

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031099.D
 Acq On : 03 Sep 2022 21:44
 Operator : JC/MD
 Sample : N4357-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20220823

Quant Time: Sep 06 00:18:08 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)

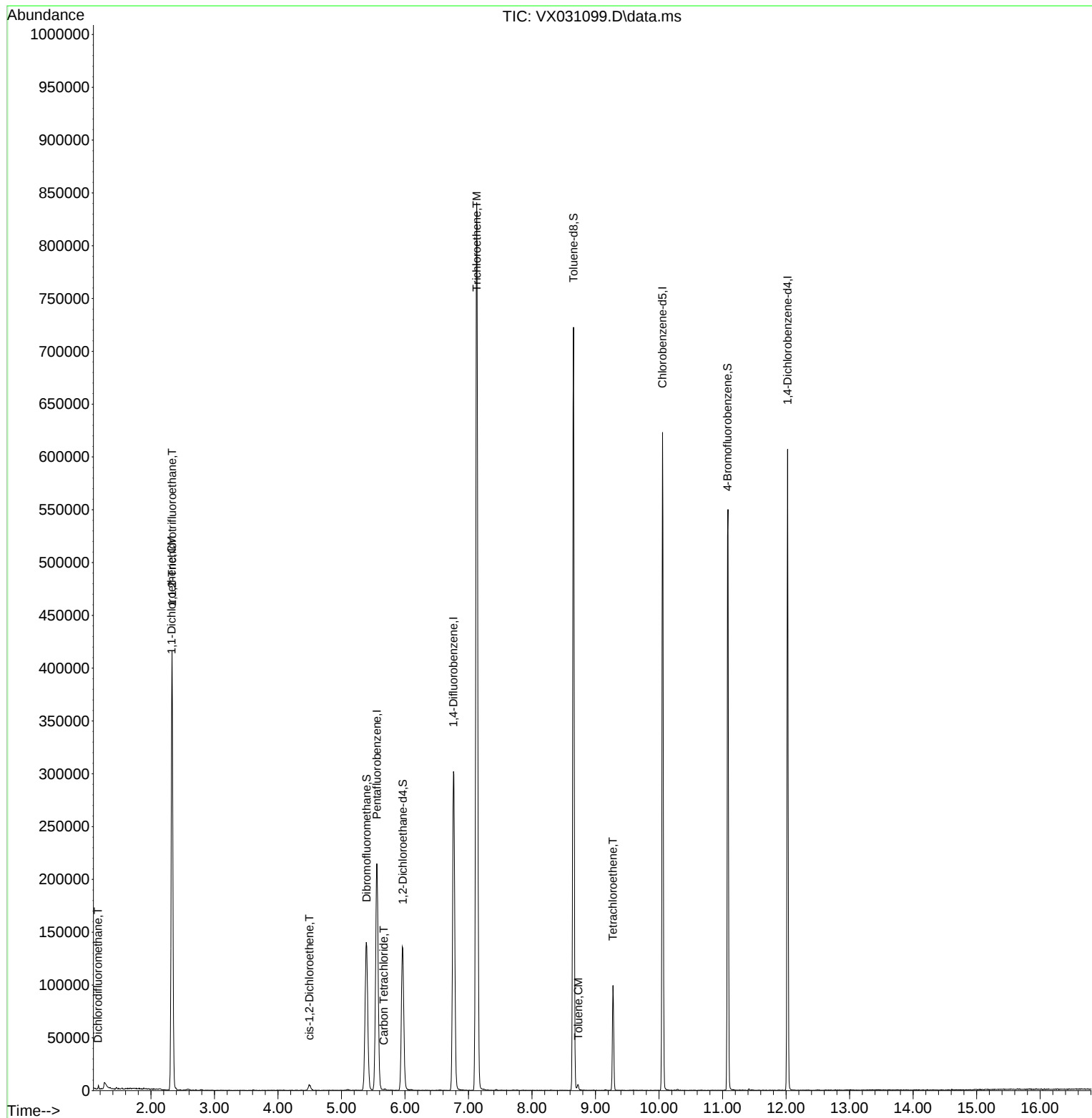
Internal Standards						
1) Pentafluorobenzene	5.556	168	213386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	339235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136386	49.674	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.340%
35) Dibromofluoromethane	5.397	113	126761	51.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.400%
50) Toluene-d8	8.653	98	452462	49.660	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	151015	46.928	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	500	0.228	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	162946	63.476	ug/l	91
12) 1,1-Dichloroethene	2.325	96	2161	0.872	ug/l #	65
27) cis-1,2-Dichloroethene	4.495	96	3977	1.286	ug/l	80
38) Carbon Tetrachloride	5.666	117	1139	0.316	ug/l #	62
44) Trichloroethene	7.129	130	348617	110.632	ug/l	99
52) Toluene	8.726	92	2086	0.323	ug/l	97
64) Tetrachloroethene	9.275	164	19501	6.427	ug/l	94

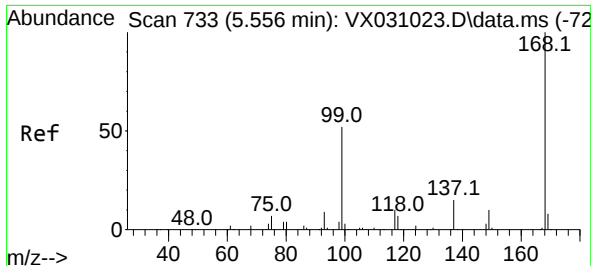
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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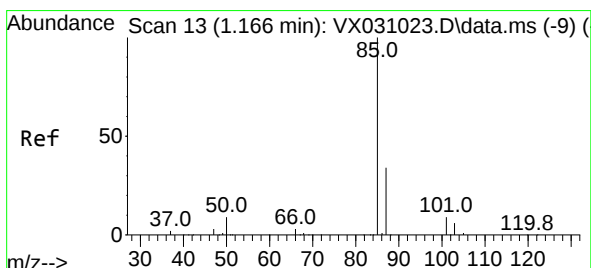
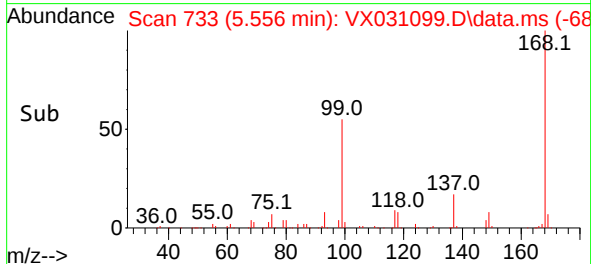
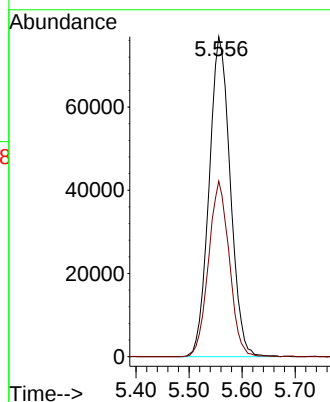
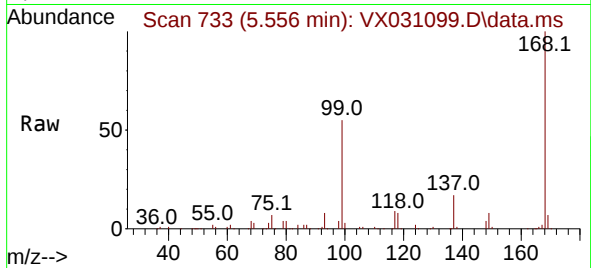




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031099.D
Acq: 03 Sep 2022 21:44

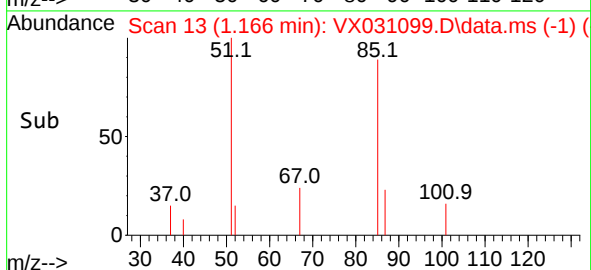
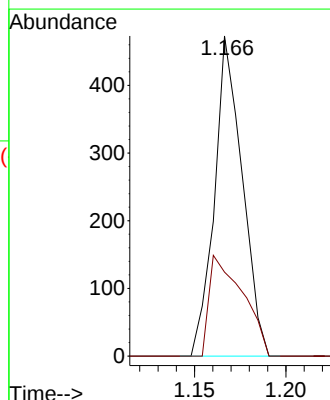
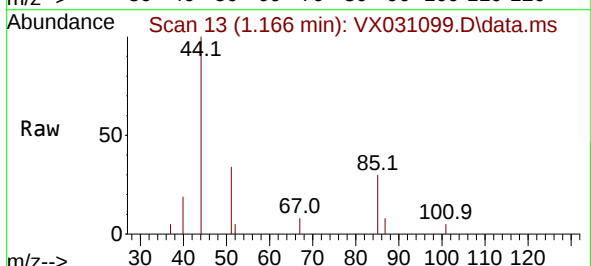
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823

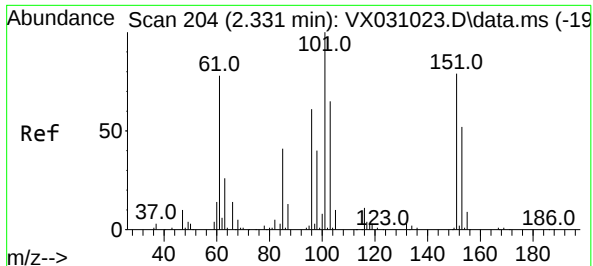
Tgt Ion:168 Resp: 213386
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.228 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031099.D
Acq: 03 Sep 2022 21:44

Tgt Ion: 85 Resp: 500
Ion Ratio Lower Upper
85 100
87 26.2 16.5 49.5

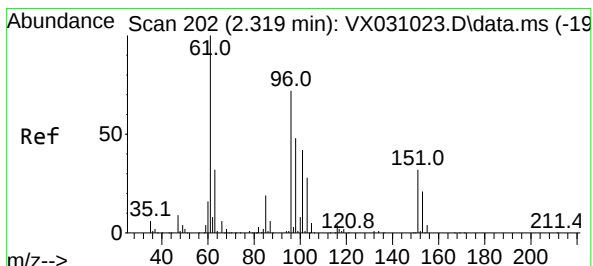
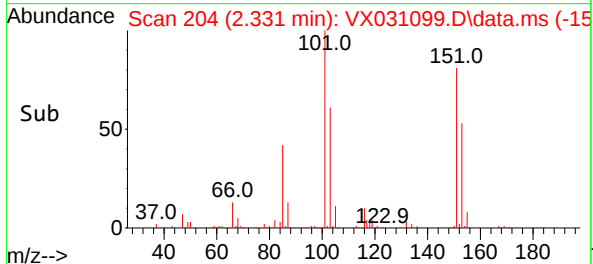
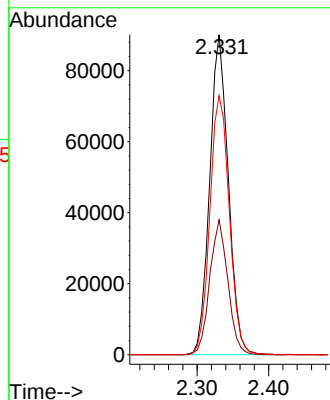
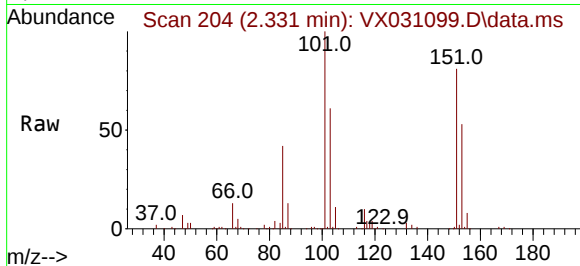




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 63.476 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX031099.D
 Acq: 03 Sep 2022 21:44

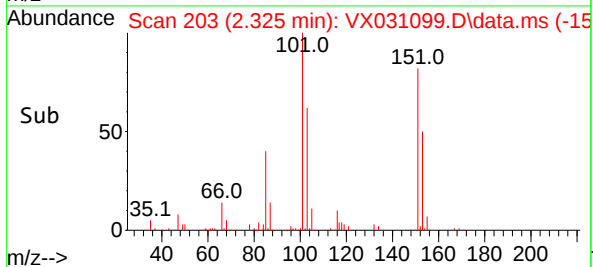
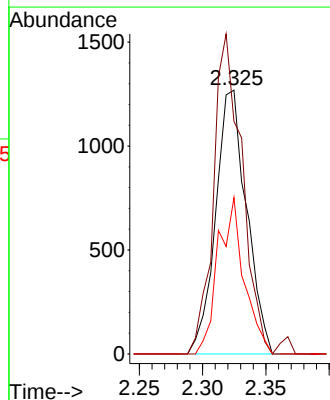
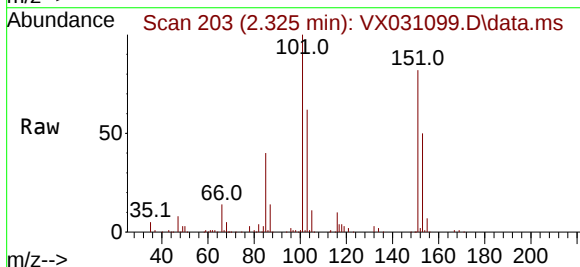
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20220823

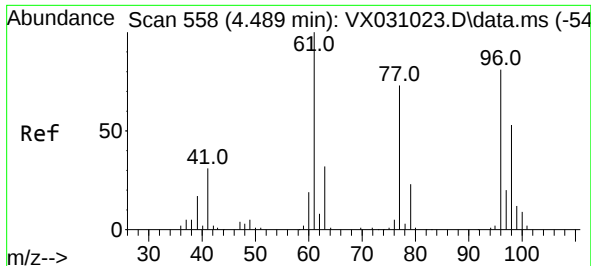
Tgt Ion:101 Resp: 162946
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.0 51.0
 151 84.6 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 0.872 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX031099.D
 Acq: 03 Sep 2022 21:44

Tgt Ion: 96 Resp: 2161
 Ion Ratio Lower Upper
 96 100
 61 88.2 117.4 176.0#
 98 59.3 52.2 78.4

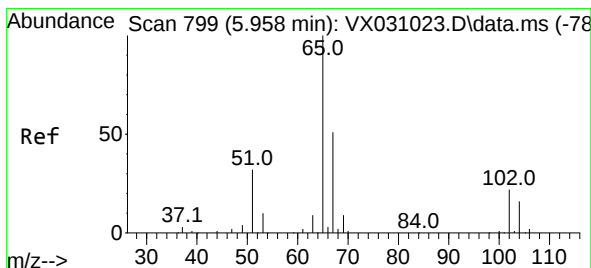
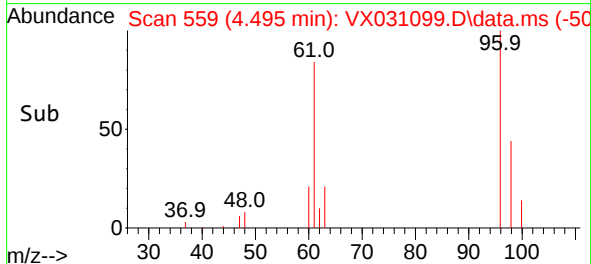
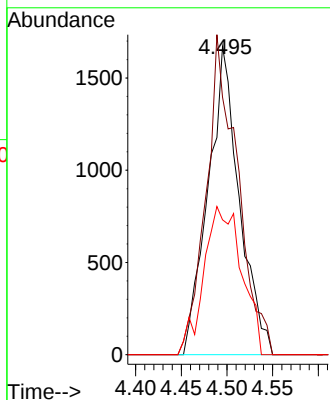
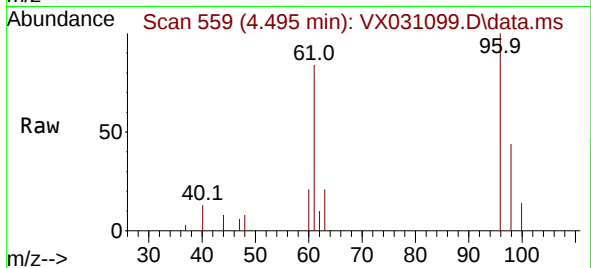




#27
 cis-1,2-Dichloroethene
 Concen: 1.286 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX031099.D
 Acq: 03 Sep 2022 21:44

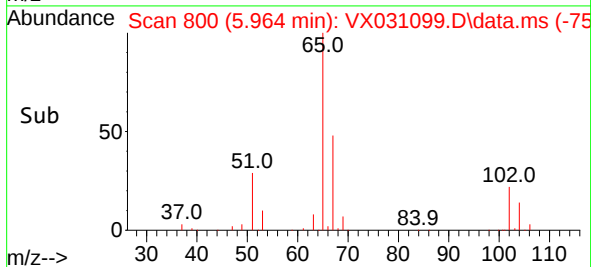
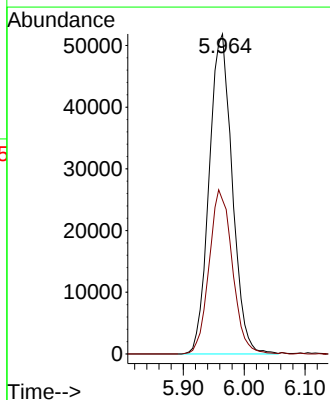
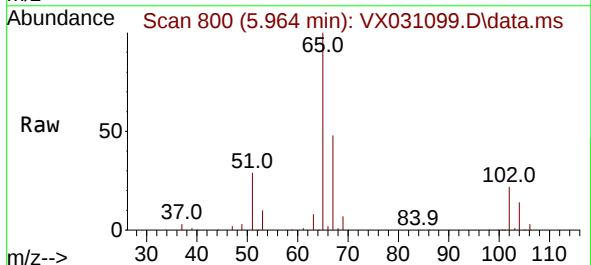
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20220823

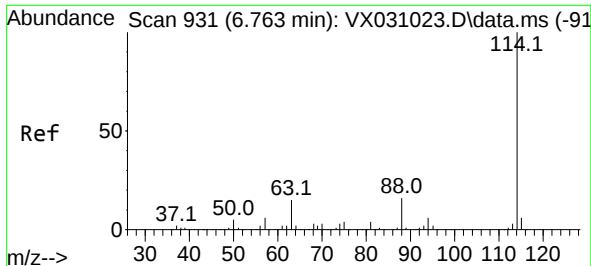
Tgt Ion: 96 Resp: 3977
 Ion Ratio Lower Upper
 96 100
 61 104.2 0.0 270.0
 98 58.3 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 49.674 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX031099.D
 Acq: 03 Sep 2022 21:44

Tgt Ion: 65 Resp: 136386
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 109.6

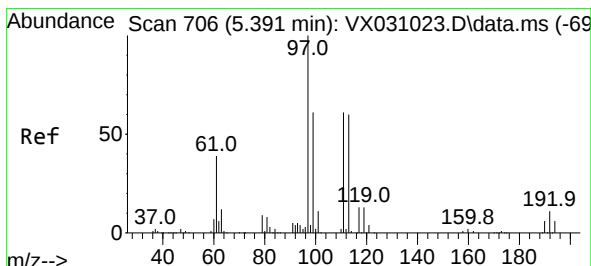
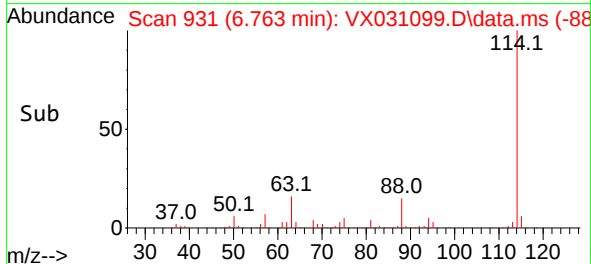
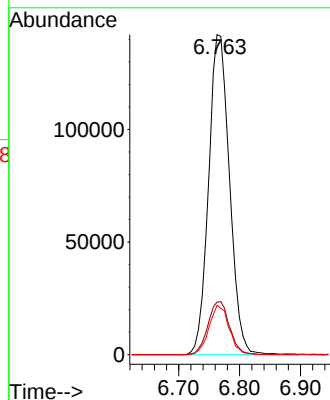
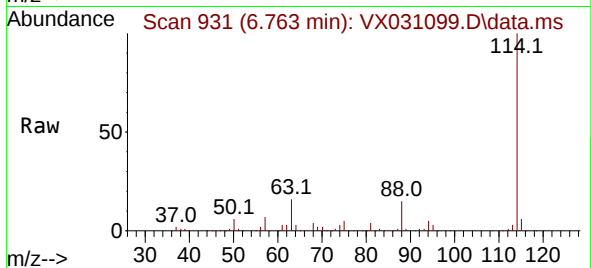




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031099.D
Acq: 03 Sep 2022 21:44

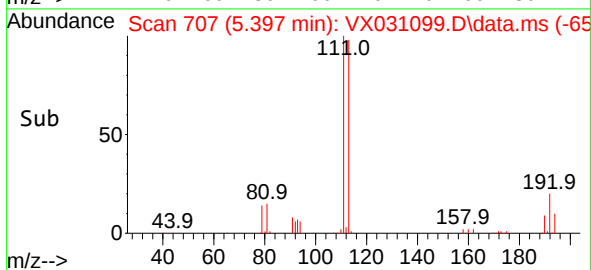
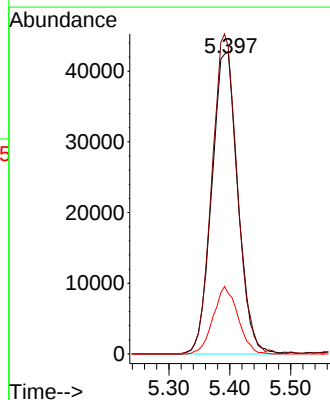
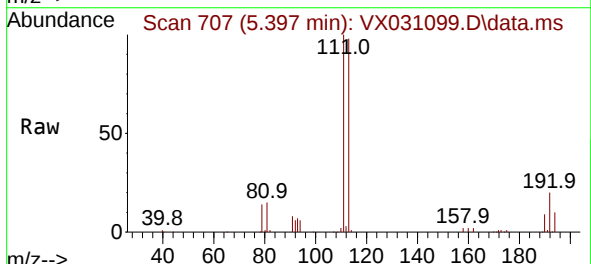
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823

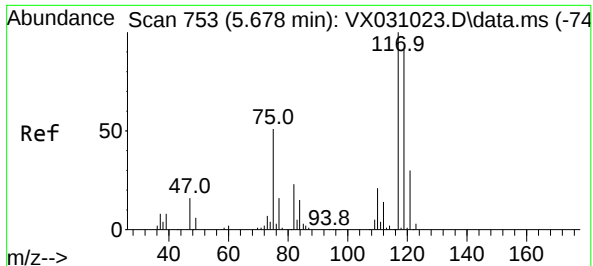
Tgt Ion:114 Resp: 339235
Ion Ratio Lower Upper
114 100
63 16.4 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.204 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX031099.D
Acq: 03 Sep 2022 21:44

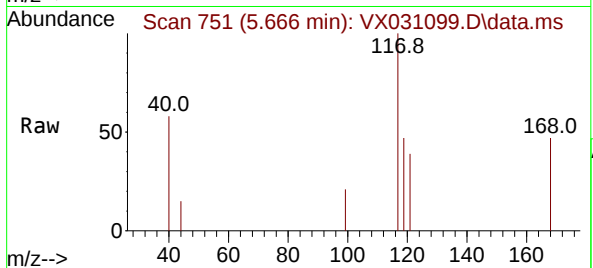
Tgt Ion:113 Resp: 126761
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 21.2 14.8 22.2



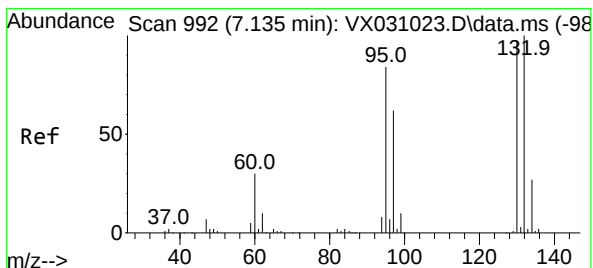
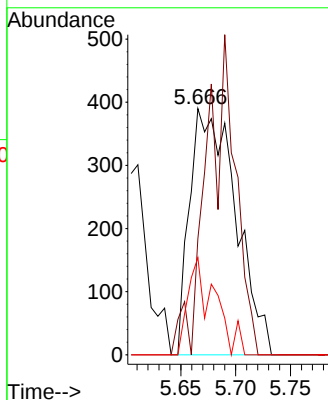
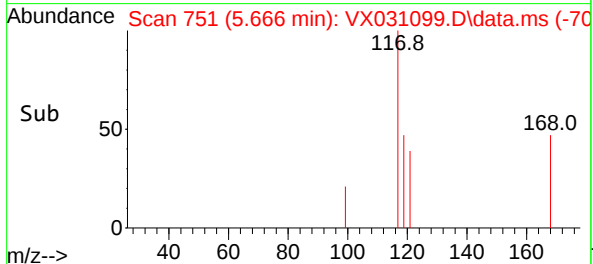


#38
Carbon Tetrachloride
Concen: 0.316 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.018 min
Lab File: VX031099.D
Acq: 03 Sep 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823

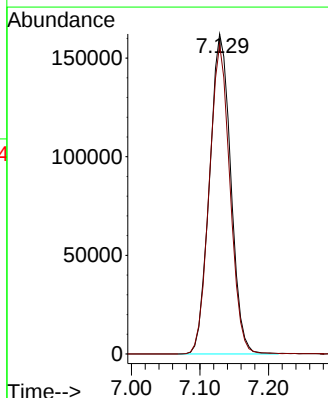
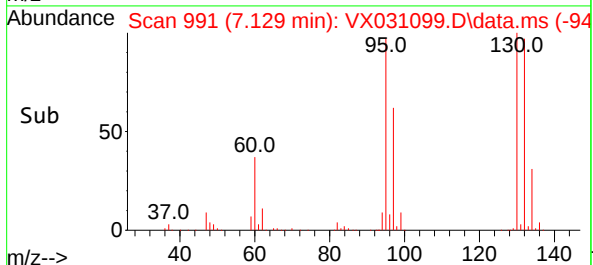
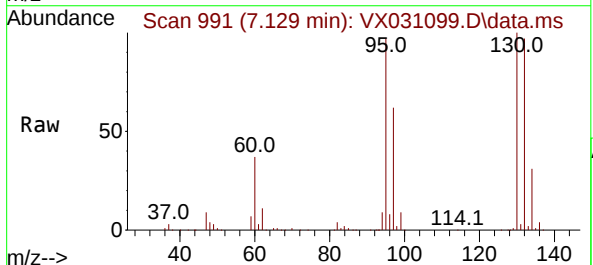


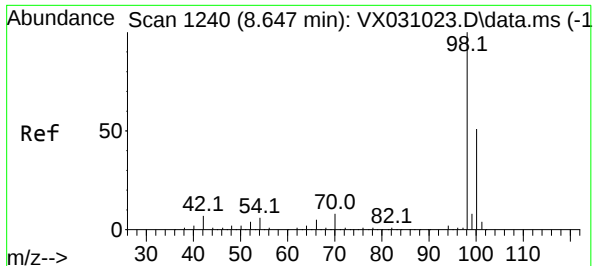
Tgt Ion:117 Resp: 1139
Ion Ratio Lower Upper
117 100
119 47.2 74.1 111.1#
121 39.5 25.8 38.8#



#44
Trichloroethene
Concen: 110.632 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031099.D
Acq: 03 Sep 2022 21:44

Tgt Ion:130 Resp: 348617
Ion Ratio Lower Upper
130 100
95 96.6 0.0 194.8





#50

Toluene-d8

Concen: 49.660 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031099.D

Acq: 03 Sep 2022 21:44

Instrument :

MSVOA_X

ClientSampleId :

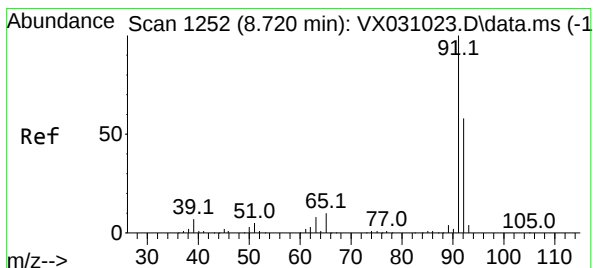
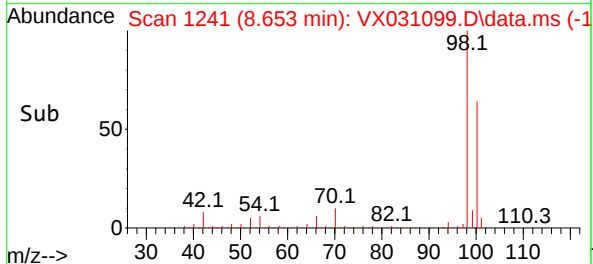
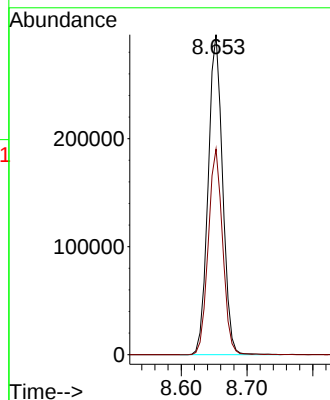
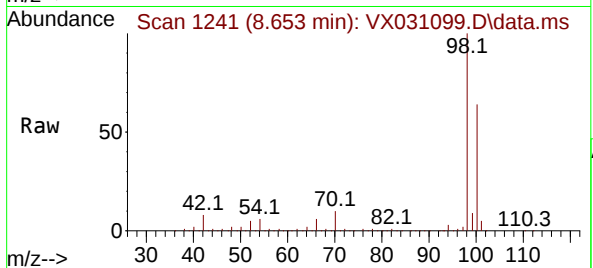
DUP05-20220823

Tgt Ion: 98 Resp: 452462

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#52

Toluene

Concen: 0.323 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX031099.D

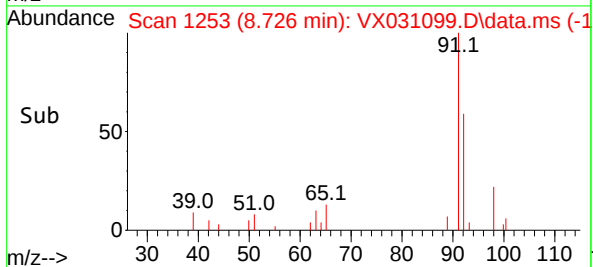
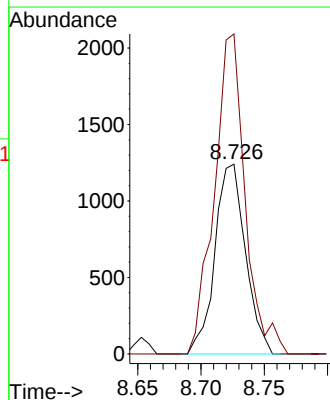
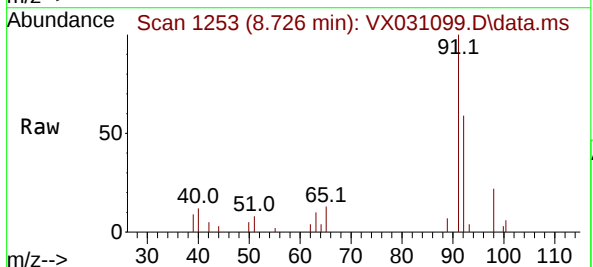
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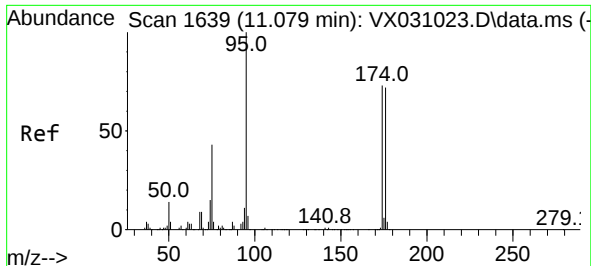
Tgt Ion: 92 Resp: 2086

Ion Ratio Lower Upper

92 100

91 169.7 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 46.928 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX031099.D

Acq: 03 Sep 2022 21:44

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20220823

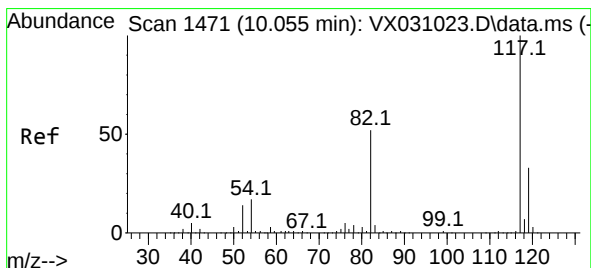
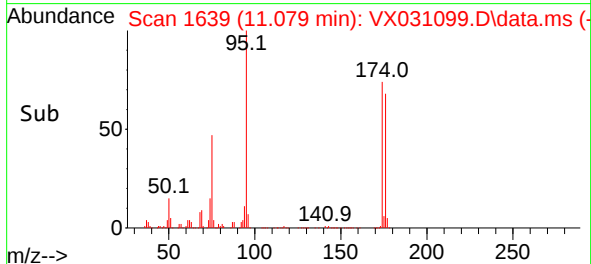
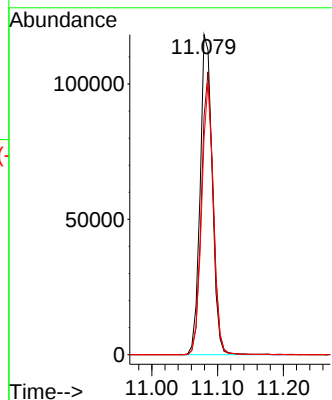
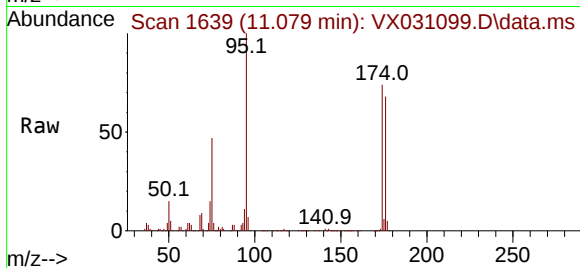
Tgt Ion: 95 Resp: 151015

Ion Ratio Lower Upper

95 100

174 86.8 0.0 149.0

176 82.6 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: VX031099.D

Acq: 03 Sep 2022 21:44

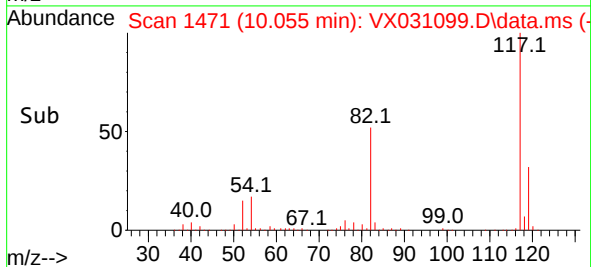
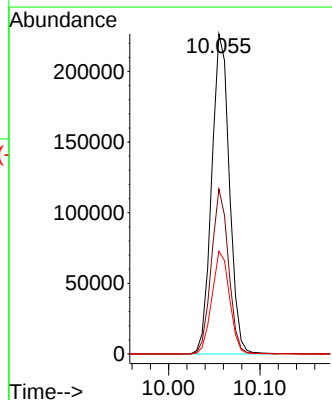
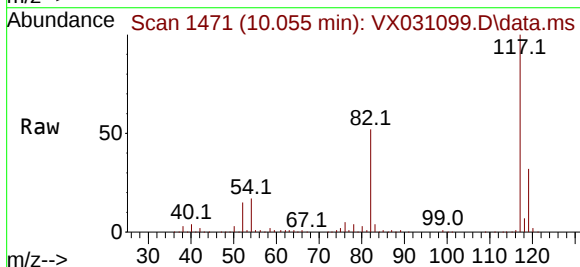
Tgt Ion: 117 Resp: 303915

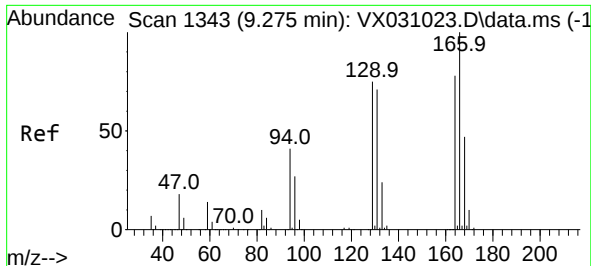
Ion Ratio Lower Upper

117 100

82 51.5 42.7 64.1

119 32.1 25.4 38.2

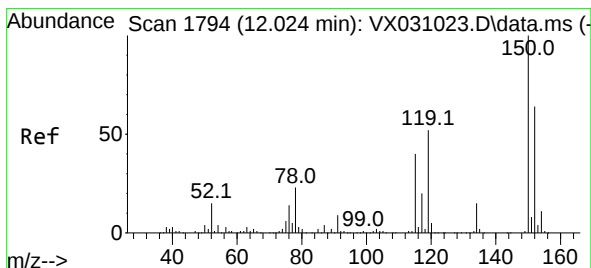
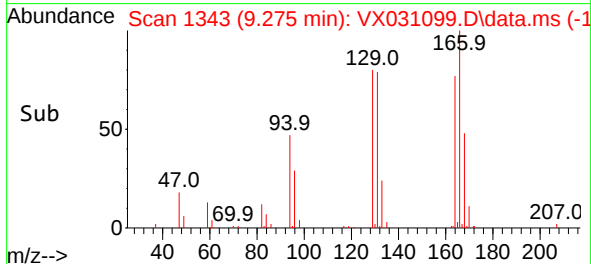
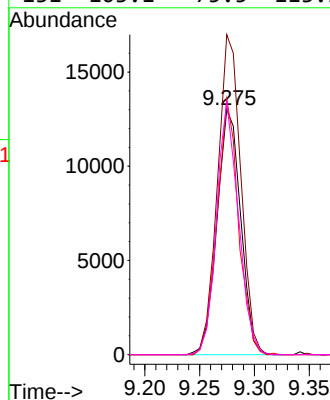
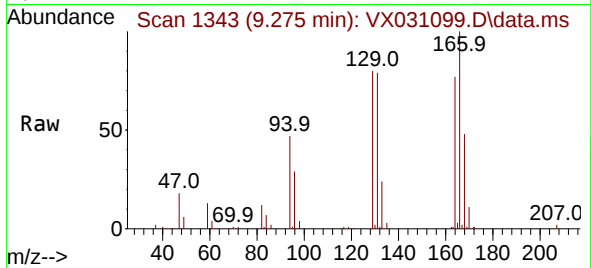




#64
Tetrachloroethene
Concen: 6.427 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031099.D
Acq: 03 Sep 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823

Tgt Ion:164	Resp:	19501
Ion	Ratio	Lower Upper
164	100	
166	130.6	98.2 147.4
129	104.4	80.8 121.2
131	103.1	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031099.D
Acq: 03 Sep 2022 21:44

Tgt Ion:152	Resp:	132317
Ion	Ratio	Lower Upper
152	100	
115	57.0	40.5 121.5
150	155.1	0.0 347.0

