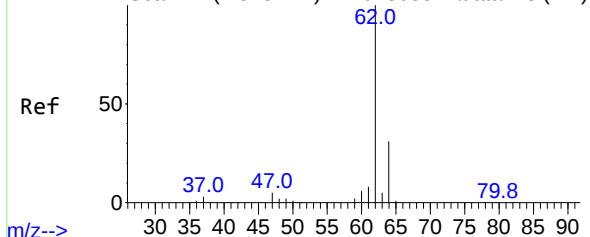


#2
Dichlorodifluoromethane
Concen: 0.272 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 85 Resp: 1190
Ion Ratio Lower Upper
85 100
87 25.9 16.2 48.6



Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 30.724 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.001 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

36BR-20220519DL

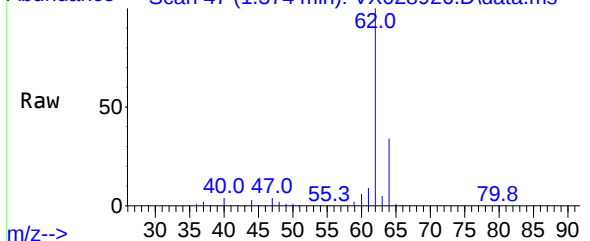
Tgt Ion: 62 Resp: 136635

Ion Ratio Lower Upper

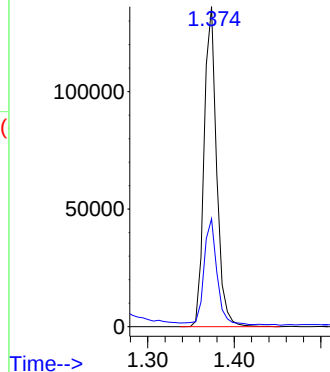
62 100

64 33.3 25.5 38.3

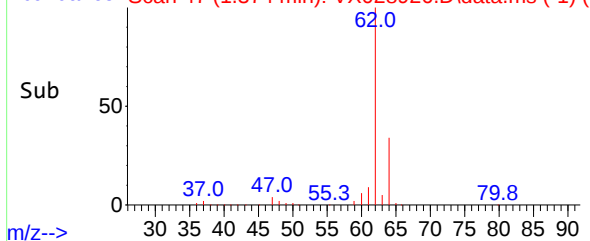
Abundance Scan 47 (1.374 min): VX028926.D\data.ms



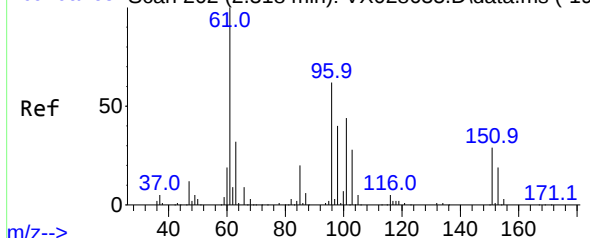
Abundance



Abundance Scan 47 (1.374 min): VX028926.D\data.ms (-1)



Abundance Scan 202 (2.318 min): VX028635.D\data.ms (-19)



#12

1,1-Dichloroethene

Concen: 1.073 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX028926.D

Acq: 24 May 2022 17:05

Tgt Ion: 96 Resp: 3715

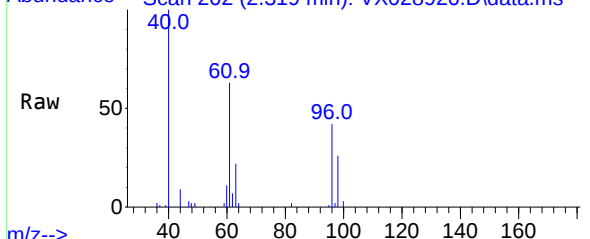
Ion Ratio Lower Upper

96 100

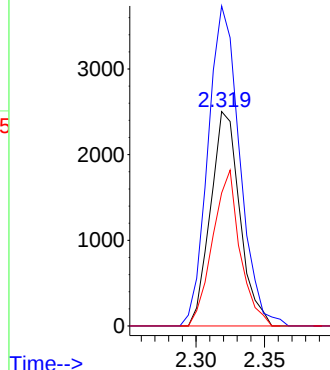
61 149.3 124.6 187.0

98 62.0 51.0 76.4

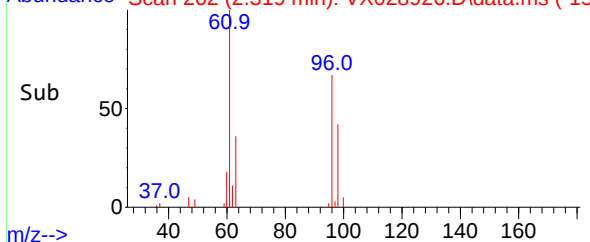
Abundance Scan 202 (2.319 min): VX028926.D\data.ms

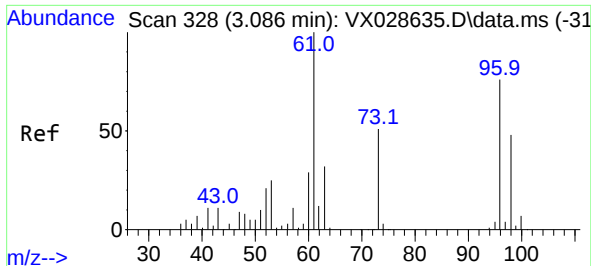


Abundance



Abundance Scan 202 (2.319 min): VX028926.D\data.ms (-15)

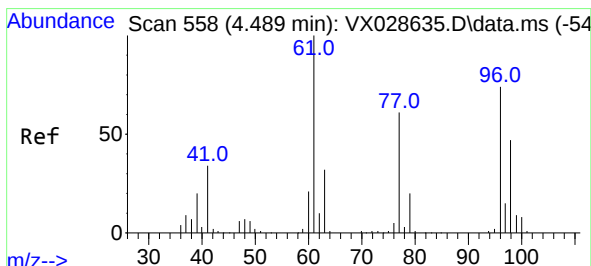
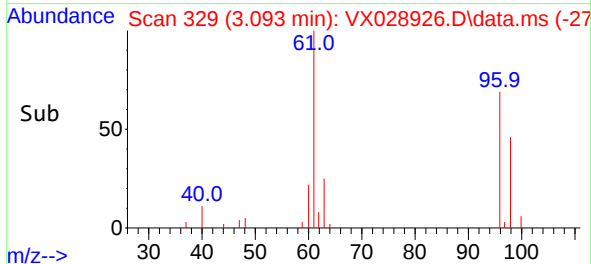
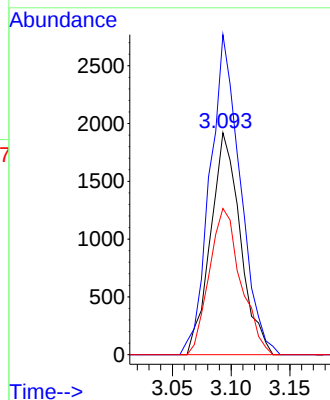
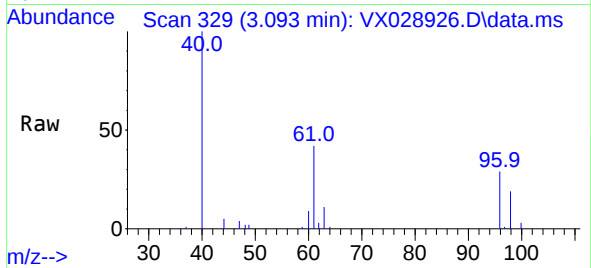




#21
trans-1,2-Dichloroethene
Concen: 0.867 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

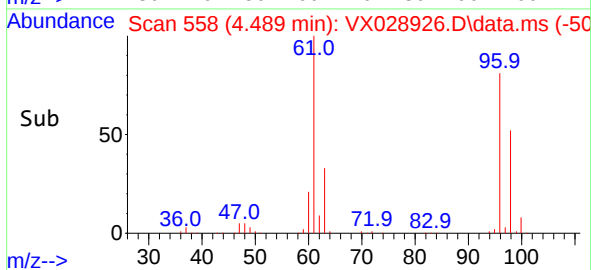
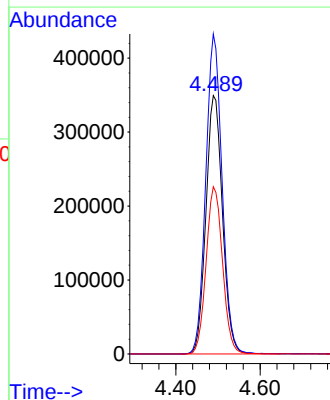
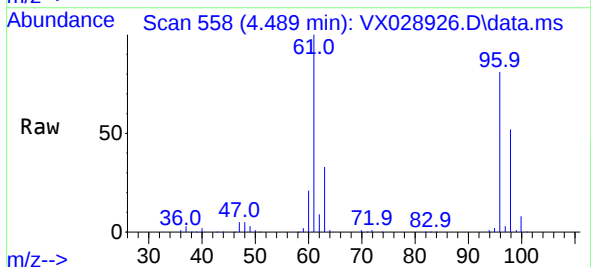
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

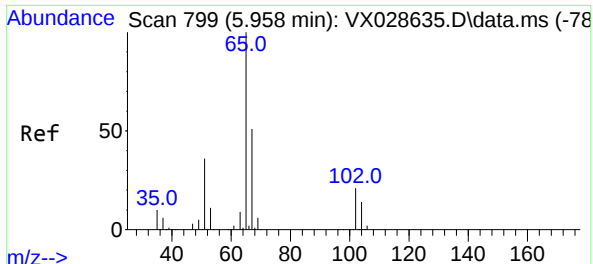
Tgt Ion: 96 Resp: 3381
Ion Ratio Lower Upper
96 100
61 144.1 105.4 158.2
98 65.9 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 209.976 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 96 Resp: 956736
Ion Ratio Lower Upper
96 100
61 121.6 0.0 283.8
98 64.1 0.0 129.8

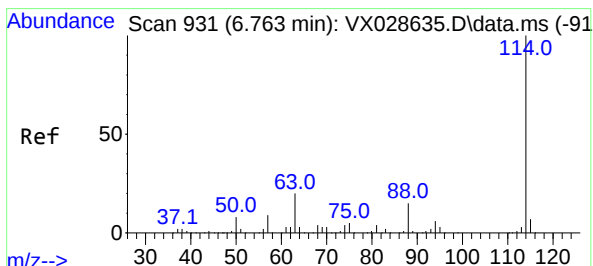
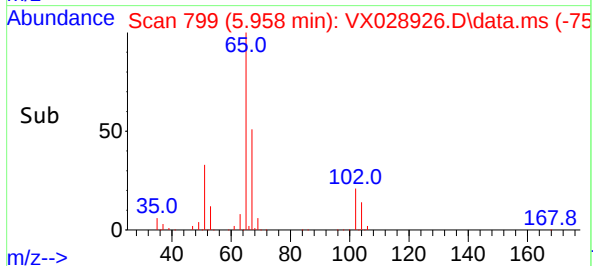
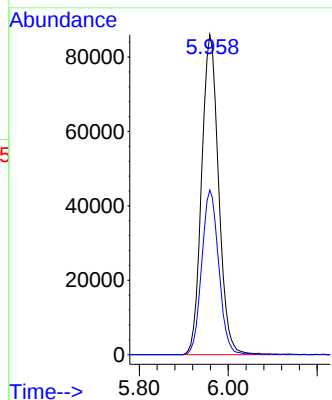
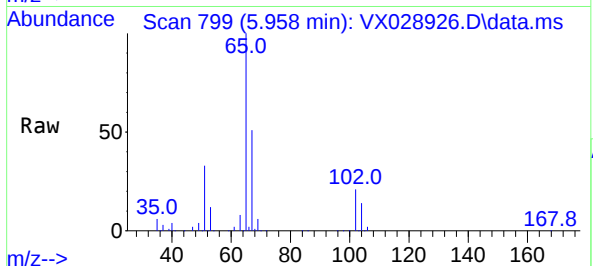




#33
1,2-Dichloroethane-d4
Concen: 49.954 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

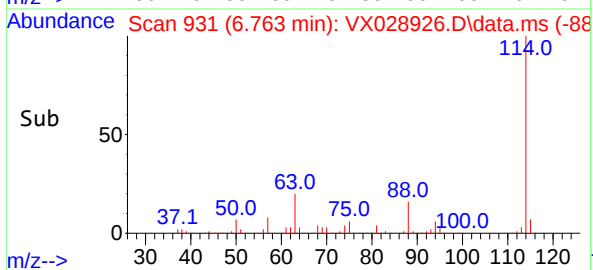
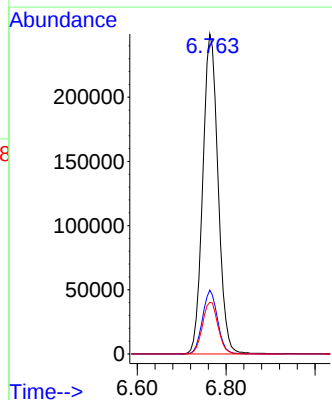
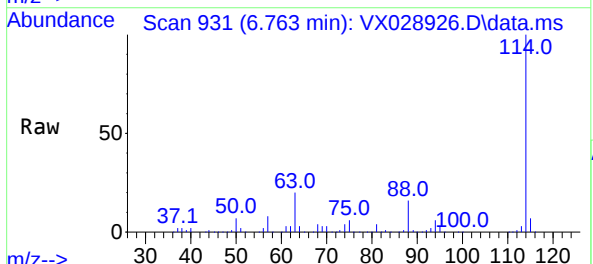
Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

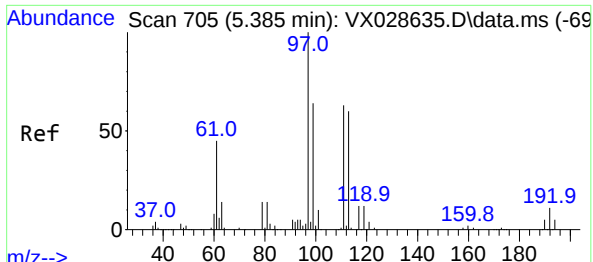
Tgt Ion: 65 Resp: 229150
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

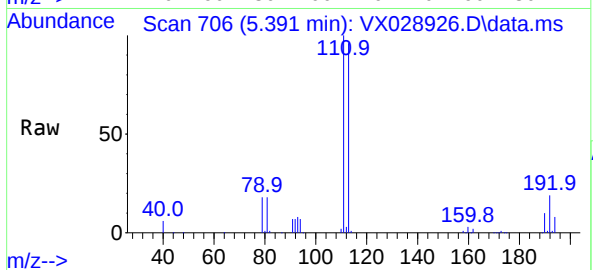
Tgt Ion: 114 Resp: 597553
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 16.2 0.0 32.4



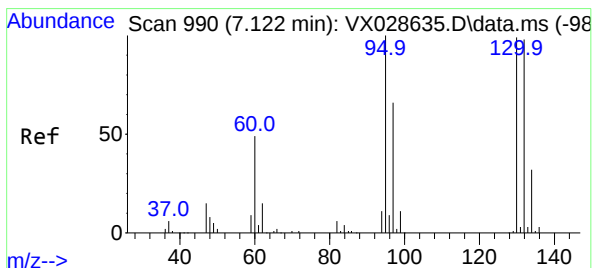
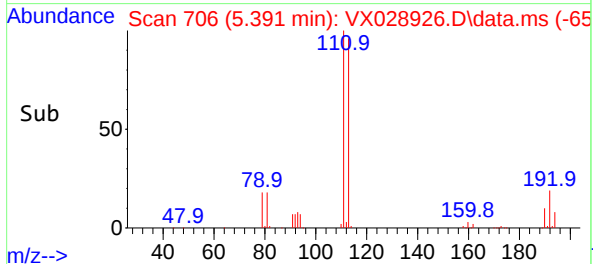
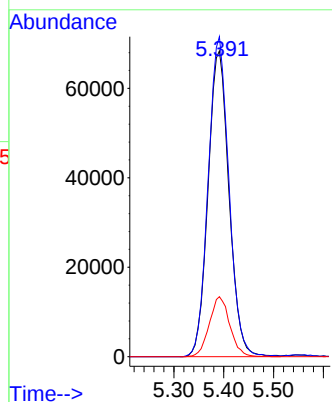


#35
Dibromofluoromethane
Concen: 51.010 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

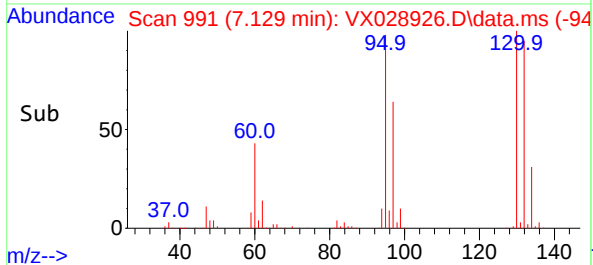
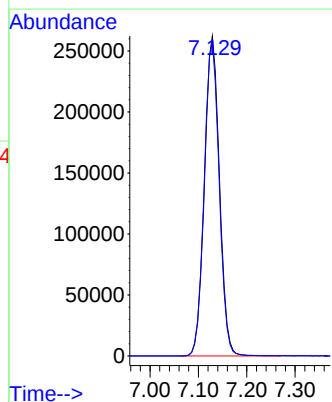
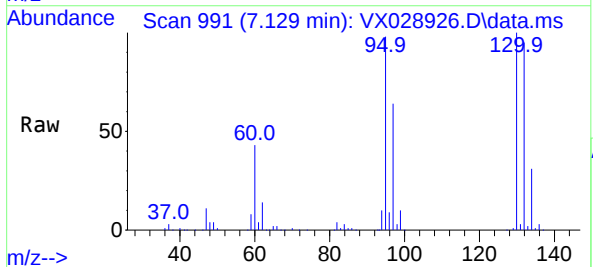


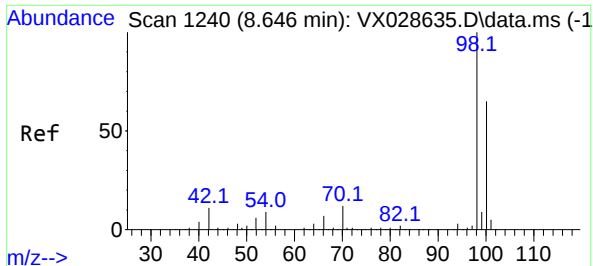
Tgt Ion:113 Resp: 199709
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.1 16.9 25.3



#44
Trichloroethene
Concen: 123.120 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion:130 Resp: 564313
Ion Ratio Lower Upper
130 100
95 98.2 0.0 188.8

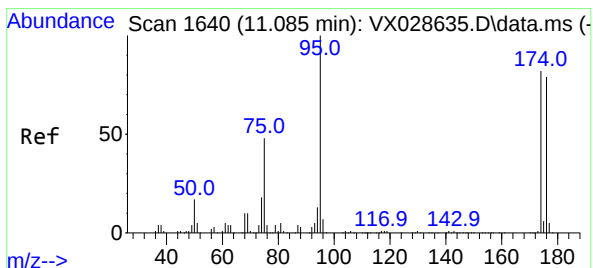
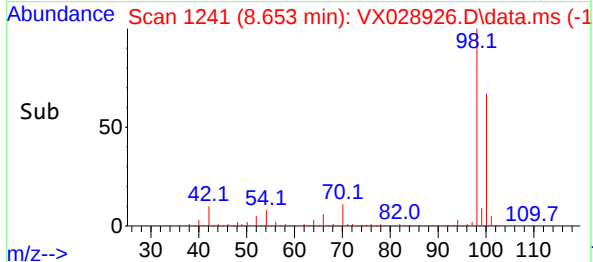
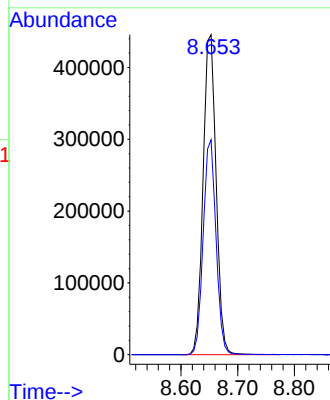
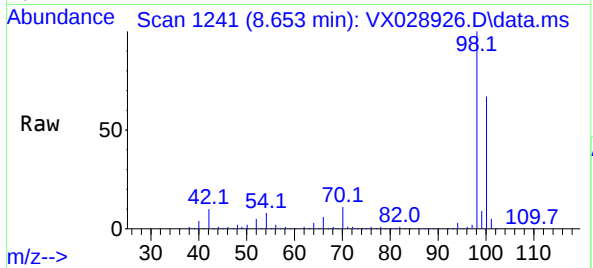




#50
Toluene-d8
Concen: 48.116 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

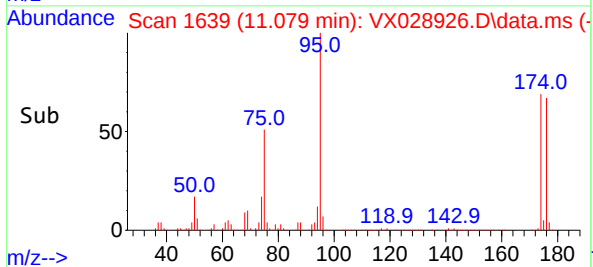
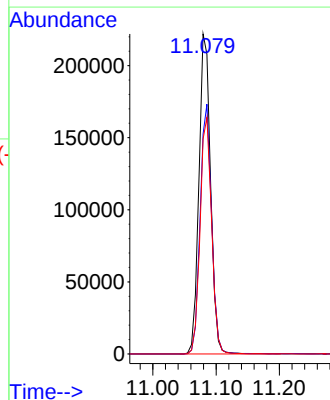
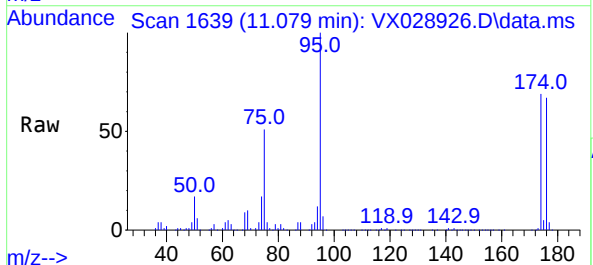
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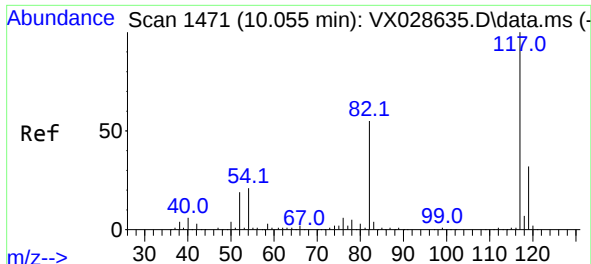
Tgt Ion: 98 Resp: 710215
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion: 95 Resp: 284577
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 73.3 0.0 155.0

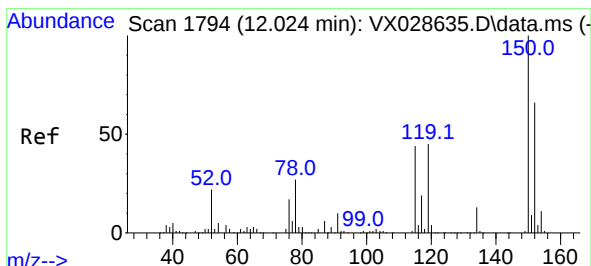
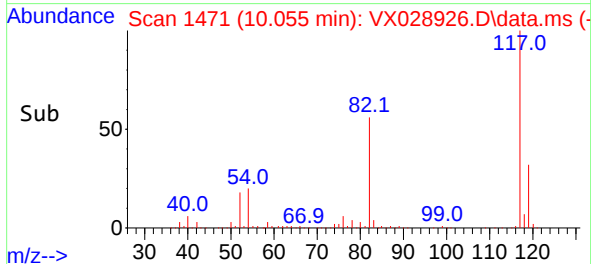
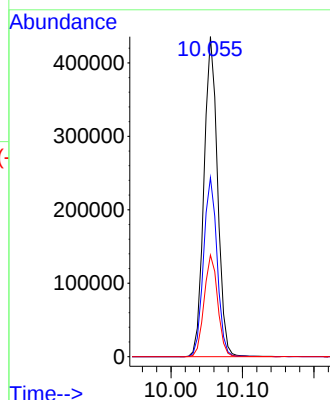
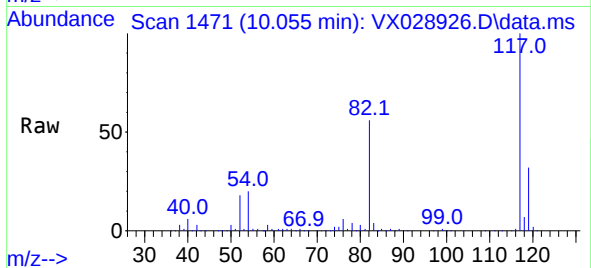




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
36BR-20220519DL

Tgt Ion:117 Resp: 575382
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028926.D
Acq: 24 May 2022 17:05

Tgt Ion:152 Resp: 270697
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 156.4 0.0 338.2

