

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031069.D
 Acq On : 02 Sep 2022 16:02
 Operator : JC/MD
 Sample : N4297-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20220821

Quant Time: Sep 03 00:50:22 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)

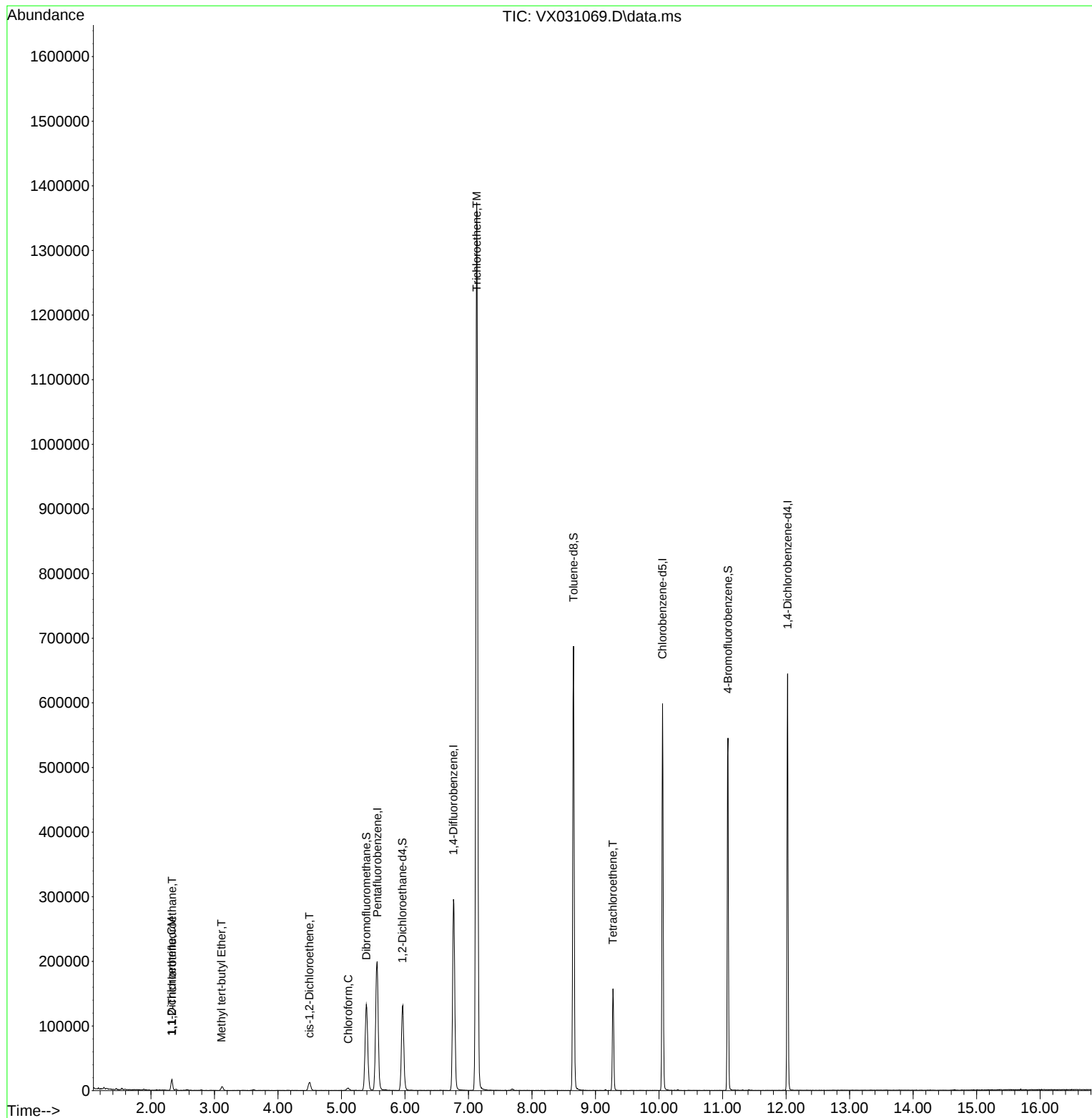
Internal Standards						
1) Pentafluorobenzene	5.562	168	204160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	330541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126943	48.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.640%		
35) Dibromofluoromethane	5.391	113	121948	50.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.120%		
50) Toluene-d8	8.653	98	436664	49.187	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.380%		
62) 4-Bromofluorobenzene	11.085	95	150944	48.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.280%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	5213	2.123	ug/l	87
12) 1,1-Dichloroethene	2.325	96	1684	0.710	ug/l #	76
19) Methyl tert-butyl Ether	3.111	73	6927	0.948	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	8969	3.032	ug/l	83
30) Chloroform	5.105	83	4447	0.948	ug/l	94
44) Trichloroethene	7.129	130	564312	183.792	ug/l	100
64) Tetrachloroethene	9.275	164	34017	11.521	ug/l	94

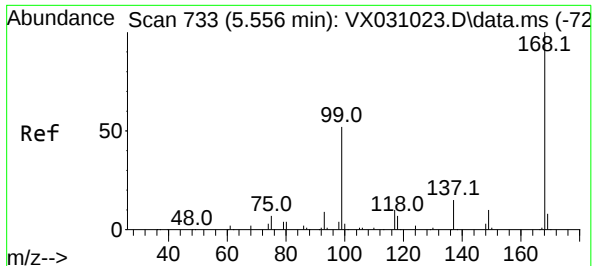
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 02:49:21 2022
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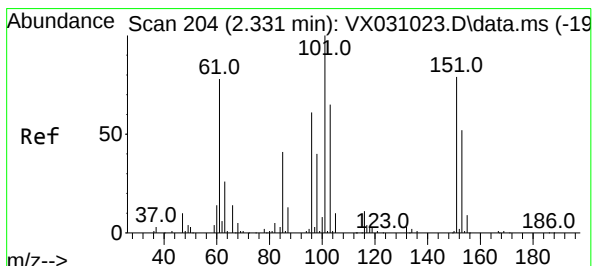
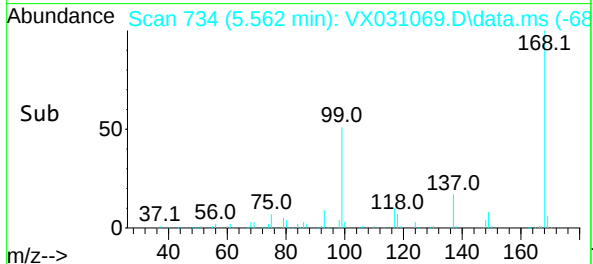
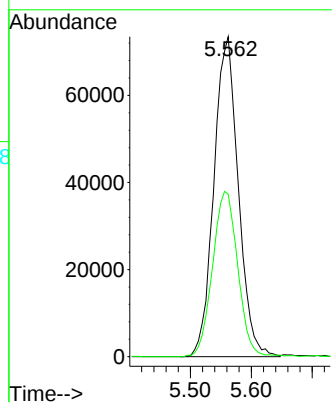
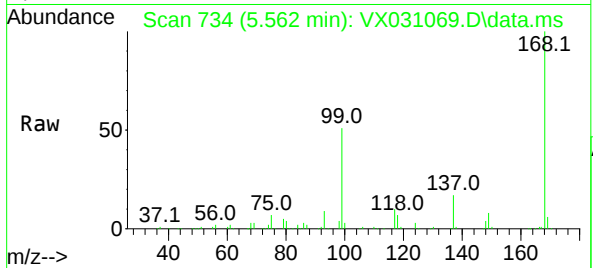




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031069.D
Acq: 02 Sep 2022 16:02

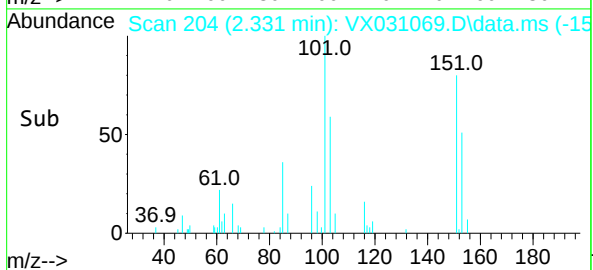
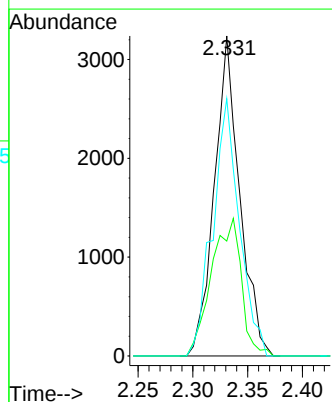
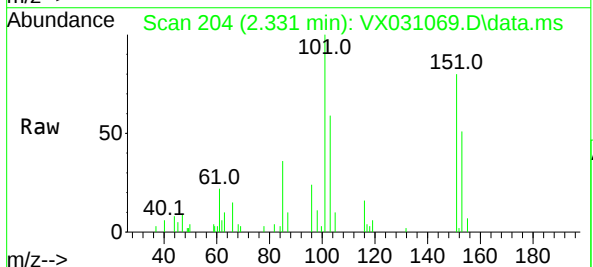
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220821

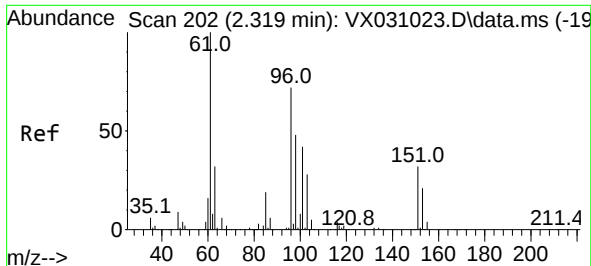
Tgt Ion:168 Resp: 204160
Ion Ratio Lower Upper
168 100
99 50.8 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.123 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031069.D
Acq: 02 Sep 2022 16:02

Tgt Ion:101 Resp: 5213
Ion Ratio Lower Upper
101 100
85 50.8 34.0 51.0
151 84.5 59.4 89.0

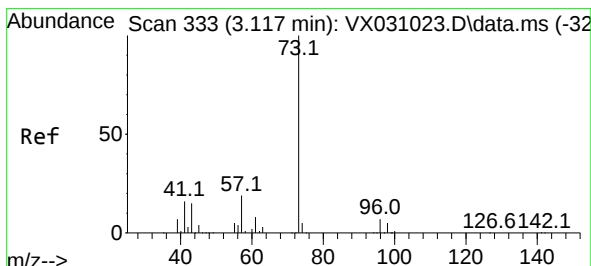
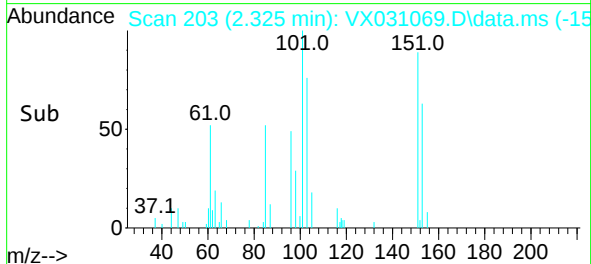
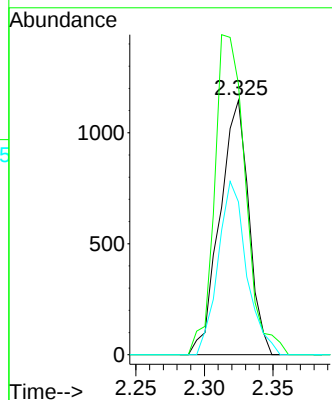
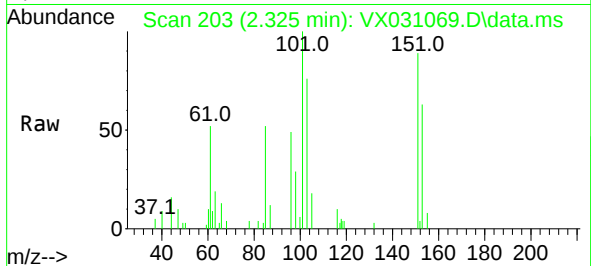




#12
 1,1-Dichloroethene
 Concen: 0.710 ug/l
 RT: 2.325 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX031069.D
 Acq: 02 Sep 2022 16:02

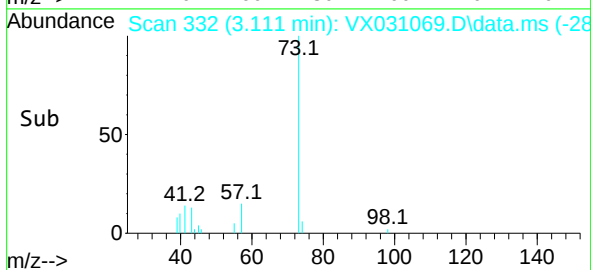
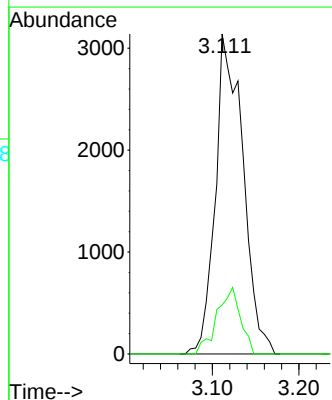
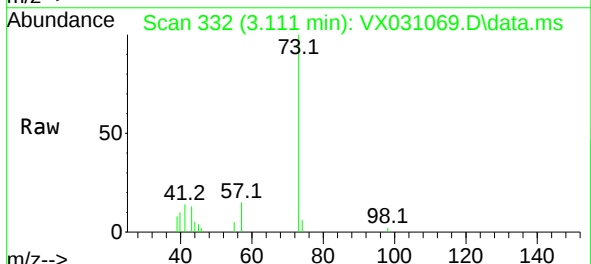
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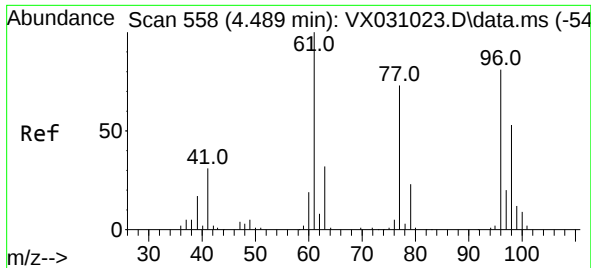
Tgt Ion: 96 Resp: 1684
 Ion Ratio Lower Upper
 96 100
 61 106.5 117.4 176.0#
 98 60.1 52.2 78.4



#19
 Methyl tert-butyl Ether
 Concen: 0.948 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VX031069.D
 Acq: 02 Sep 2022 16:02

Tgt Ion: 73 Resp: 6927
 Ion Ratio Lower Upper
 73 100
 57 15.3 19.0 28.6#

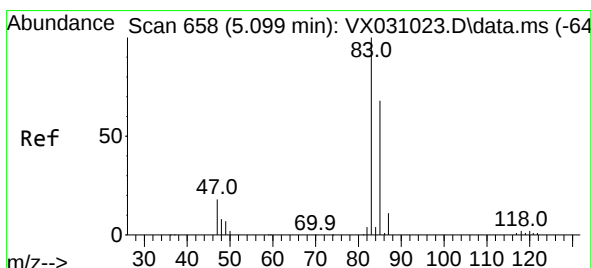
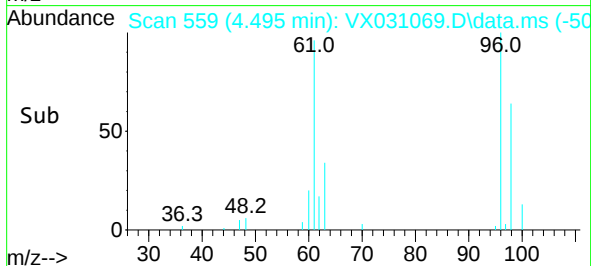
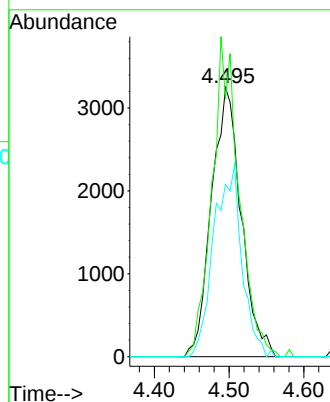
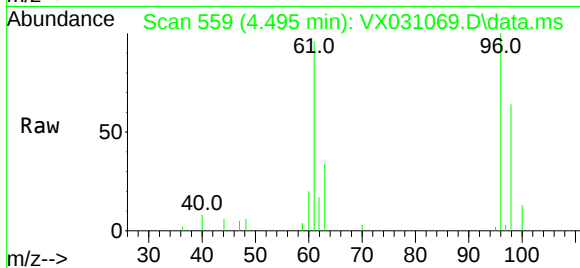




#27
 cis-1,2-Dichloroethene
 Concen: 3.032 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX031069.D
 Acq: 02 Sep 2022 16:02

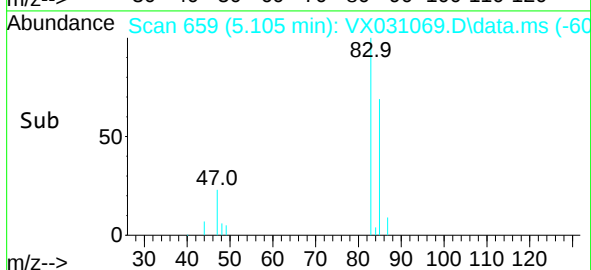
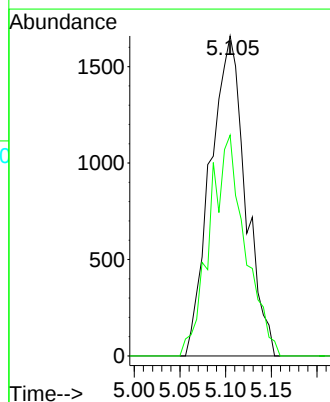
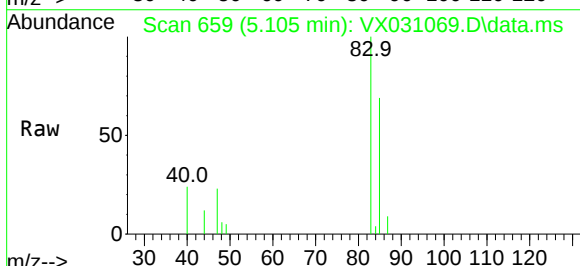
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20220821

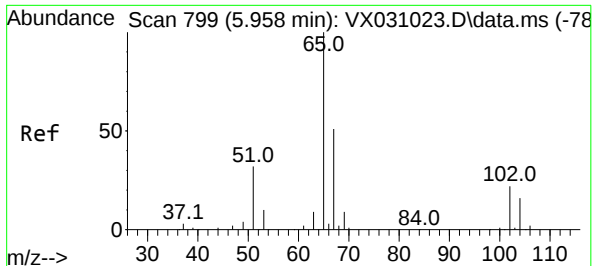
Tgt Ion: 96	Resp:	8969
Ion	Ratio	Lower Upper
96	100	
61	107.8	0.0 270.0
98	67.3	0.0 127.8



#30
 Chloroform
 Concen: 0.948 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.006 min
 Lab File: VX031069.D
 Acq: 02 Sep 2022 16:02

Tgt Ion: 83	Resp:	4447
Ion	Ratio	Lower Upper
83	100	
85	69.0	51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 48.324 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031069.D

Acq: 02 Sep 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

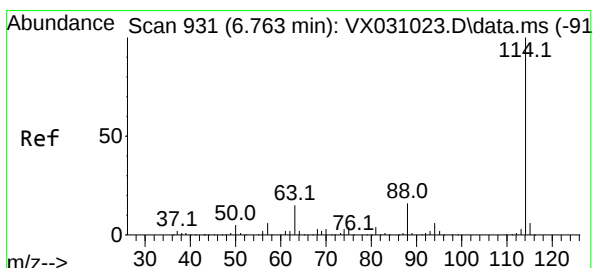
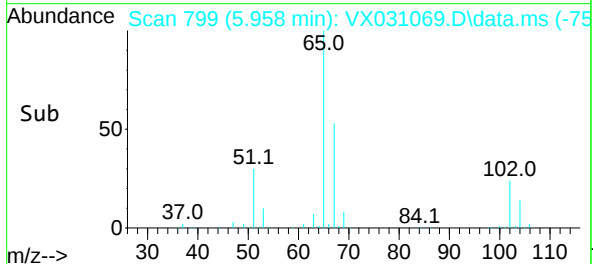
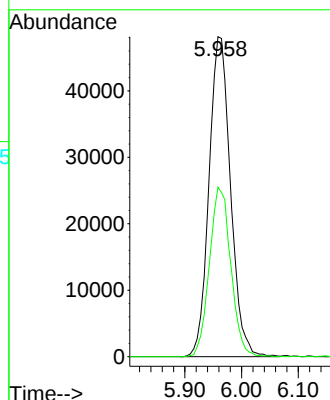
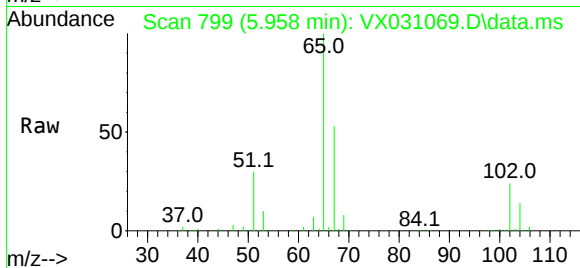
RE131D1-20220821

Tgt Ion: 65 Resp: 126943

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031069.D

Acq: 02 Sep 2022 16:02

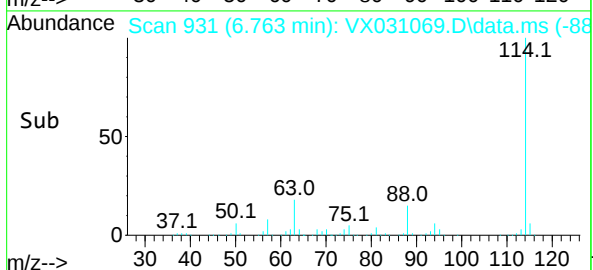
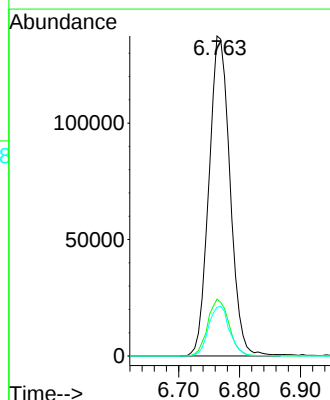
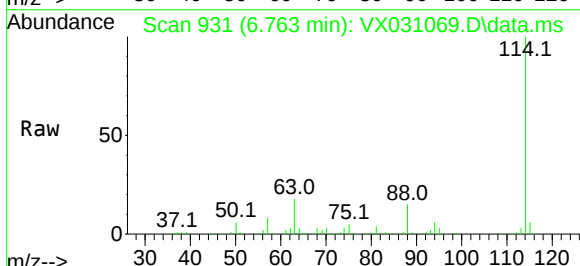
Tgt Ion: 114 Resp: 330541

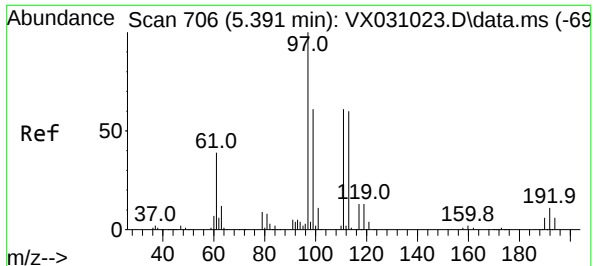
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.555 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031069.D

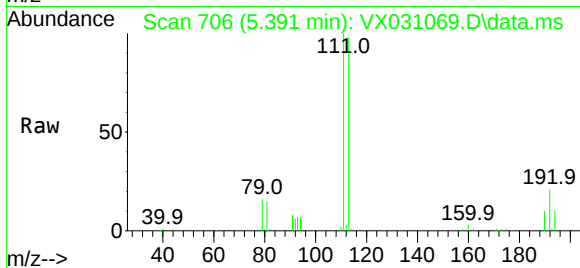
Acq: 02 Sep 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20220821



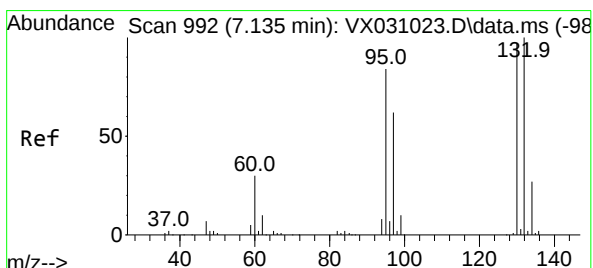
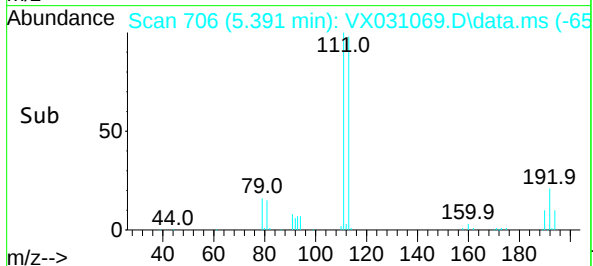
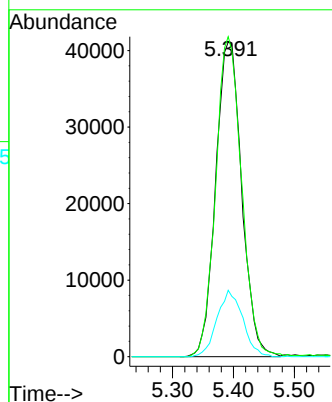
Tgt Ion:113 Resp: 121948

Ion Ratio Lower Upper

113 100

111 101.0 83.2 124.8

192 20.8 14.8 22.2



#44

Trichloroethene

Concen: 183.792 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031069.D

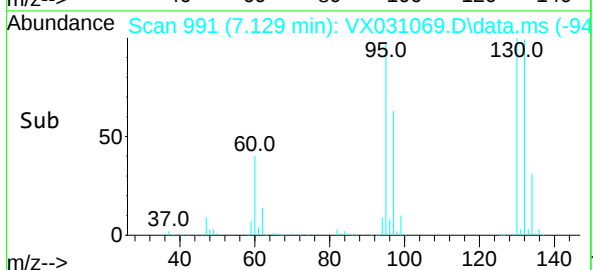
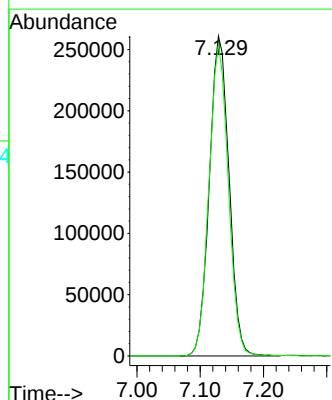
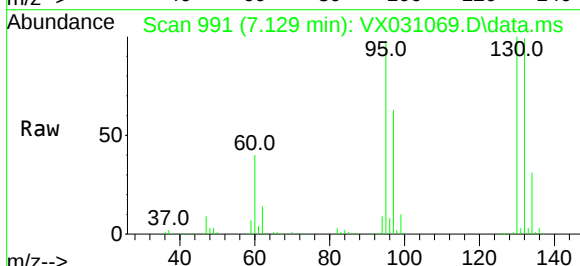
Acq: 02 Sep 2022 16:02

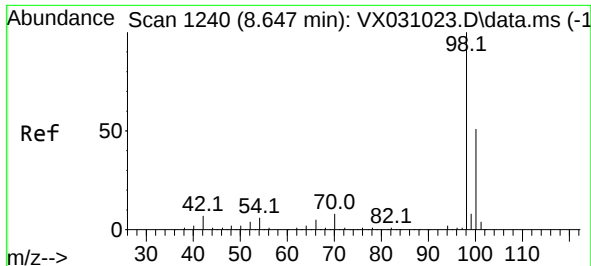
Tgt Ion:130 Resp: 564312

Ion Ratio Lower Upper

130 100

95 97.3 0.0 194.8

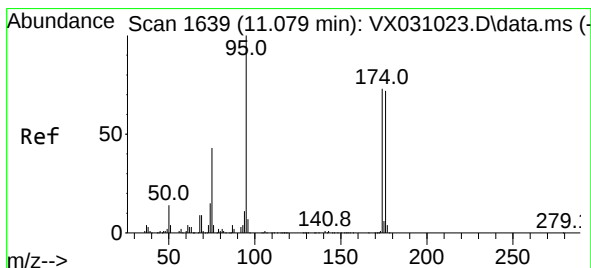
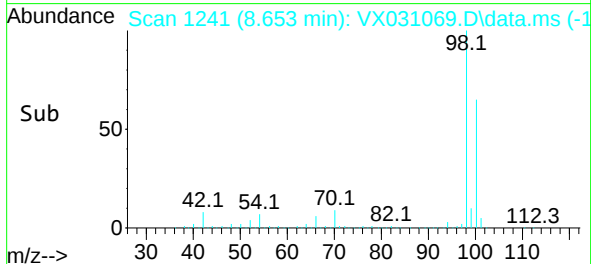
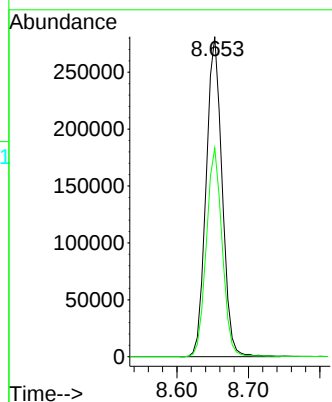
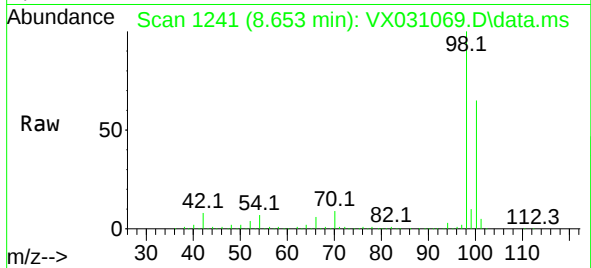




#50
Toluene-d8
Concen: 49.187 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031069.D
Acq: 02 Sep 2022 16:02

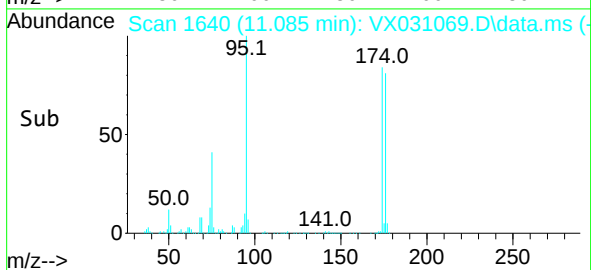
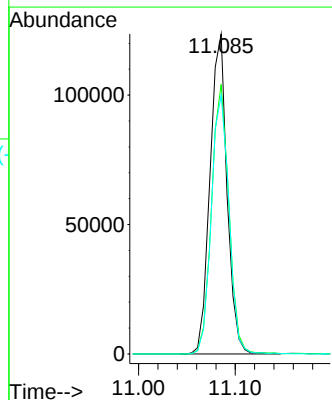
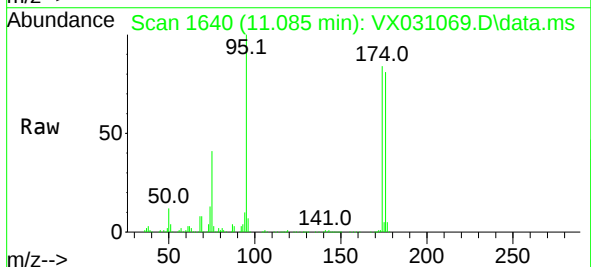
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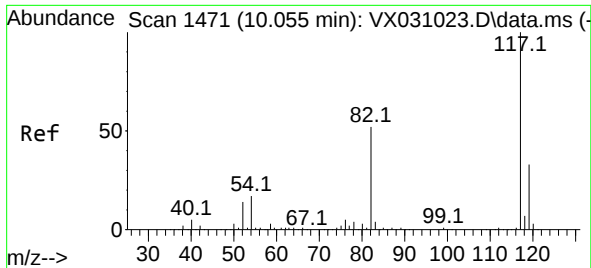
Tgt Ion: 98 Resp: 436664
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.139 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031069.D
Acq: 02 Sep 2022 16:02

Tgt Ion: 95 Resp: 150944
Ion Ratio Lower Upper
95 100
174 85.7 0.0 149.0
176 83.9 0.0 146.0

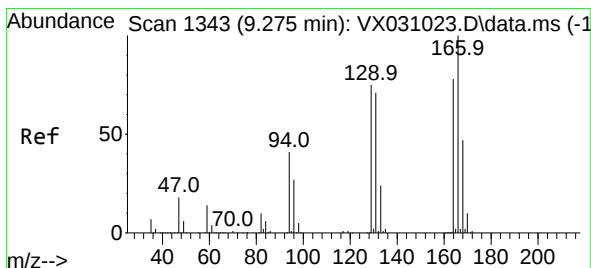
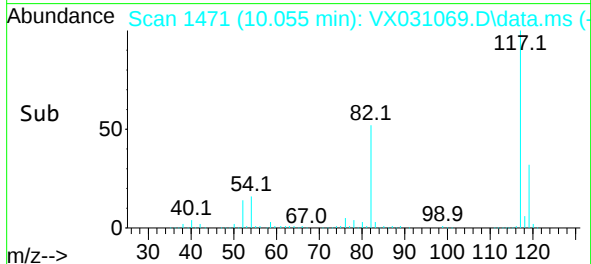
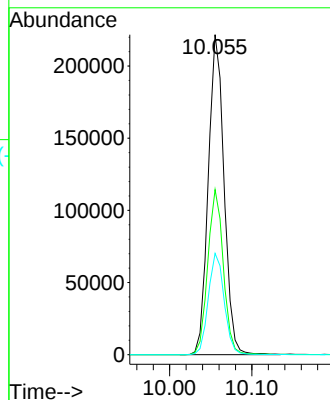
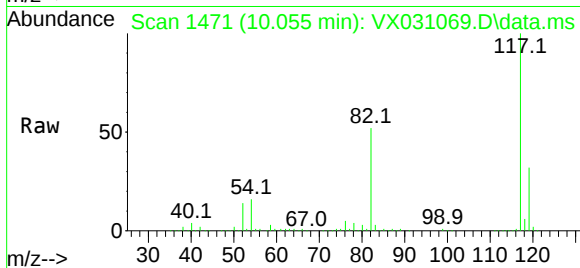




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031069.D
Acq: 02 Sep 2022 16:02

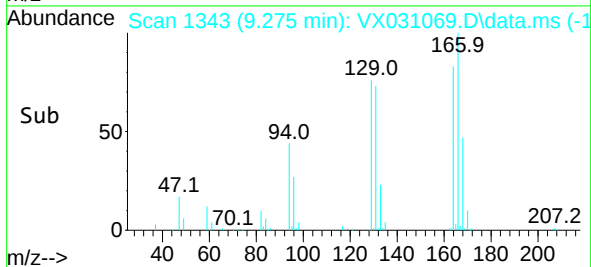
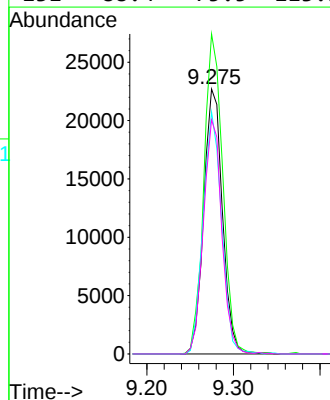
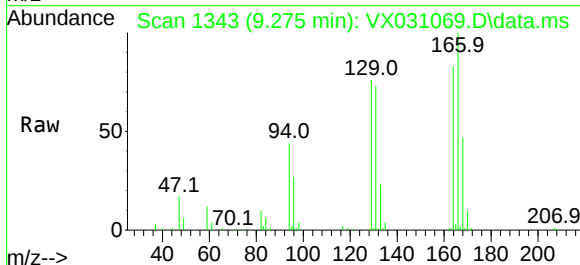
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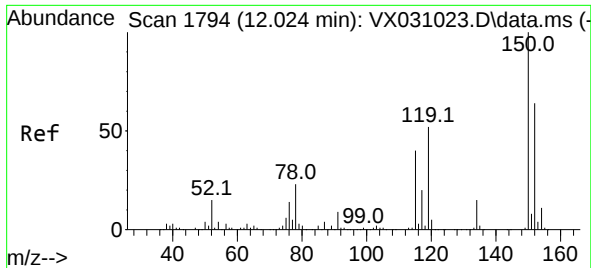
Tgt Ion:117 Resp: 295708
Ion Ratio Lower Upper
117 100
82 51.6 42.7 64.1
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 11.521 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031069.D
Acq: 02 Sep 2022 16:02

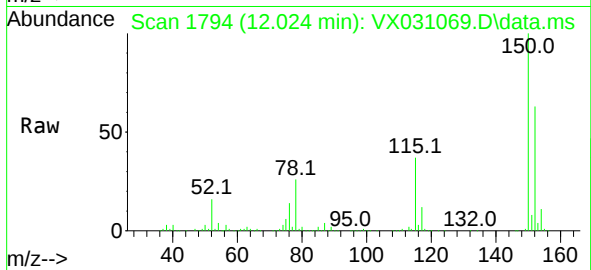
Tgt Ion:164 Resp: 34017
Ion Ratio Lower Upper
164 100
166 120.7 98.2 147.4
129 91.3 80.8 121.2
131 88.4 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031069.D
 Acq: 02 Sep 2022 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20220821



Tgt Ion:152 Resp: 140627
 Ion Ratio Lower Upper
 152 100
 115 57.1 40.5 121.5
 150 159.8 0.0 347.0

