

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030853.D
 Acq On : 27 Aug 2022 07:26
 Operator : JC/MD
 Sample : N4281-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20220818

Quant Time: Aug 27 22:21:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

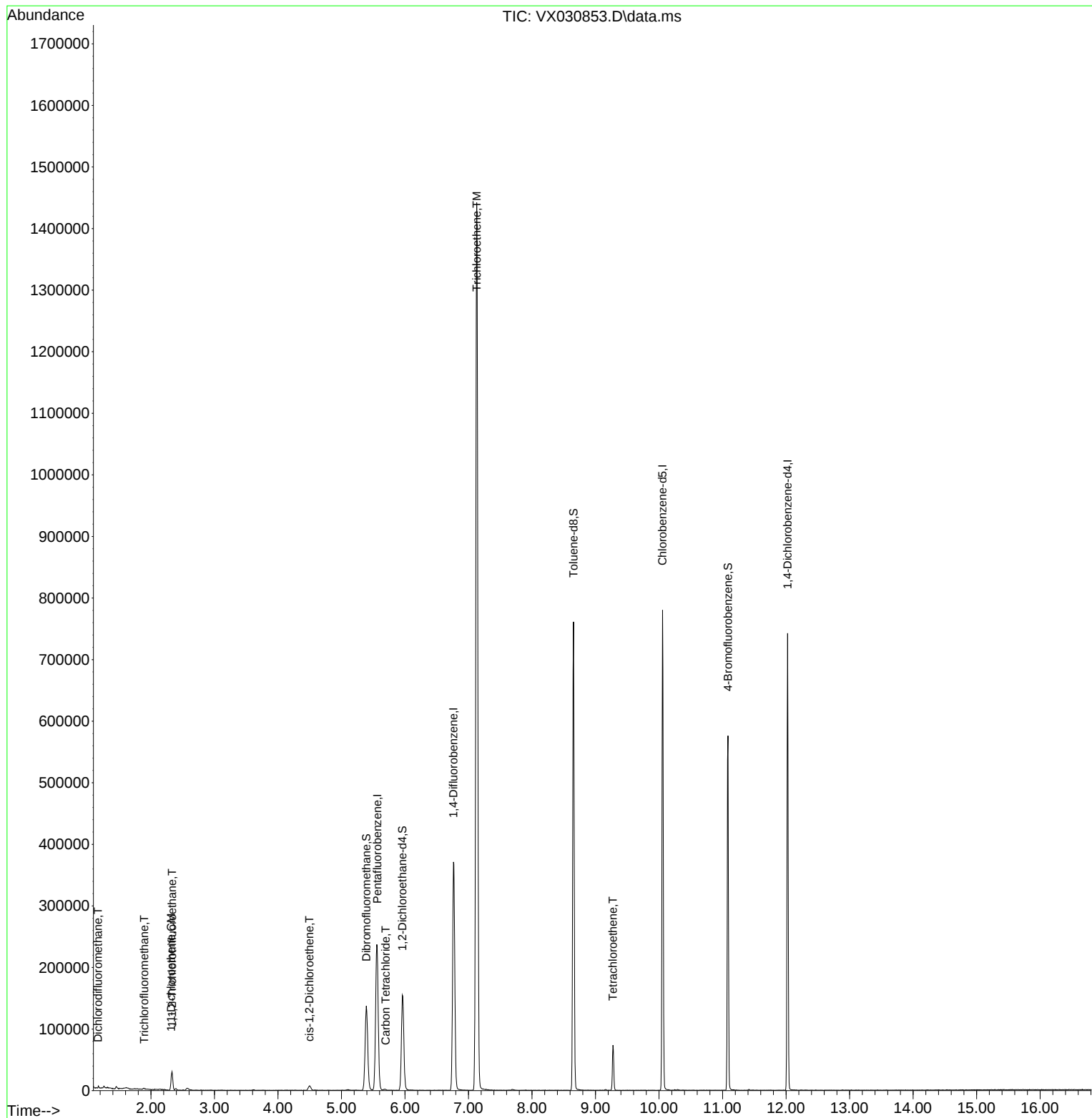
Internal Standards						
1) Pentafluorobenzene	5.562	168	221889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	382397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149649	57.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.680%
35) Dibromofluoromethane	5.391	113	120525	51.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.560%
50) Toluene-d8	8.653	98	457083	55.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.620%
62) 4-Bromofluorobenzene	11.085	95	152123	49.894	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.780%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	809	0.393	ug/l	75
7) Trichlorofluoromethane	1.892	101	1008	0.297	ug/l #	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	10669	4.937	ug/l	97
12) 1,1-Dichloroethene	2.318	96	2042	1.015	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	5165	1.935	ug/l	90
38) Carbon Tetrachloride	5.696	117	1223	0.362	ug/l #	80
44) Trichloroethene	7.129	130	561402	202.952	ug/l	95
64) Tetrachloroethene	9.274	164	13571	4.955	ug/l	87

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

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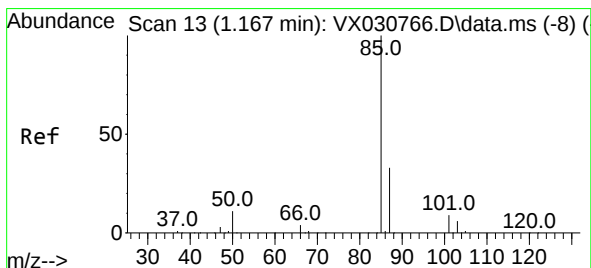
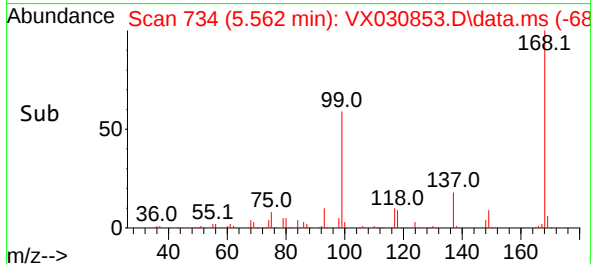
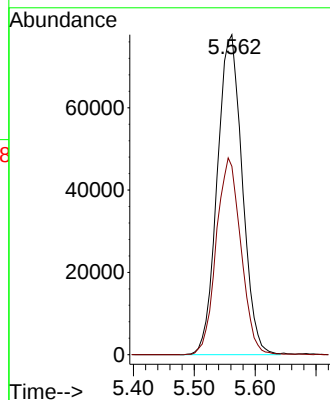
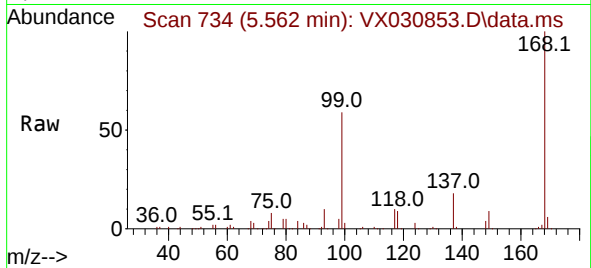




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030853.D
Acq: 27 Aug 2022 07:26

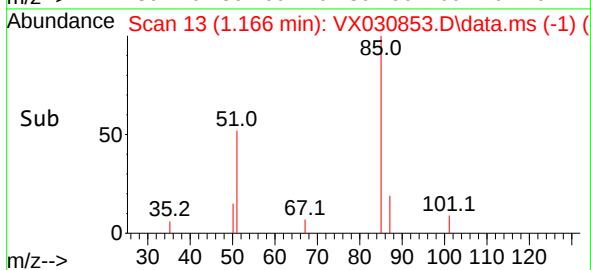
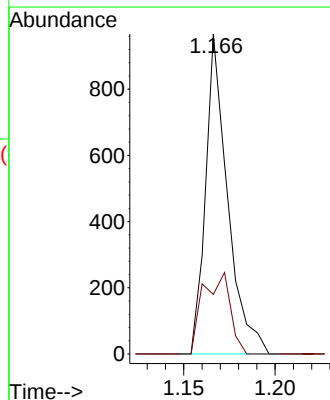
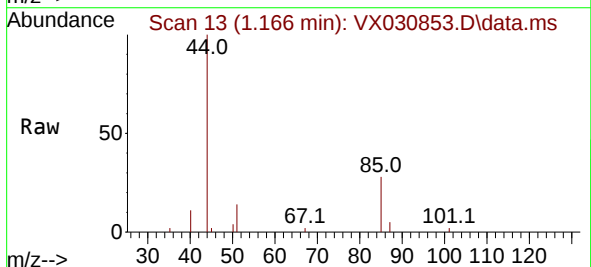
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818

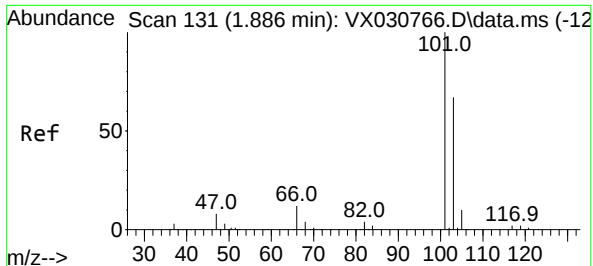
Tgt Ion:168 Resp: 221889
Ion Ratio Lower Upper
168 100
99 58.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.393 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030853.D
Acq: 27 Aug 2022 07:26

Tgt Ion: 85 Resp: 809
Ion Ratio Lower Upper
85 100
87 18.6 16.5 49.5

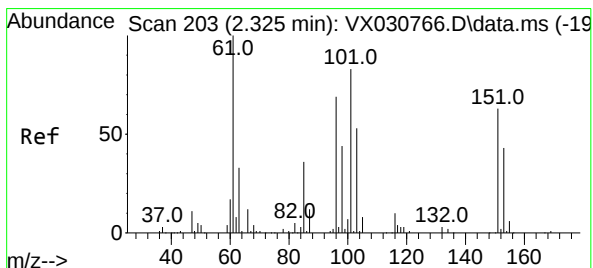
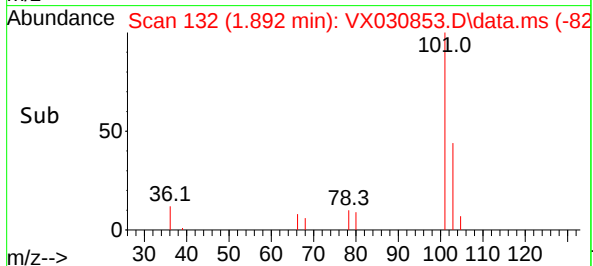
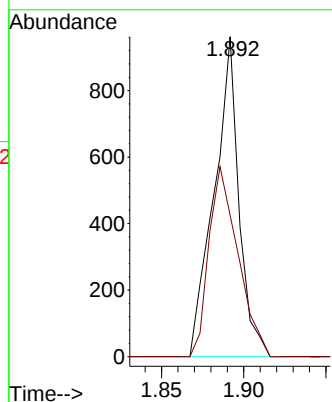
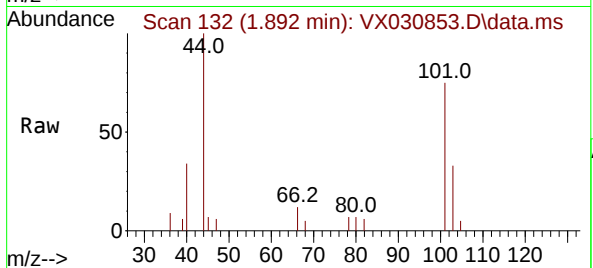




#7
 Trichlorofluoromethane
 Concen: 0.297 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030853.D
 Acq: 27 Aug 2022 07:26

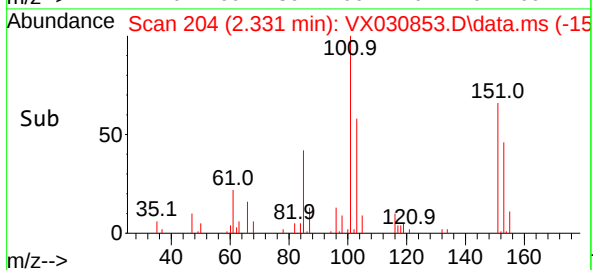
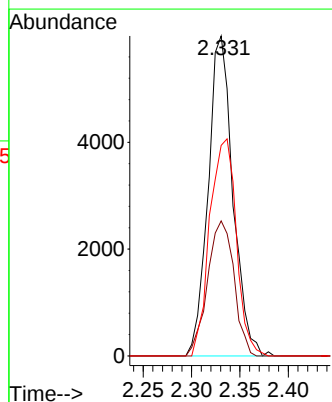
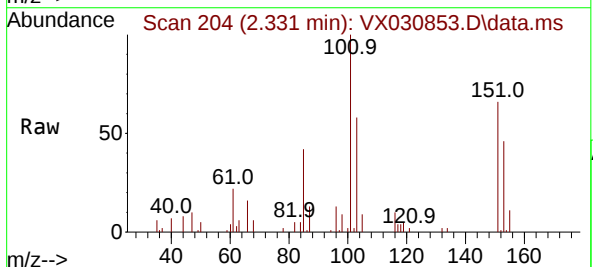
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20220818

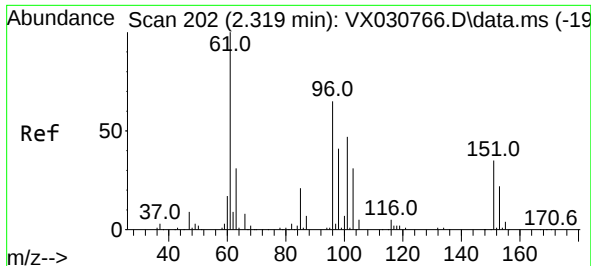
Tgt Ion:101 Resp: 1008
 Ion Ratio Lower Upper
 101 100
 103 44.2 49.7 74.5#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.937 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030853.D
 Acq: 27 Aug 2022 07:26

Tgt Ion:101 Resp: 10669
 Ion Ratio Lower Upper
 101 100
 85 44.9 34.0 51.0
 151 72.7 59.4 89.0





#12

1,1-Dichloroethene

Concen: 1.015 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030853.D

Acq: 27 Aug 2022 07:26

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20220818

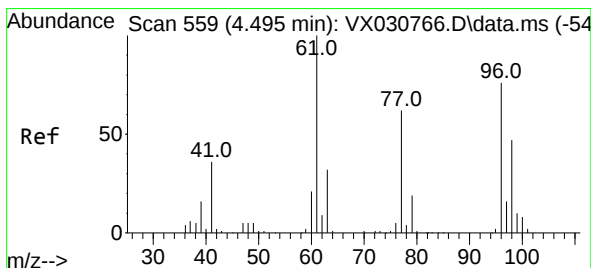
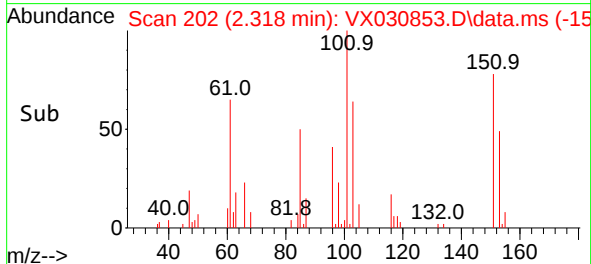
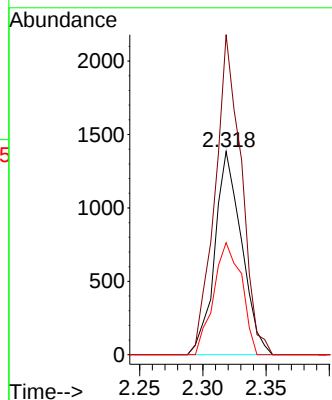
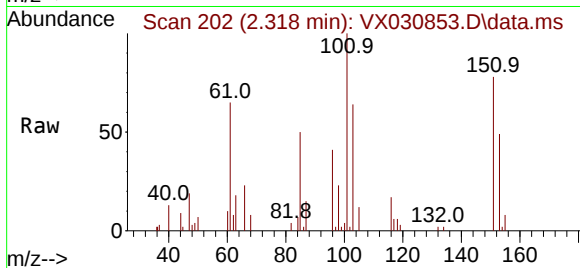
Tgt Ion: 96 Resp: 2042

Ion Ratio Lower Upper

96 100

61 157.4 117.4 176.0

98 55.1 52.2 78.4



#27

cis-1,2-Dichloroethene

Concen: 1.935 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030853.D

Acq: 27 Aug 2022 07:26

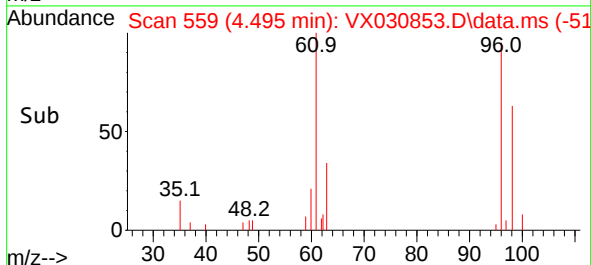
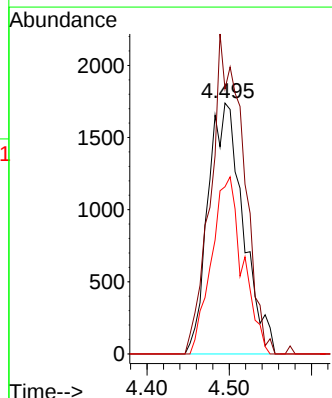
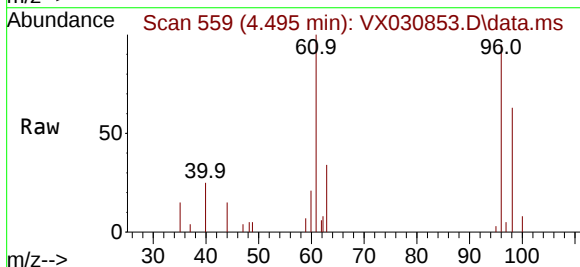
Tgt Ion: 96 Resp: 5165

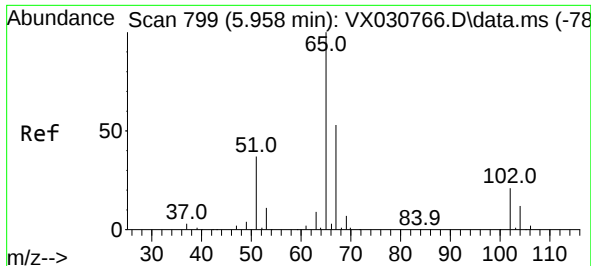
Ion Ratio Lower Upper

96 100

61 118.9 0.0 270.0

98 62.6 0.0 127.8

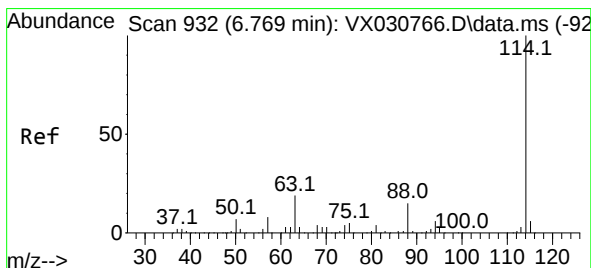
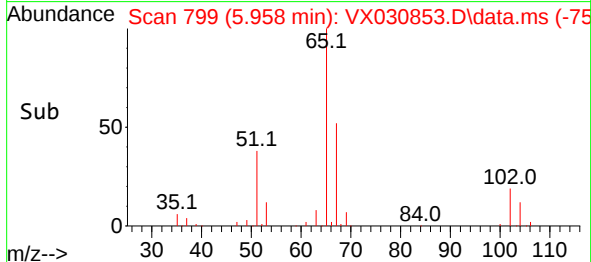
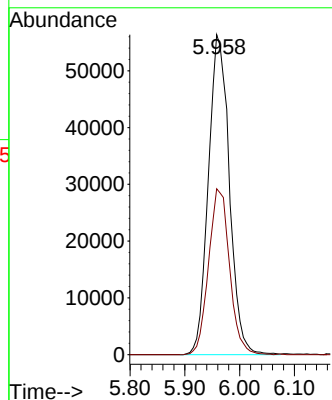
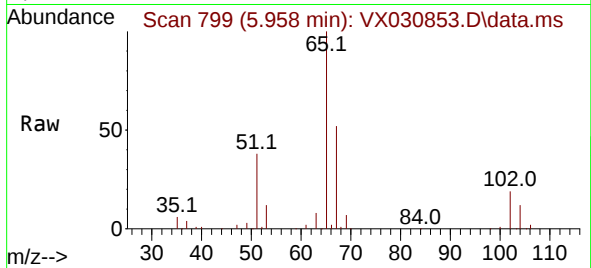




#33
 1,2-Dichloroethane-d4
 Concen: 57.337 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX030853.D
 Acq: 27 Aug 2022 07:26

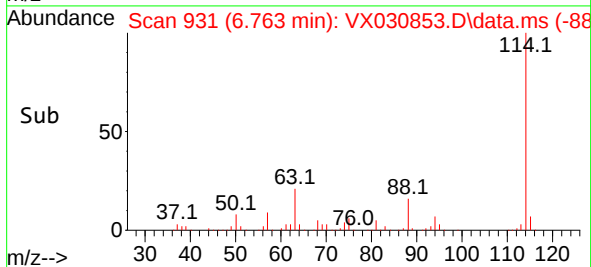
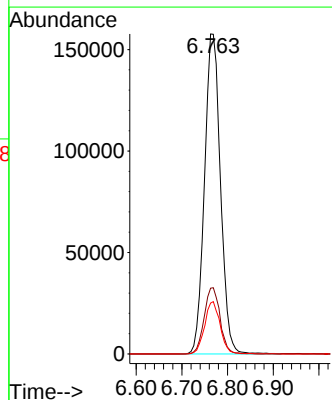
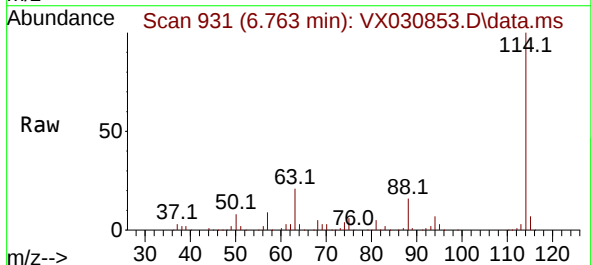
Instrument :
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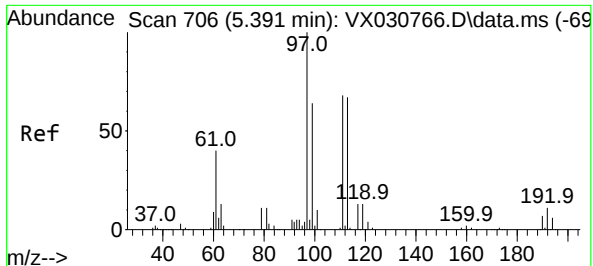
Tgt Ion: 65 Resp: 149649
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX030853.D
 Acq: 27 Aug 2022 07:26

Tgt Ion: 114 Resp: 382397
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.4
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.284 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030853.D

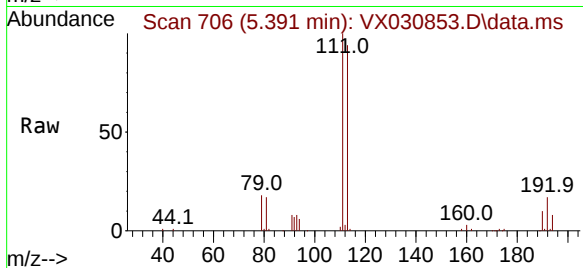
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Instrument :

MSVOA_X

ClientSampleId :

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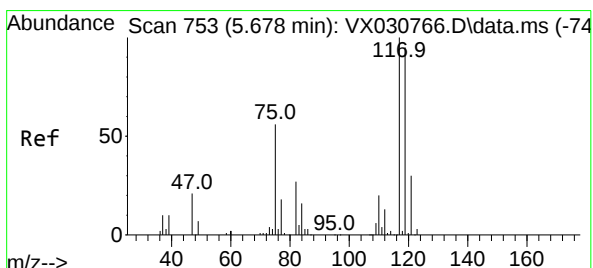
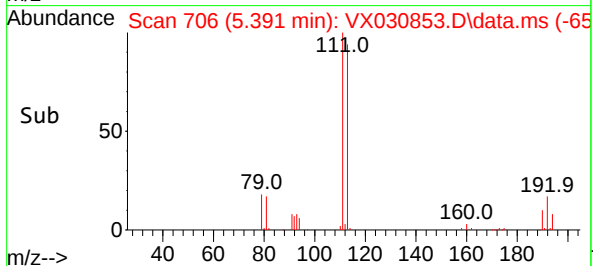
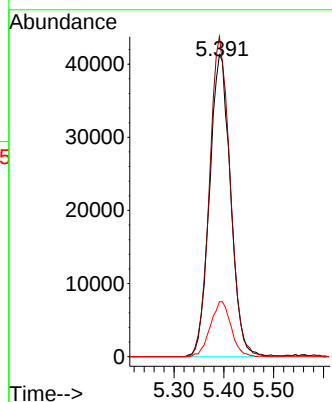
Tgt Ion:113 Resp: 120525

Ion Ratio Lower Upper

113 100

111 104.1 83.2 124.8

192 18.0 14.8 22.2



#38

Carbon Tetrachloride

Concen: 0.362 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.018 min

Lab File: VX030853.D

Acq: 27 Aug 2022 07:26

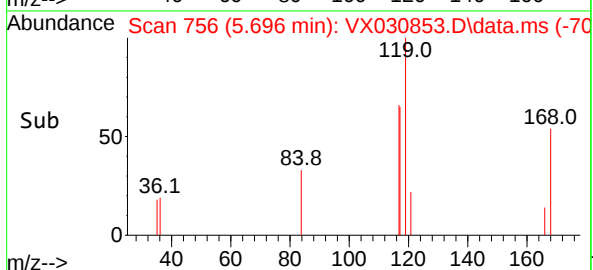
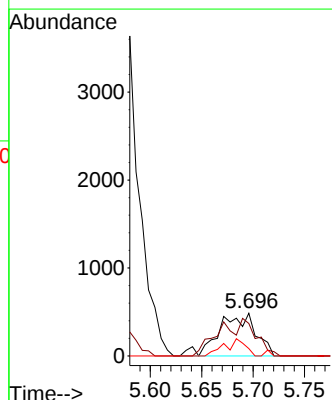
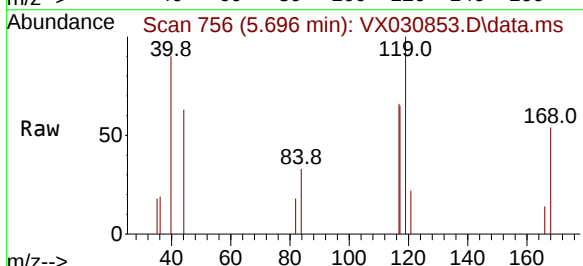
Tgt Ion:117 Resp: 1223

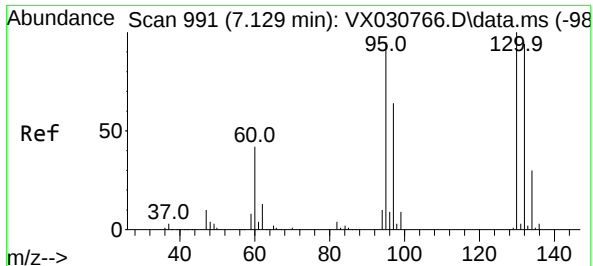
Ion Ratio Lower Upper

117 100

119 76.1 74.1 111.1

121 17.1 25.8 38.8#

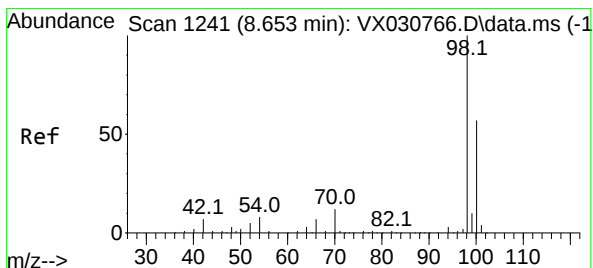
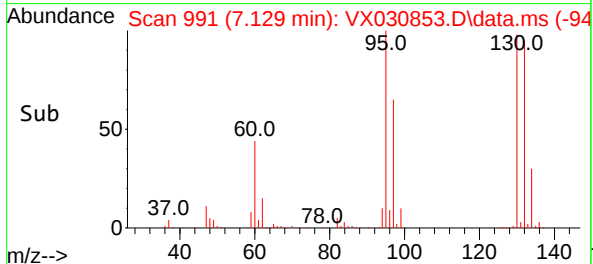
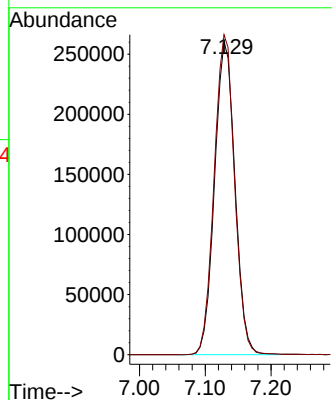
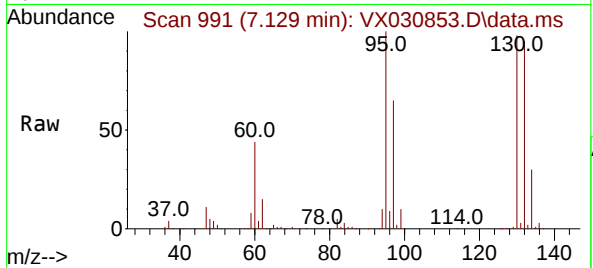




#44
 Trichloroethene
 Concen: 202.952 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030853.D
 Acq: 27 Aug 2022 07:26

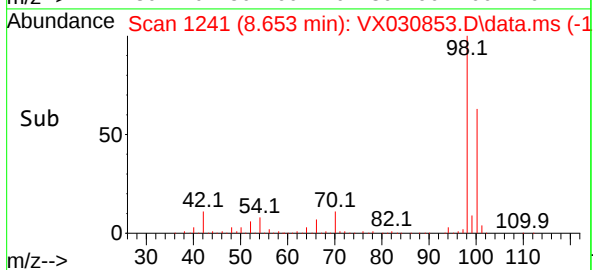
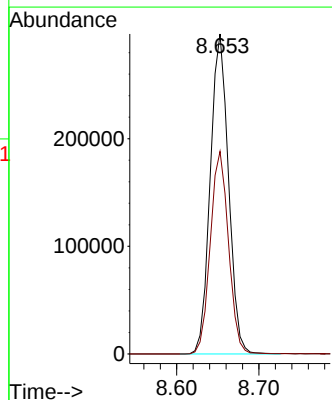
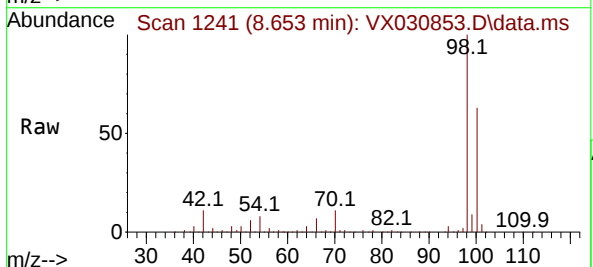
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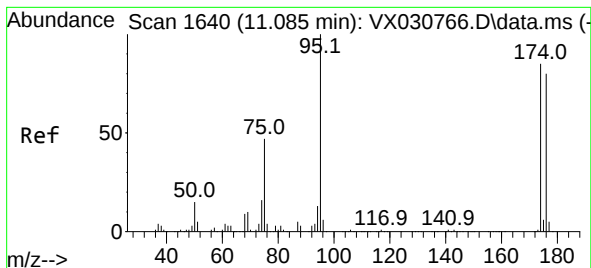
Tgt Ion:130 Resp: 561402
 Ion Ratio Lower Upper
 130 100
 95 102.2 0.0 194.8



#50
 Toluene-d8
 Concen: 55.813 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX030853.D
 Acq: 27 Aug 2022 07:26

Tgt Ion: 98 Resp: 457083
 Ion Ratio Lower Upper
 98 100
 100 63.4 52.3 78.5

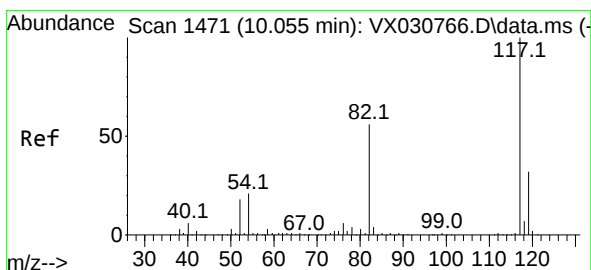
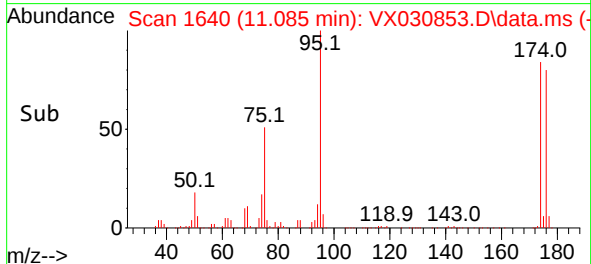
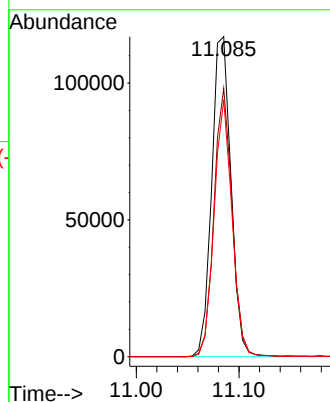
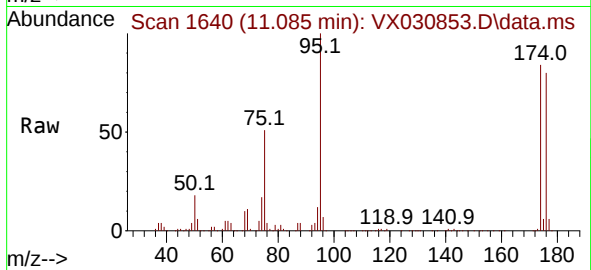




#62
4-Bromofluorobenzene
Concen: 49.894 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.000 min
Lab File: VX030853.D
Acq: 27 Aug 2022 07:26

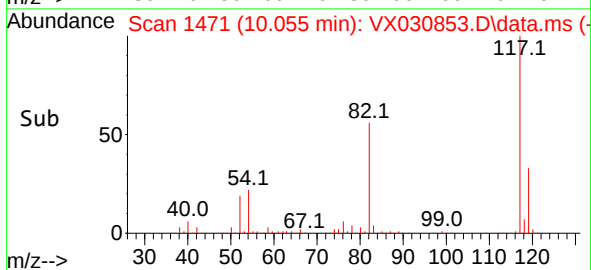
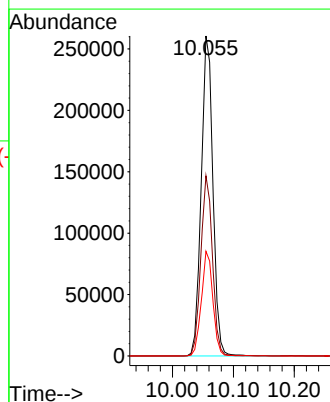
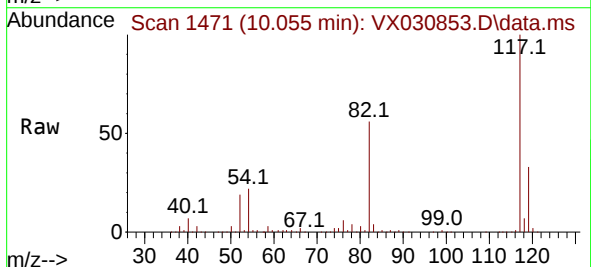
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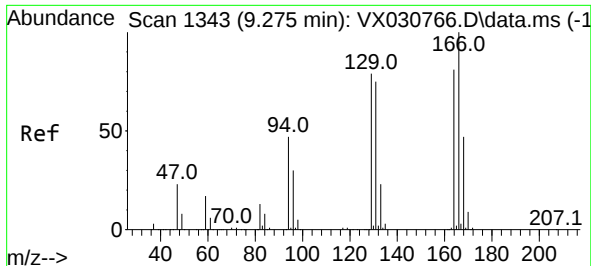
Tgt Ion: 95 Resp: 152123
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.0
176 74.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030853.D
Acq: 27 Aug 2022 07:26

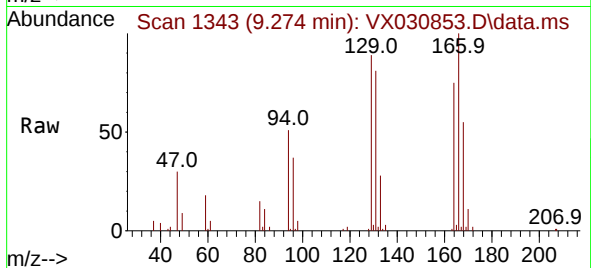
Tgt Ion: 117 Resp: 347682
Ion Ratio Lower Upper
117 100
82 56.3 42.7 64.1
119 32.7 25.4 38.2



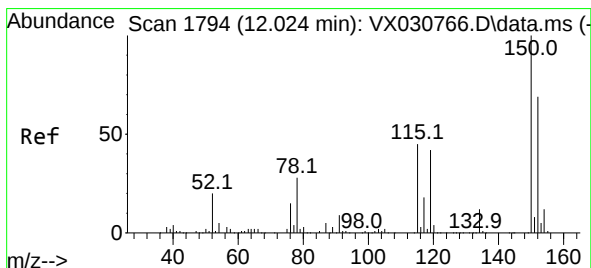
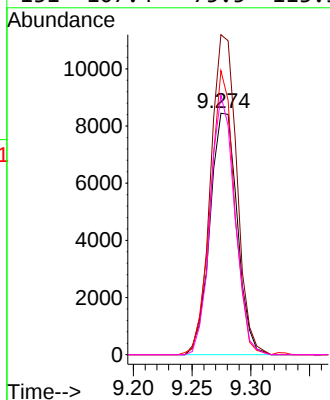
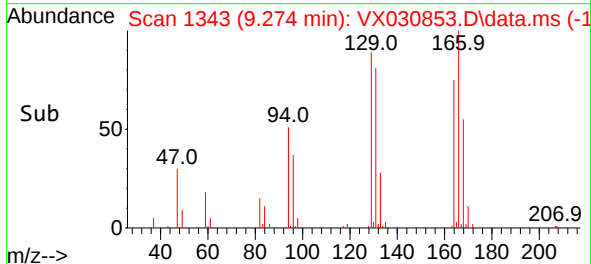


#64
Tetrachloroethene
Concen: 4.955 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX030853.D
Acq: 27 Aug 2022 07:26

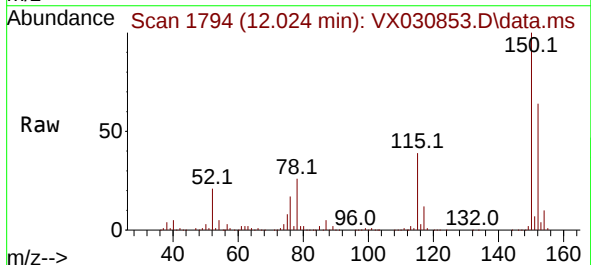
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818



Tgt Ion:164	Resp:	13571
Ion	Ratio	Lower Upper
164	100	
166	132.5	98.2 147.4
129	117.6	80.8 121.2
131	107.4	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: VX030853.D
Acq: 27 Aug 2022 07:26



Tgt Ion:152	Resp:	151087
Ion	Ratio	Lower Upper
152	100	
115	59.5	40.5 121.5
150	158.6	0.0 347.0

