

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031098.D
 Acq On : 03 Sep 2022 21:21
 Operator : JC/MD
 Sample : N4357-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20220823

Quant Time: Sep 06 00:17:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

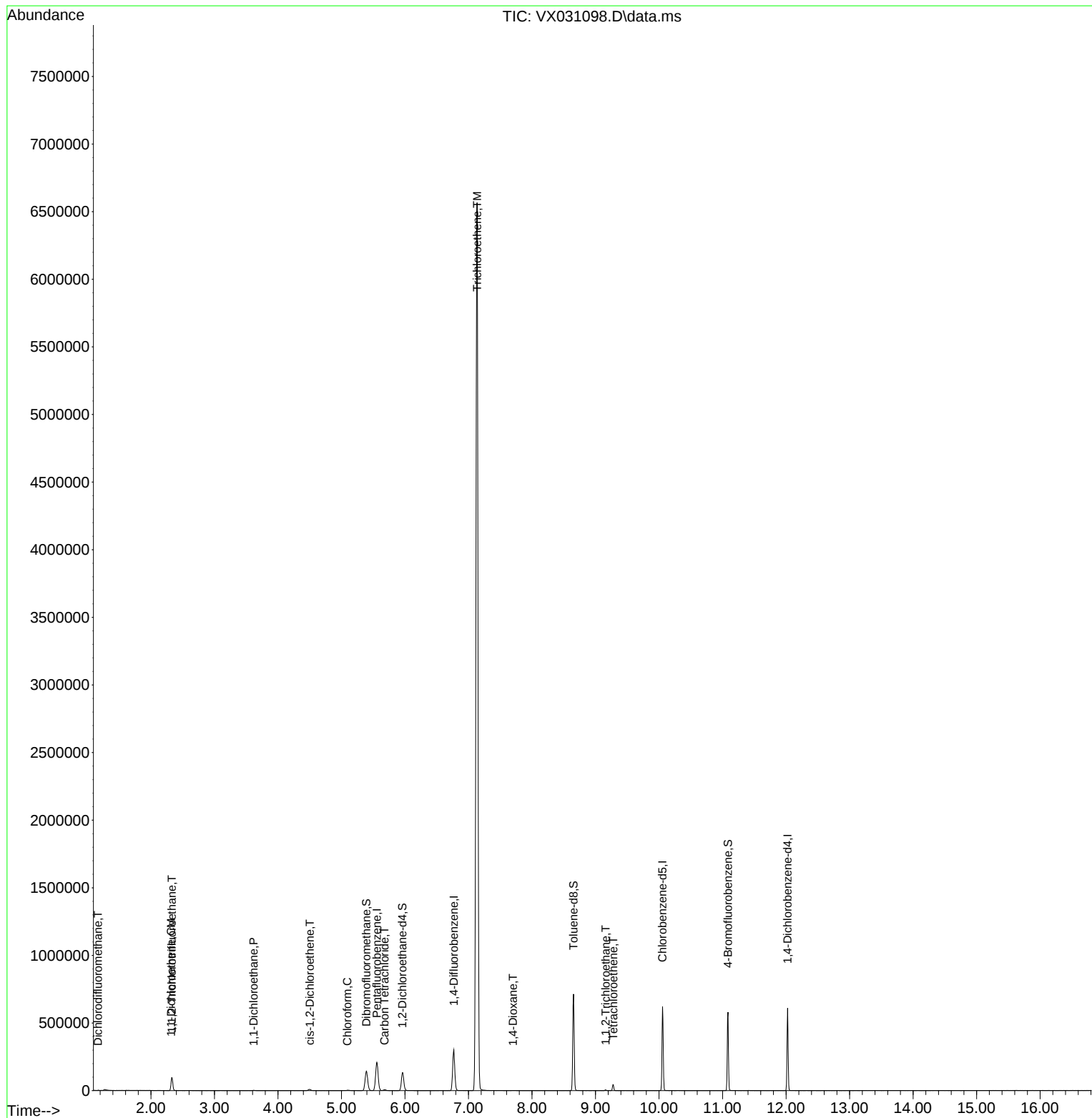
Internal Standards						
1) Pentafluorobenzene	5.555	168	209493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328546	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134054	49.732	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.460%
35) Dibromofluoromethane	5.391	113	128582	53.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.260%
50) Toluene-d8	8.652	98	450091	51.007	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.020%
62) 4-Bromofluorobenzene	11.085	95	154847	49.684	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	622	0.289	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.330	101	32792	13.012	ug/l	90
12) 1,1-Dichloroethene	2.318	96	8248	3.389	ug/l	94
24) 1,1-Dichloroethane	3.617	63	2606	0.594	ug/l #	89
27) cis-1,2-Dichloroethene	4.501	96	6254	2.060	ug/l	85
30) Chloroform	5.092	83	4379	0.910	ug/l	86
38) Carbon Tetrachloride	5.677	117	6039	1.732	ug/l #	92
44) Trichloroethene	7.134	130	2792034	914.865	ug/l	95
49) 1,4-Dioxane	7.701	88	1478	21.106	ug/l #	58
55) 1,1,2-Trichloroethane	9.158	97	1886	0.709	ug/l #	84
64) Tetrachloroethene	9.280	164	8807	2.930	ug/l	92

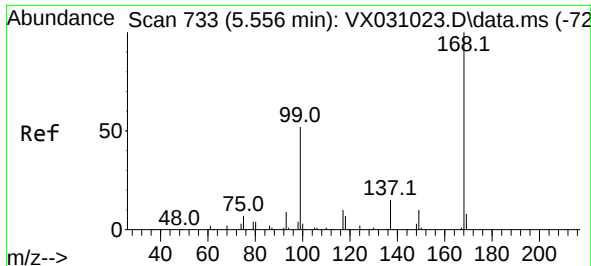
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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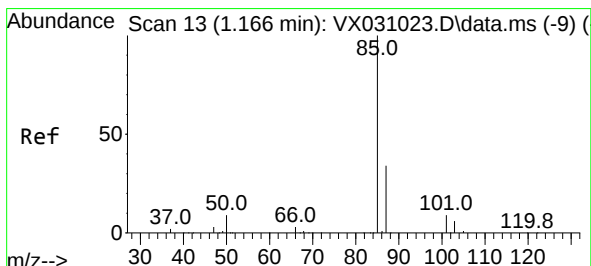
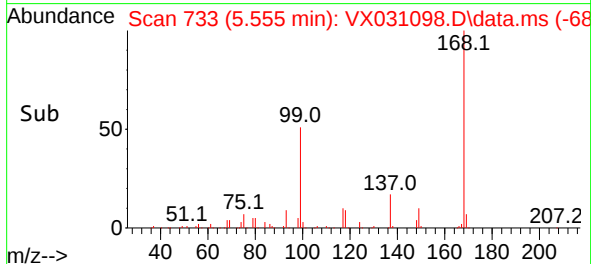
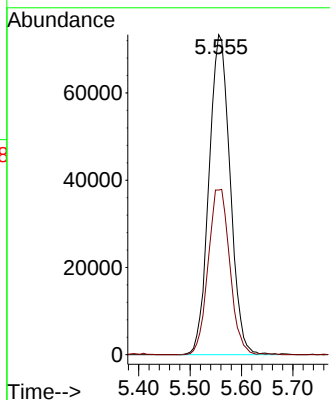
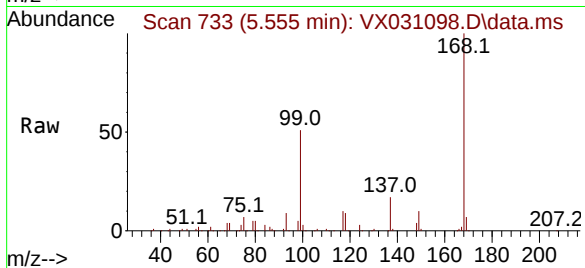




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

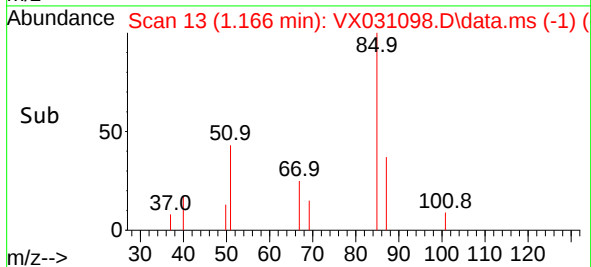
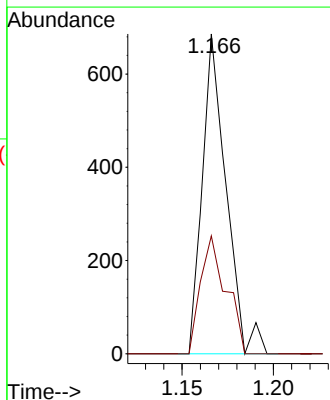
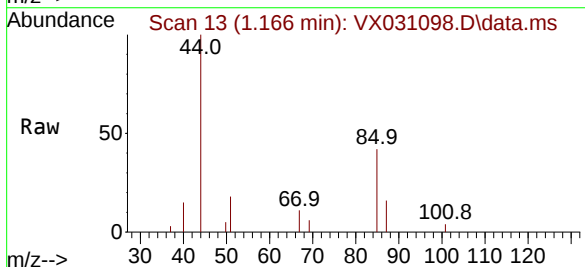
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823

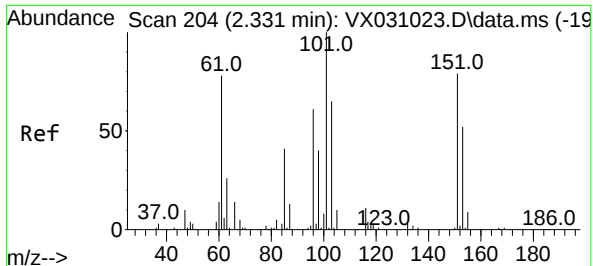
Tgt Ion:168 Resp: 209493
Ion Ratio Lower Upper
168 100
99 51.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.289 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

Tgt Ion: 85 Resp: 622
Ion Ratio Lower Upper
85 100
87 36.9 16.5 49.5

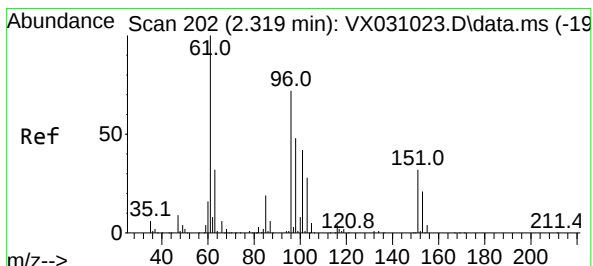
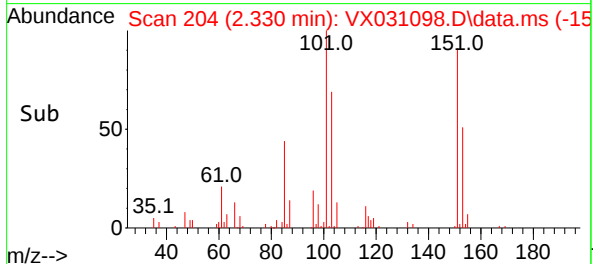
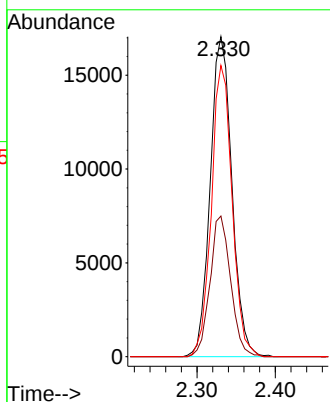
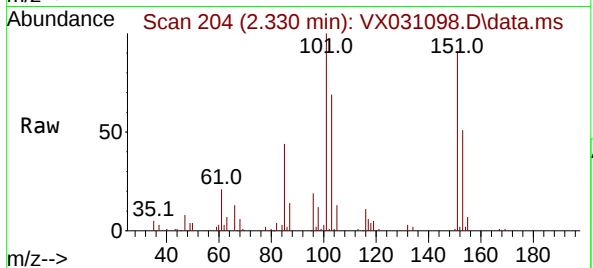




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.012 ug/l
 RT: 2.330 min Scan# 204
 Delta R.T. 0.005 min
 Lab File: VX031098.D
 Acq: 03 Sep 2022 21:21

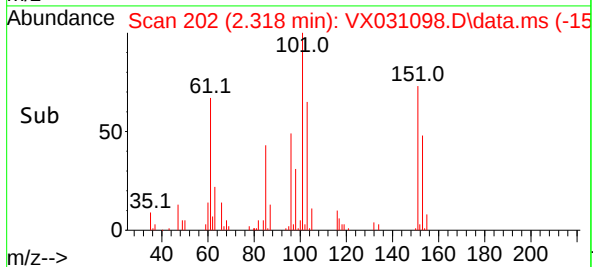
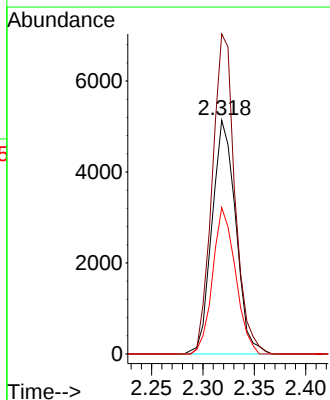
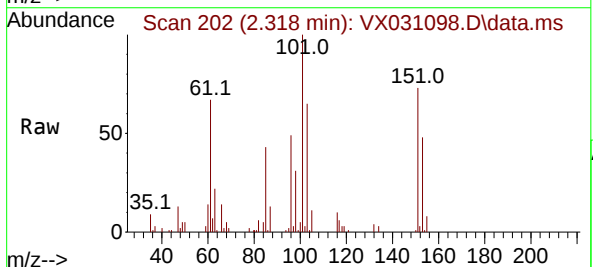
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20220823

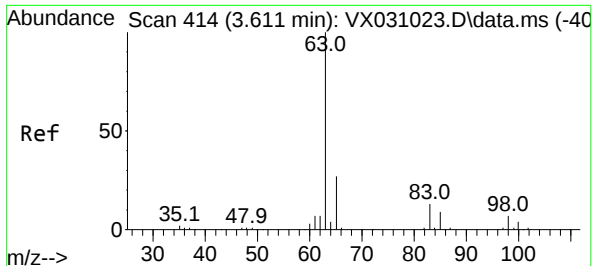
Tgt Ion:101 Resp: 32792
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.0 51.0
 151 87.1 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 3.389 ug/l
 RT: 2.318 min Scan# 202
 Delta R.T. -0.001 min
 Lab File: VX031098.D
 Acq: 03 Sep 2022 21:21

Tgt Ion: 96 Resp: 8248
 Ion Ratio Lower Upper
 96 100
 61 136.9 117.4 176.0
 98 62.6 52.2 78.4

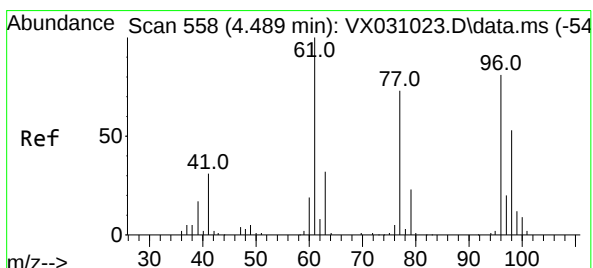
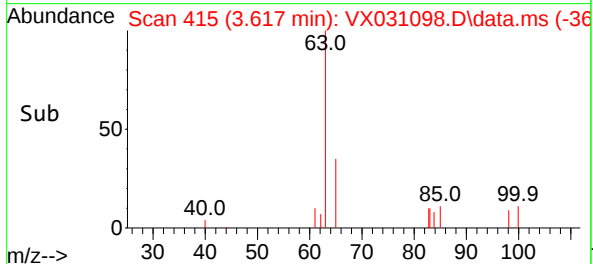
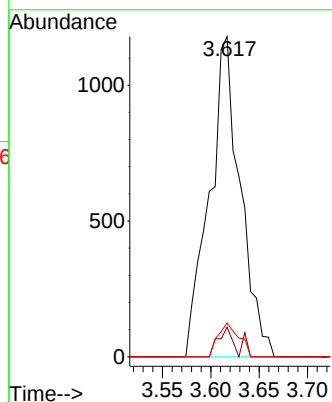
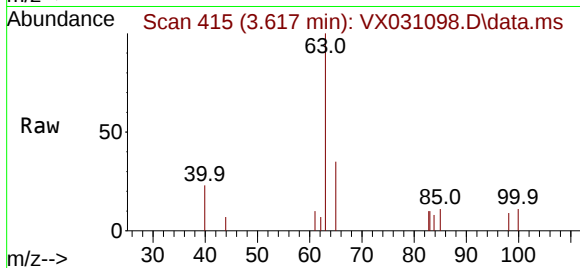




#24
1,1-Dichloroethane
Concen: 0.594 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

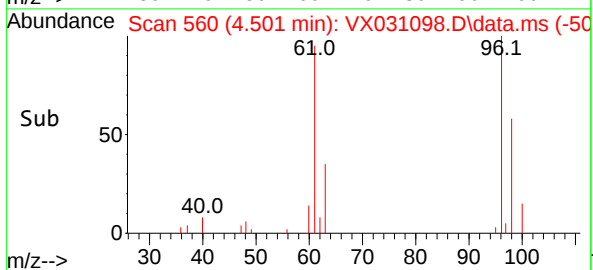
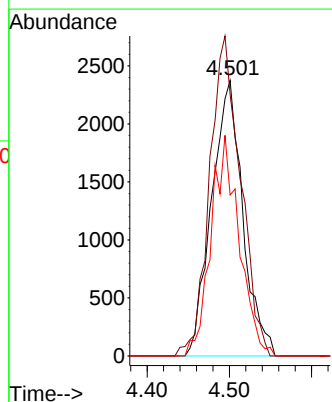
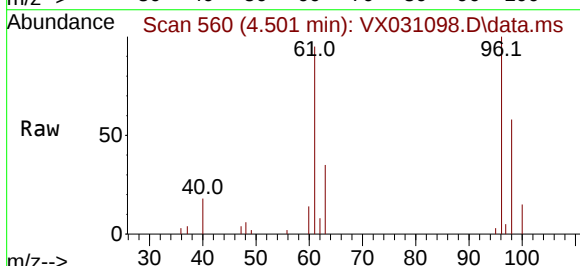
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823

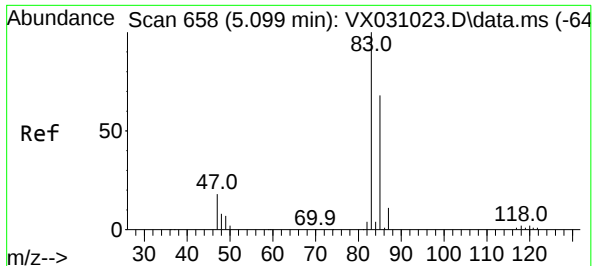
Tgt Ion: 63 Resp: 2606
Ion Ratio Lower Upper
63 100
98 9.2 3.5 10.5
100 10.6 2.3 6.9#



#27
cis-1,2-Dichloroethene
Concen: 2.060 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

Tgt Ion: 96 Resp: 6254
Ion Ratio Lower Upper
96 100
61 114.9 0.0 270.0
98 72.4 0.0 127.8





#30

Chloroform

Concen: 0.910 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX031098.D

Acq: 03 Sep 2022 21:21

Instrument :

MSVOA_X

ClientSampleId :

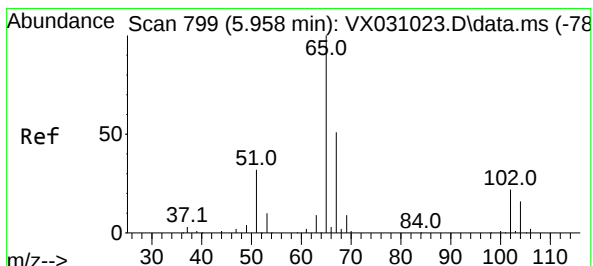
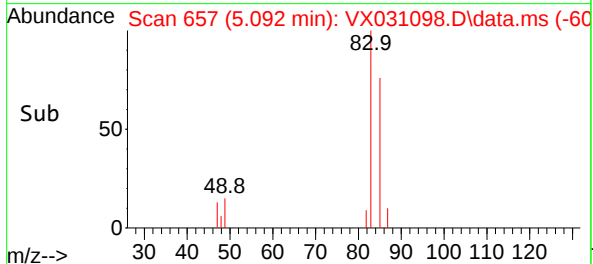
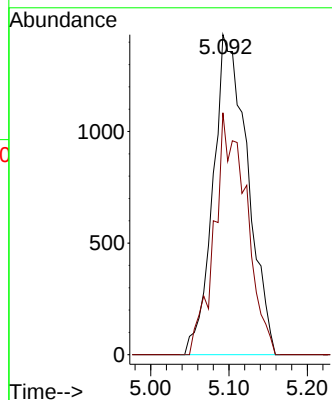
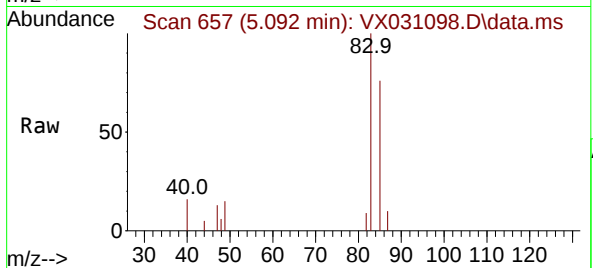
DUP07-20220823

Tgt Ion: 83 Resp: 4379

Ion Ratio Lower Upper

83 100

85 75.6 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 49.732 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031098.D

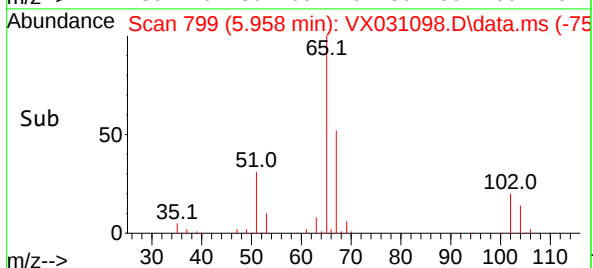
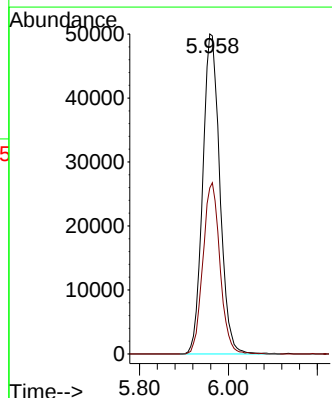
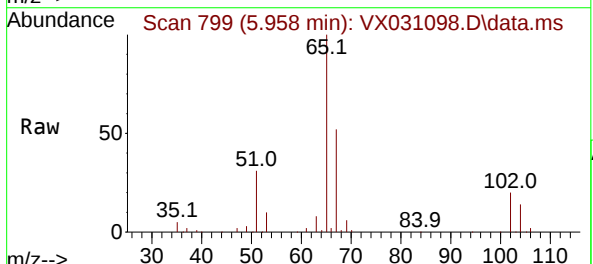
Acq: 03 Sep 2022 21:21

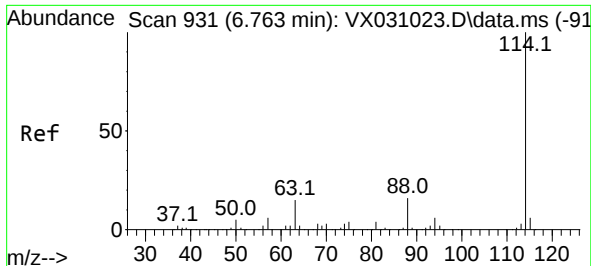
Tgt Ion: 65 Resp: 134054

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6

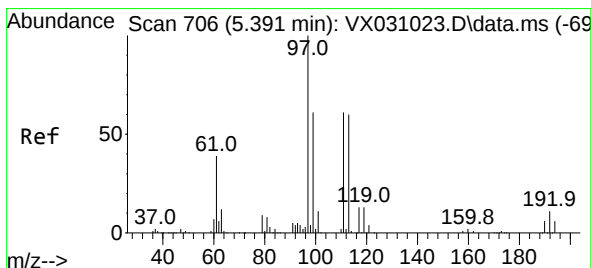
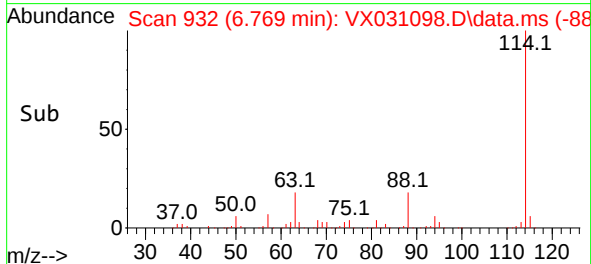
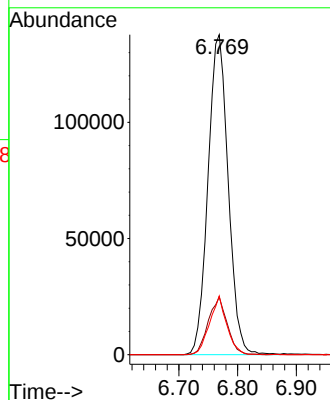
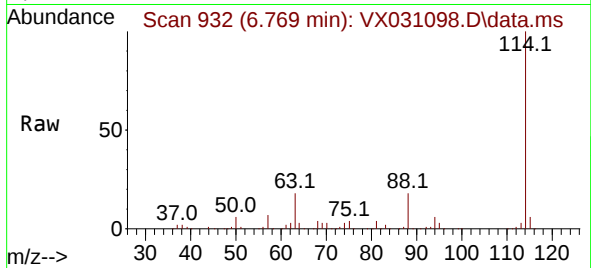




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

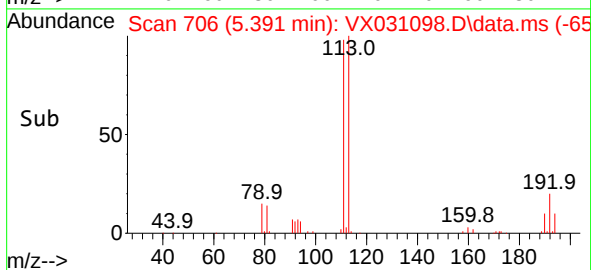
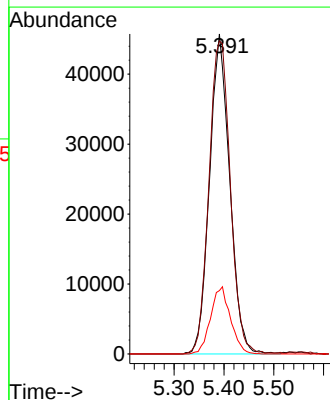
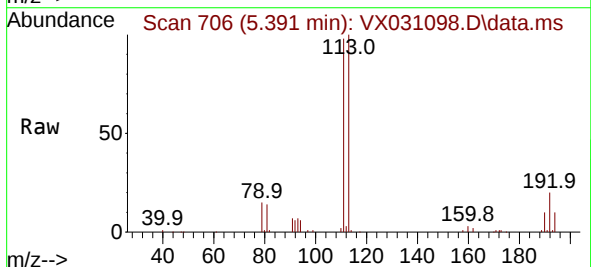
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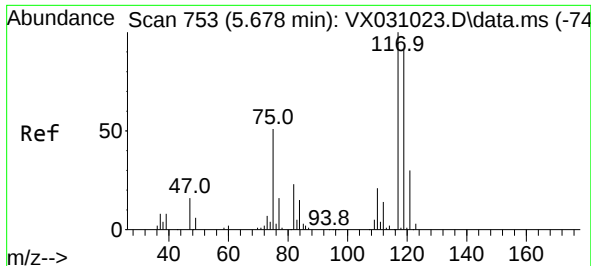
Tgt Ion:114 Resp: 328546
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 18.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.629 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

Tgt Ion:113 Resp: 128582
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 20.7 14.8 22.2

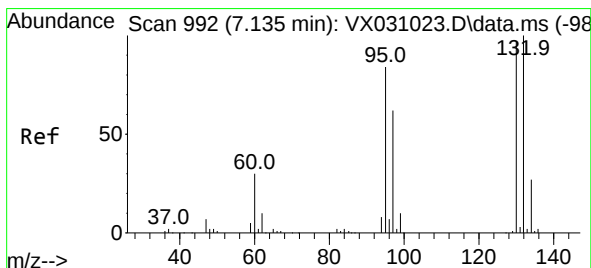
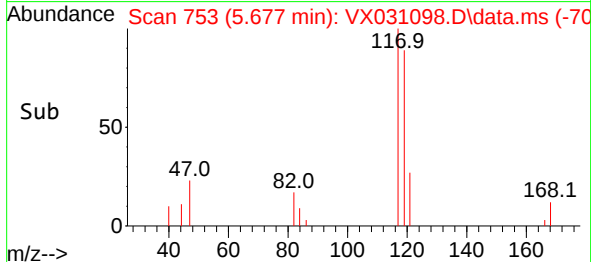
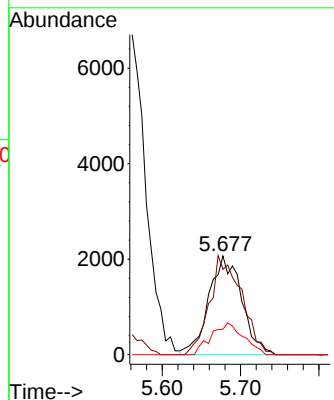
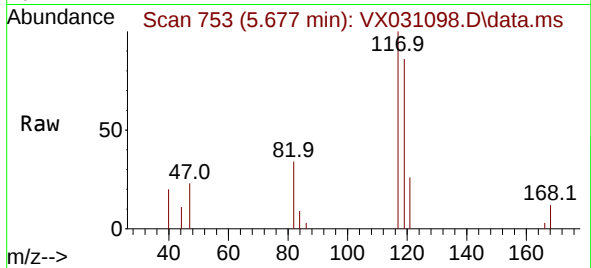




#38
Carbon Tetrachloride
Concen: 1.732 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.007 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

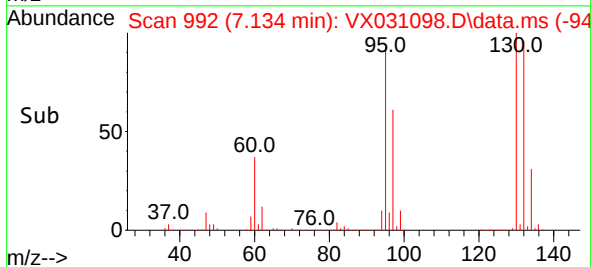
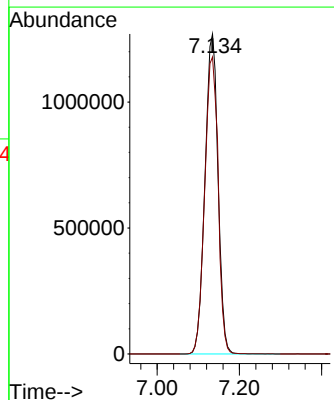
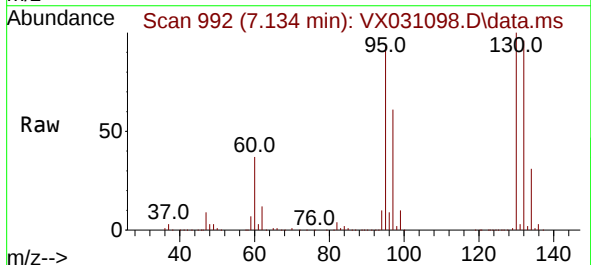
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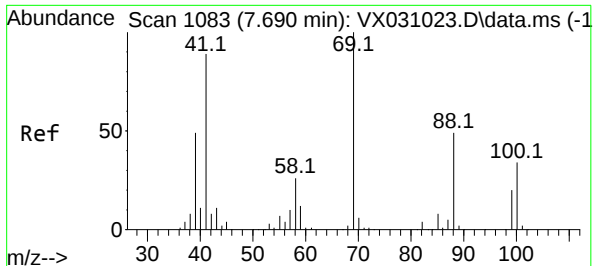
Tgt Ion:117 Resp: 6039
Ion Ratio Lower Upper
117 100
119 86.4 74.1 111.1
121 25.8 25.8 38.8#



#44
Trichloroethene
Concen: 914.865 ug/l
RT: 7.134 min Scan# 992
Delta R.T. 0.005 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

Tgt Ion:130 Resp: 2792034
Ion Ratio Lower Upper
130 100
95 92.8 0.0 194.8





#49

1,4-Dioxane

Concen: 21.106 ug/l

RT: 7.701 min Scan# 1085

Delta R.T. 0.024 min

Lab File: VX031098.D

Acq: 03 Sep 2022 21:21

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20220823

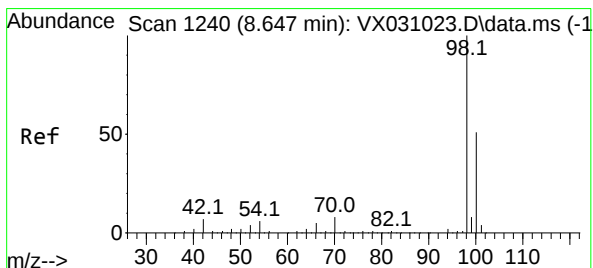
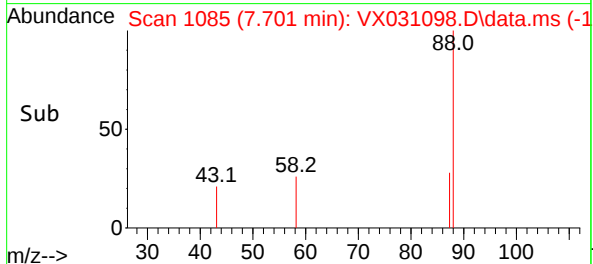
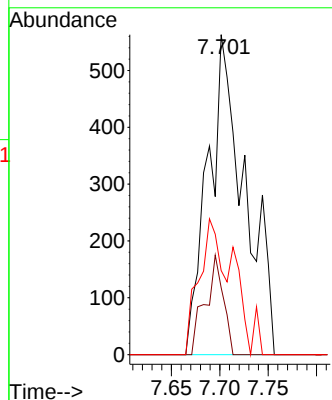
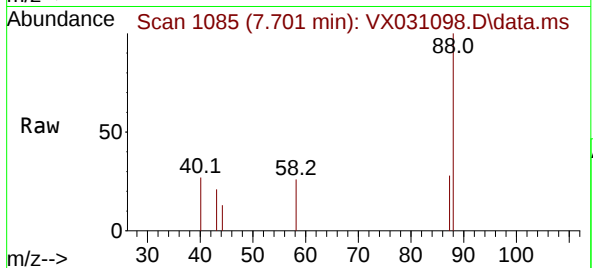
Tgt Ion: 88 Resp: 1478

Ion Ratio Lower Upper

88 100

43 15.4 23.8 35.8#

58 27.6 53.8 80.6#



#50

Toluene-d8

Concen: 51.007 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX031098.D

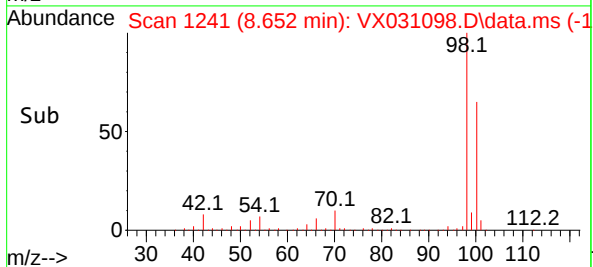
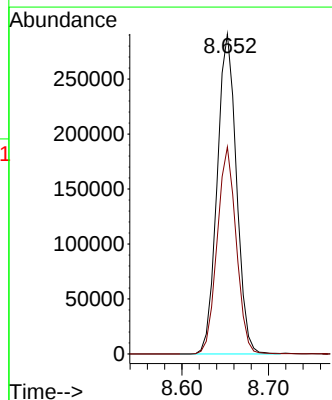
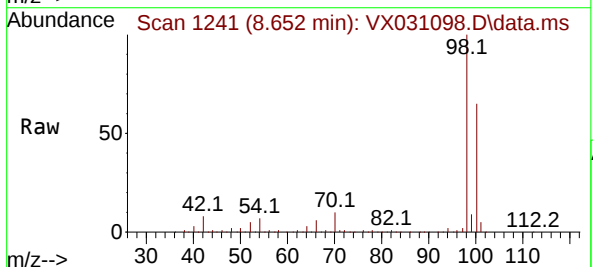
Acq: 03 Sep 2022 21:21

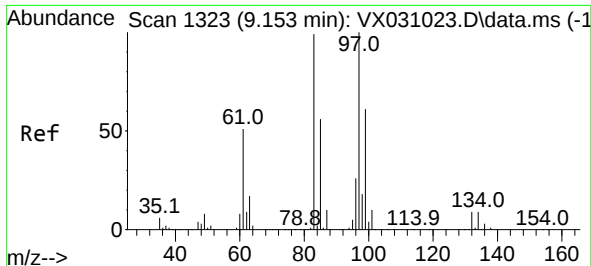
Tgt Ion: 98 Resp: 450091

Ion Ratio Lower Upper

98 100

100 63.9 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 0.709 ug/l

RT: 9.158 min Scan# 11

Delta R.T. 0.005 min

Lab File: VX031098.D

Acq: 03 Sep 2022 21:21

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20220823

Tgt Ion: 97 Resp: 1886

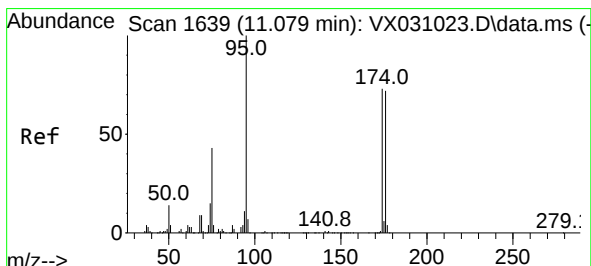
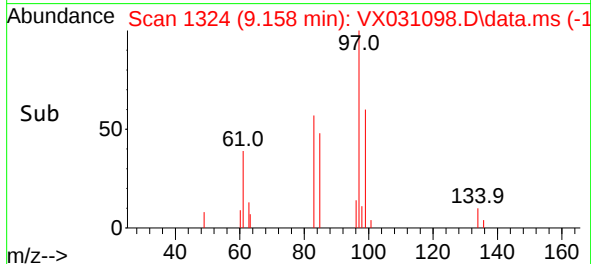
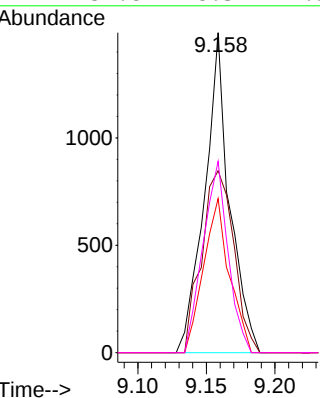
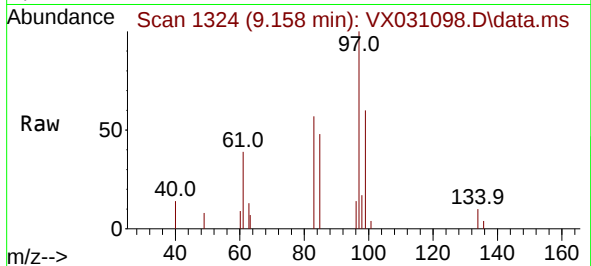
Ion Ratio Lower Upper

97 100

83 56.8 68.9 103.3#

85 48.1 44.0 66.0

99 59.8 48.3 72.5



#62

4-Bromofluorobenzene

Concen: 49.684 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX031098.D

Acq: 03 Sep 2022 21:21

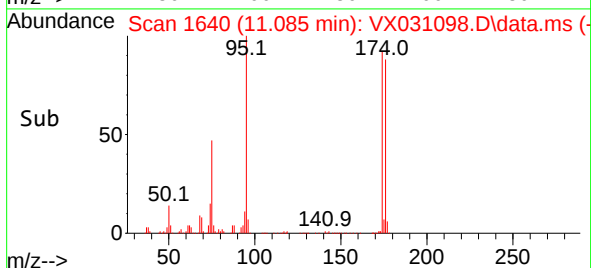
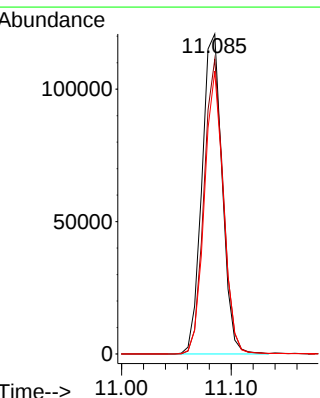
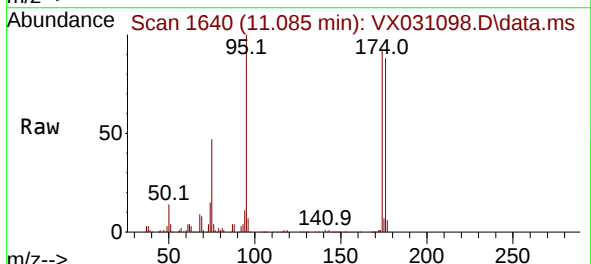
Tgt Ion: 95 Resp: 154847

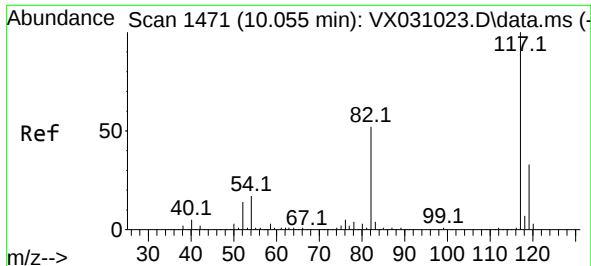
Ion Ratio Lower Upper

95 100

174 88.3 0.0 149.0

176 83.6 0.0 146.0

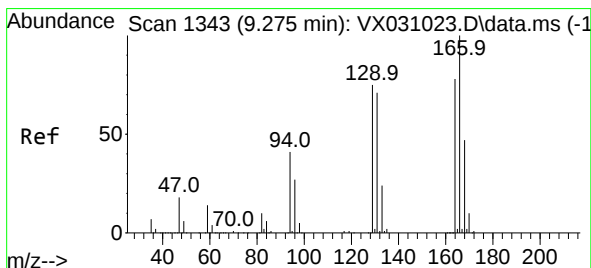
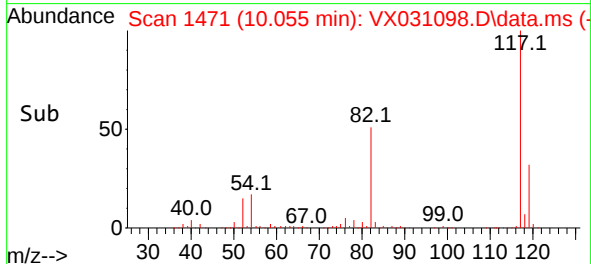
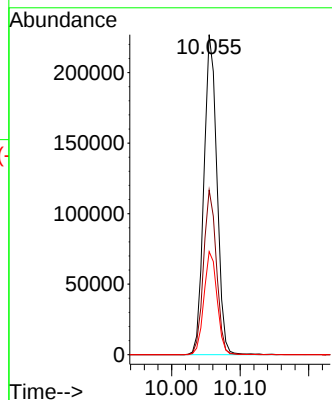
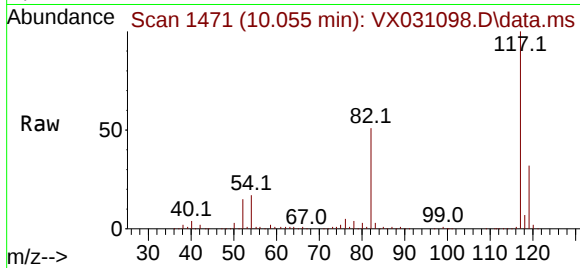




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

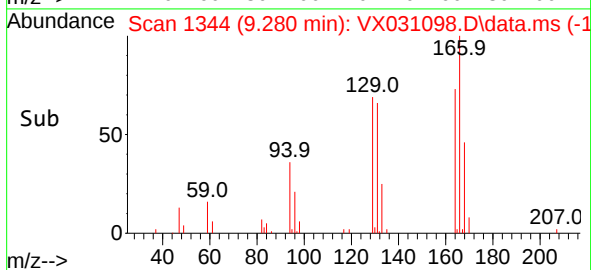
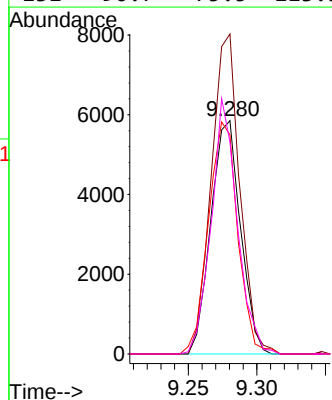
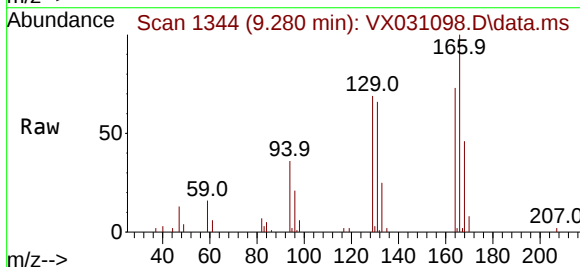
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20220823

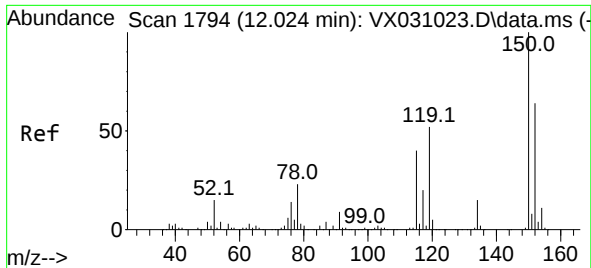
Tgt Ion:117 Resp: 301047
Ion Ratio Lower Upper
117 100
82 51.5 42.7 64.1
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 2.930 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VX031098.D
Acq: 03 Sep 2022 21:21

Tgt Ion:164 Resp: 8807
Ion Ratio Lower Upper
164 100
166 137.1 98.2 147.4
129 94.0 80.8 121.2
131 90.7 75.5 113.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031098.D

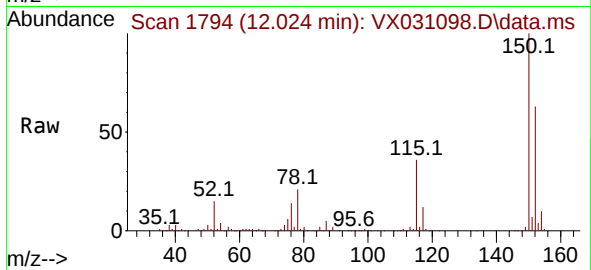
Acq: 03 Sep 2022 21:21

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20220823



Tgt Ion:152 Resp: 132444

Ion Ratio Lower Upper

152 100

115 57.4 40.5 121.5

150 156.6 0.0 347.0

