

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031062.D
 Acq On : 02 Sep 2022 13:18
 Operator : JC/MD
 Sample : N4298-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Quant Time: Sep 03 00:49:13 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)

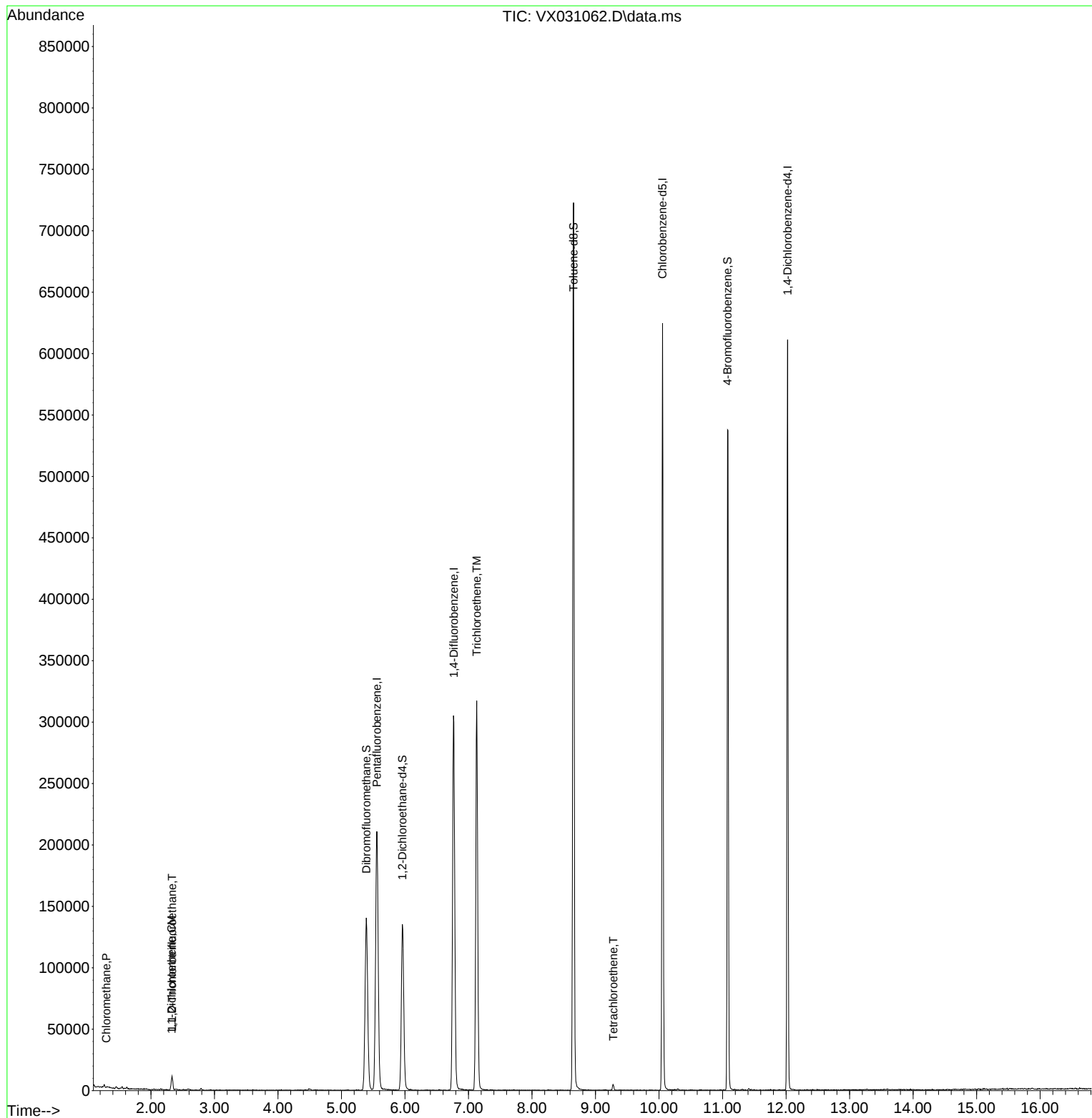
Internal Standards						
1) Pentafluorobenzene	5.556	168	214544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	341951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132351	47.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.880%
35) Dibromofluoromethane	5.391	113	126830	50.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	8.653	98	457043	49.764	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	153708	47.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	299	0.840	ug/l #	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	3827	1.483	ug/l #	86
12) 1,1-Dichloroethene	2.325	96	547	0.219	ug/l	99
44) Trichloroethene	7.129	130	134089	42.215	ug/l	81
64) Tetrachloroethene	9.281	164	910	0.298	ug/l #	64

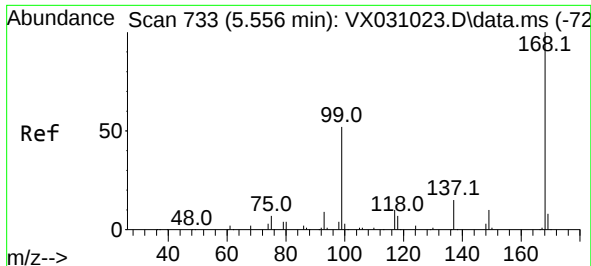
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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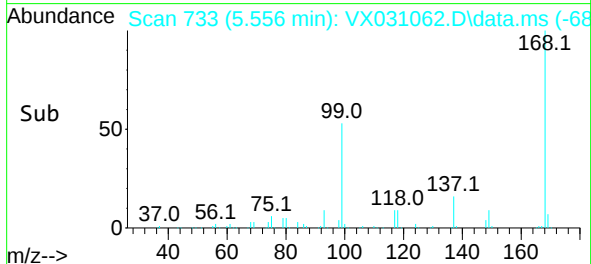
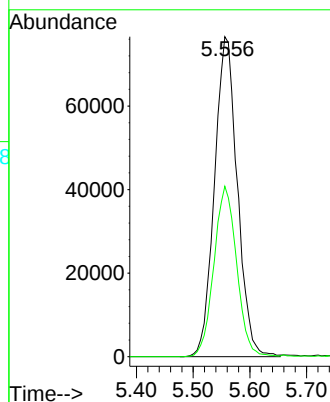
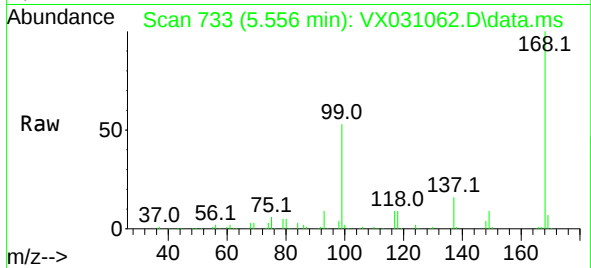




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031062.D
Acq: 02 Sep 2022 13:18

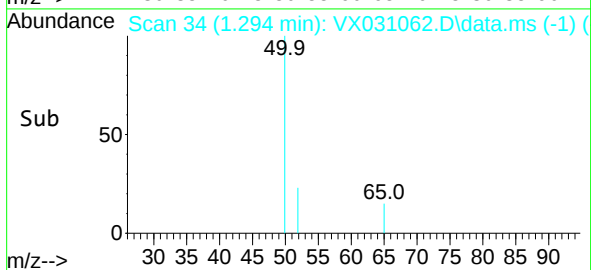
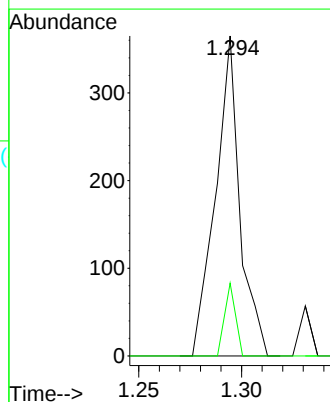
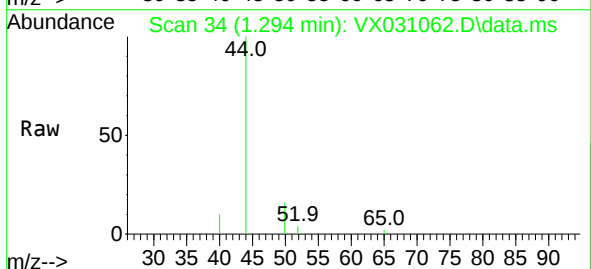
Instrument :
MSVOA_X
ClientSampleId :
MDL05

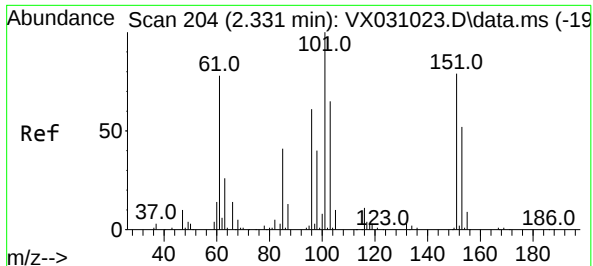
Tgt Ion:168 Resp: 214544
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#3
Chloromethane
Concen: 0.840 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031062.D
Acq: 02 Sep 2022 13:18

Tgt Ion: 50 Resp: 299
Ion Ratio Lower Upper
50 100
52 22.7 26.3 39.5

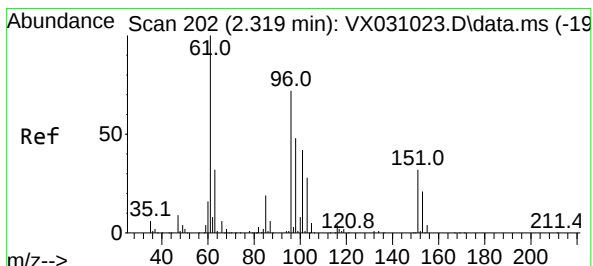
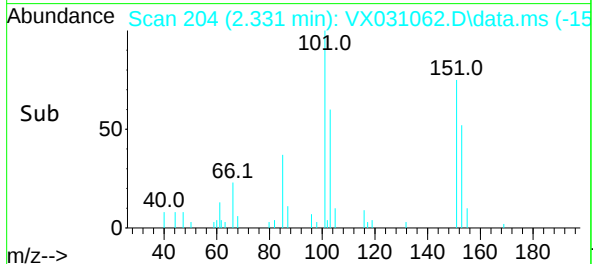
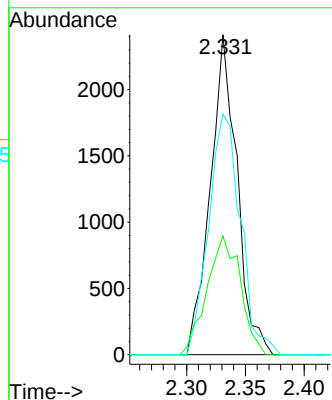
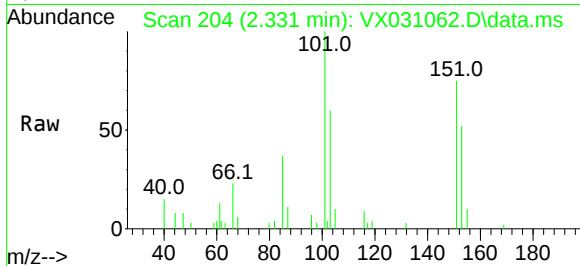




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.483 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX031062.D
 Acq: 02 Sep 2022 13:18

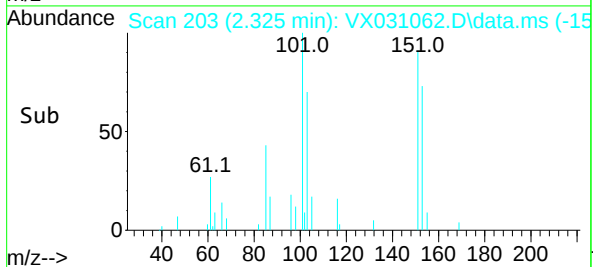
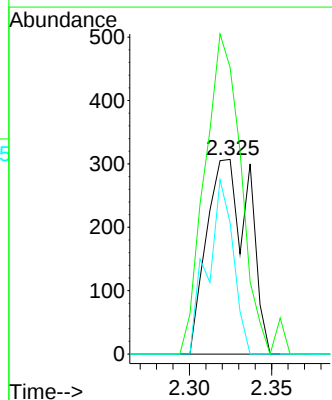
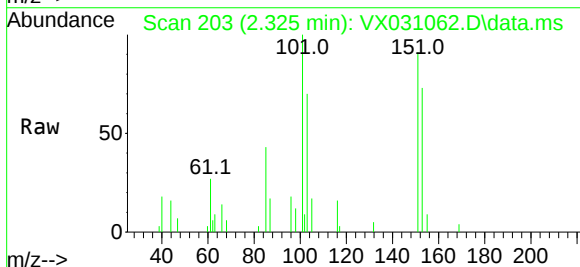
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

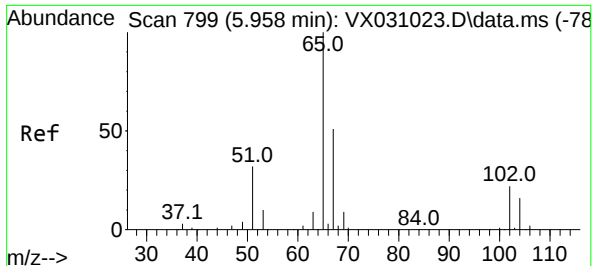
Tgt Ion: 101 Resp: 3827
 Ion Ratio Lower Upper
 101 100
 85 46.4 34.0 51.0
 151 89.8 59.4 89.0#



#12
 1,1-Dichloroethene
 Concen: 0.219 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX031062.D
 Acq: 02 Sep 2022 13:18

Tgt Ion: 96 Resp: 547
 Ion Ratio Lower Upper
 96 100
 61 147.2 117.4 176.0
 98 67.4 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 47.944 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031062.D

Acq: 02 Sep 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

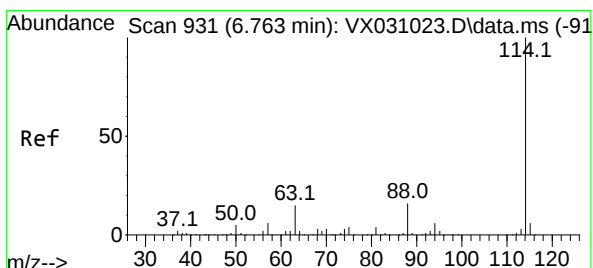
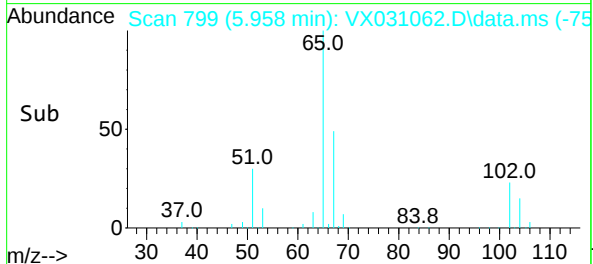
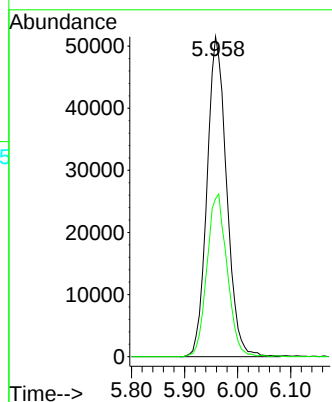
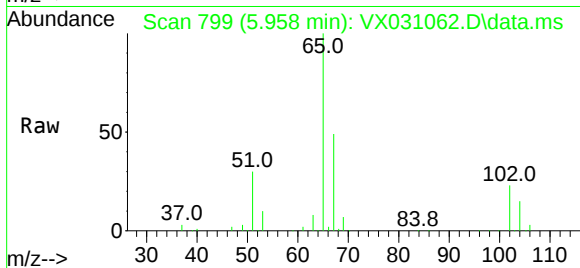
MDL05

Tgt Ion: 65 Resp: 132351

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031062.D

Acq: 02 Sep 2022 13:18

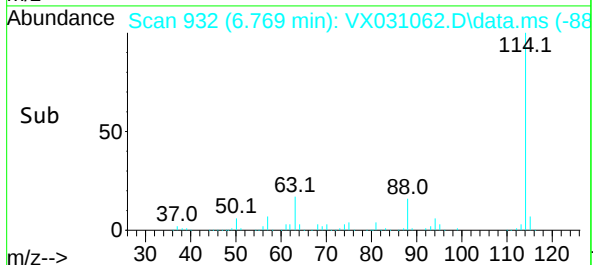
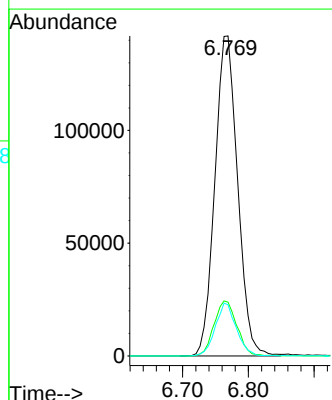
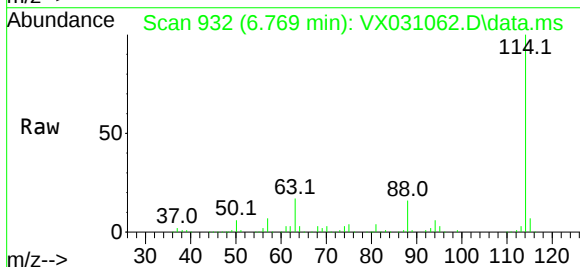
Tgt Ion: 114 Resp: 341951

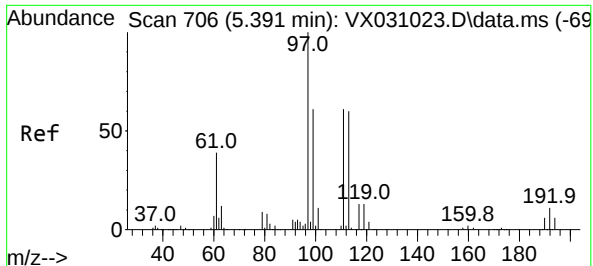
Ion Ratio Lower Upper

114 100

63 16.8 0.0 38.4

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.825 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031062.D

Acq: 02 Sep 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL05

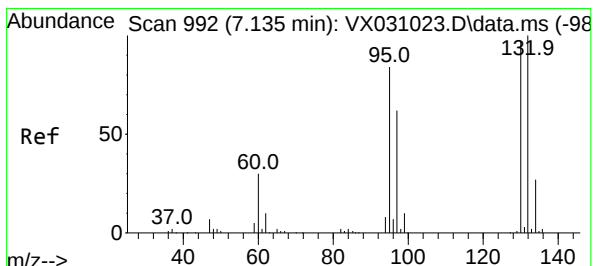
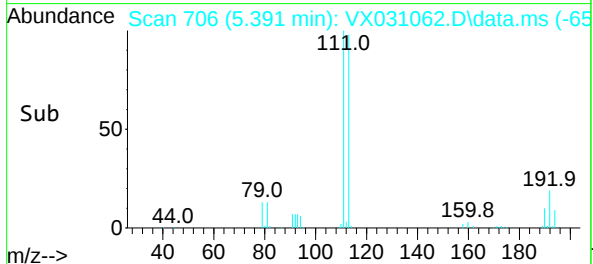
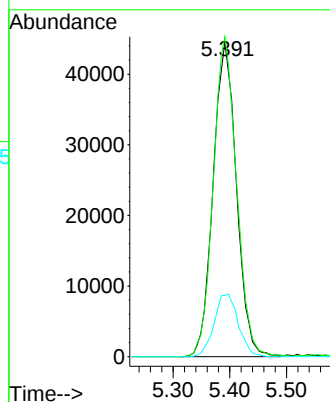
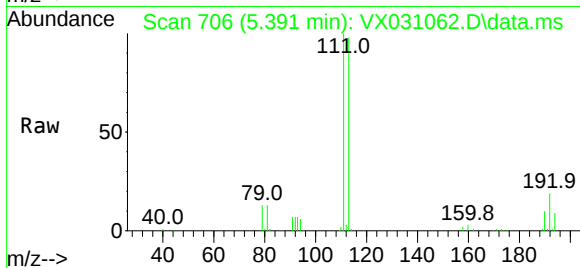
Tgt Ion:113 Resp: 126830

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 20.6 14.8 22.2



#44

Trichloroethene

Concen: 42.215 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031062.D

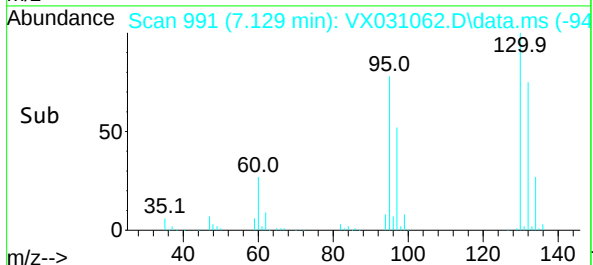
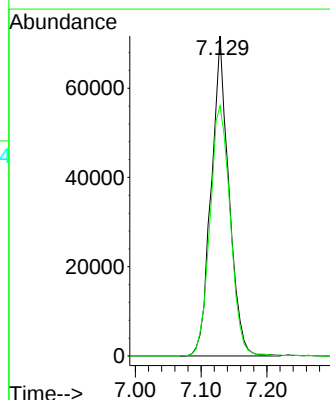
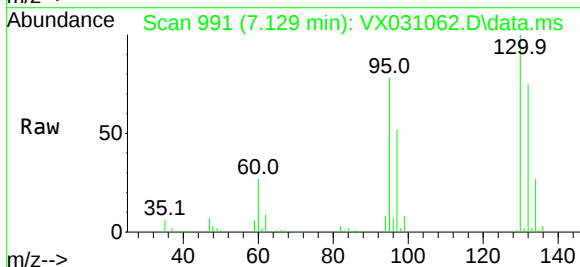
Acq: 02 Sep 2022 13:18

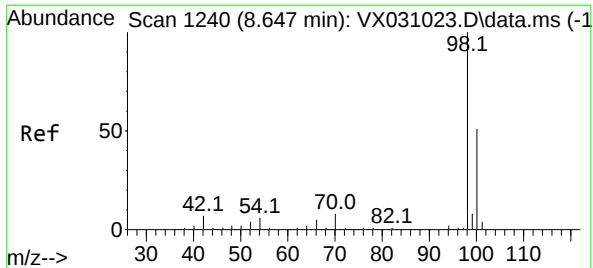
Tgt Ion:130 Resp: 134089

Ion Ratio Lower Upper

130 100

95 78.2 0.0 194.8

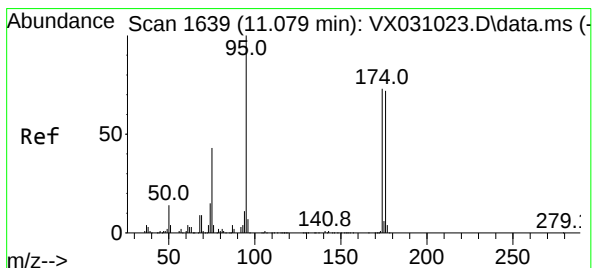
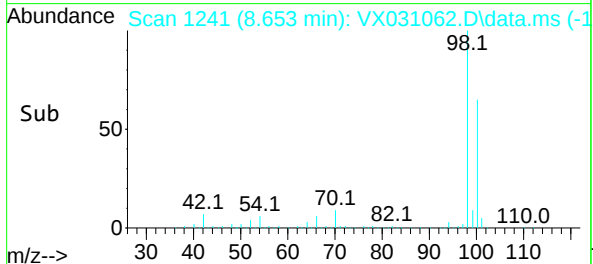
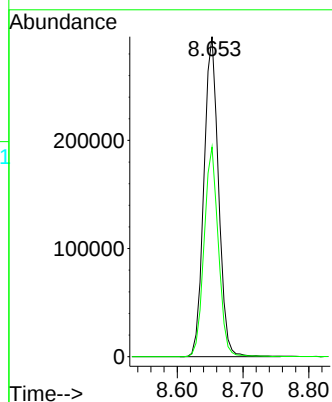
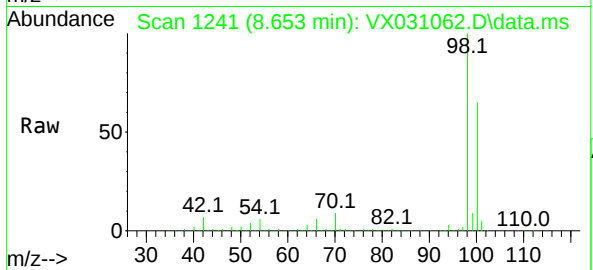




#50
Toluene-d8
Concen: 49.764 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031062.D
Acq: 02 Sep 2022 13:18

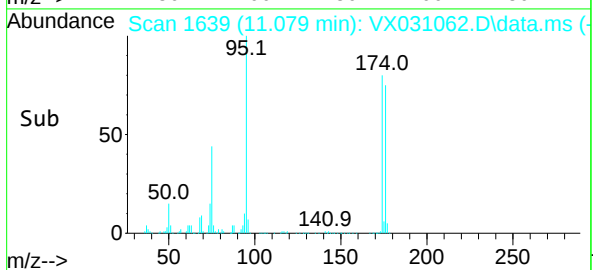
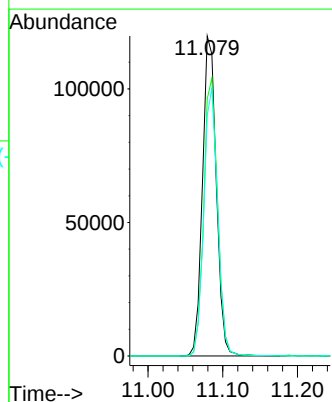
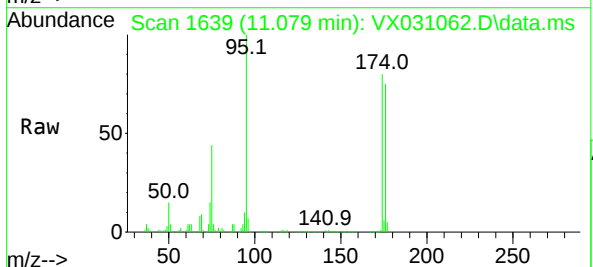
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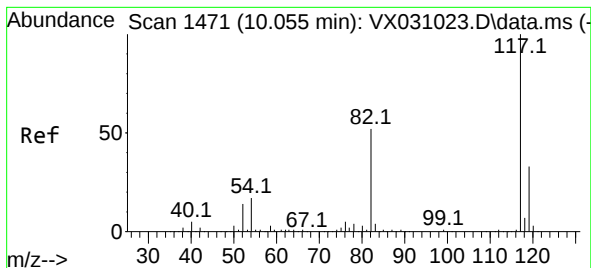
Tgt Ion: 98 Resp: 457043
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031062.D
Acq: 02 Sep 2022 13:18

Tgt Ion: 95 Resp: 153708
Ion Ratio Lower Upper
95 100
174 87.4 0.0 149.0
176 84.2 0.0 146.0

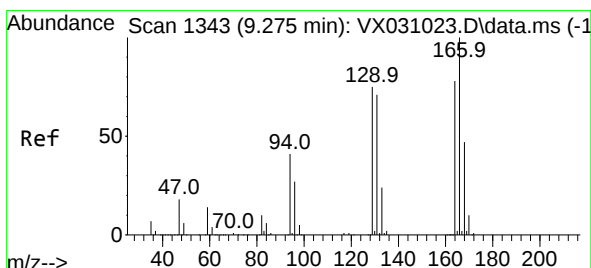
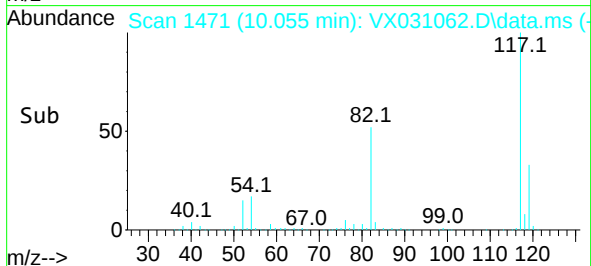
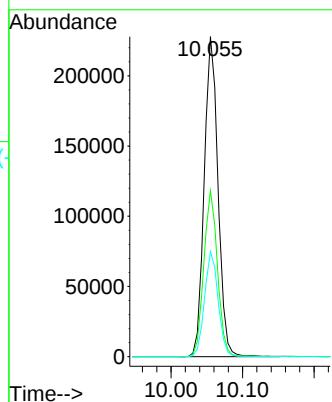
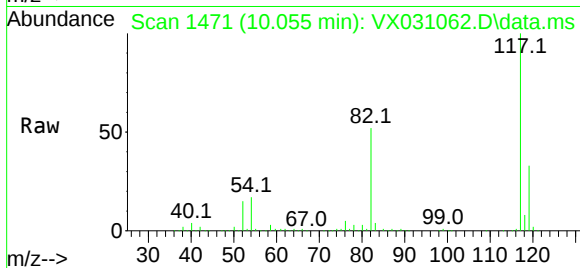




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031062.D
Acq: 02 Sep 2022 13:18

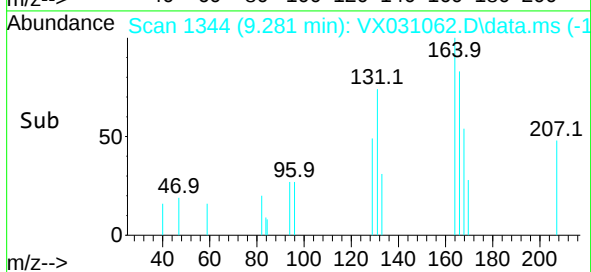
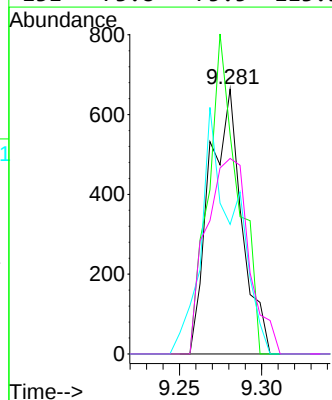
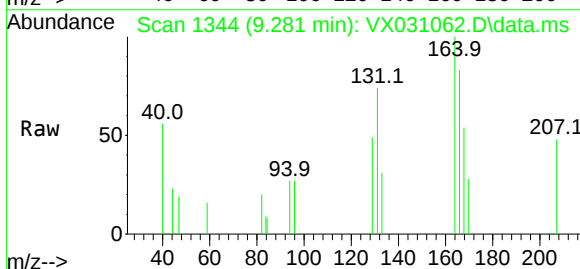
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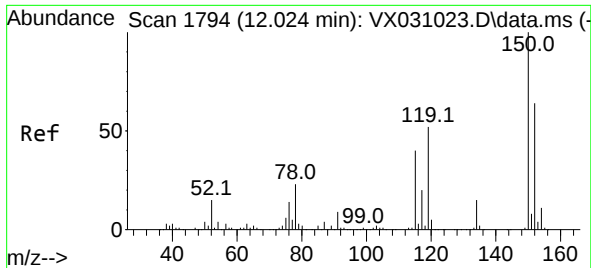
Tgt Ion:117 Resp: 305411
Ion Ratio Lower Upper
117 100
82 51.9 42.7 64.1
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.298 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX031062.D
Acq: 02 Sep 2022 13:18

Tgt Ion:164 Resp: 910
Ion Ratio Lower Upper
164 100
166 82.8 98.2 147.4#
129 48.9 80.8 121.2#
131 73.8 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: VX031062.D

Acq: 02 Sep 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion:152 Resp: 137092

Ion Ratio Lower Upper

152 100

115 56.7 40.5 121.5

150 156.2 0.0 347.0

