

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030950.D
 Acq On : 30 Aug 2022 19:44
 Operator : JC/MD
 Sample : N4281-09DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20220818DL

Quant Time: Aug 31 03:15:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

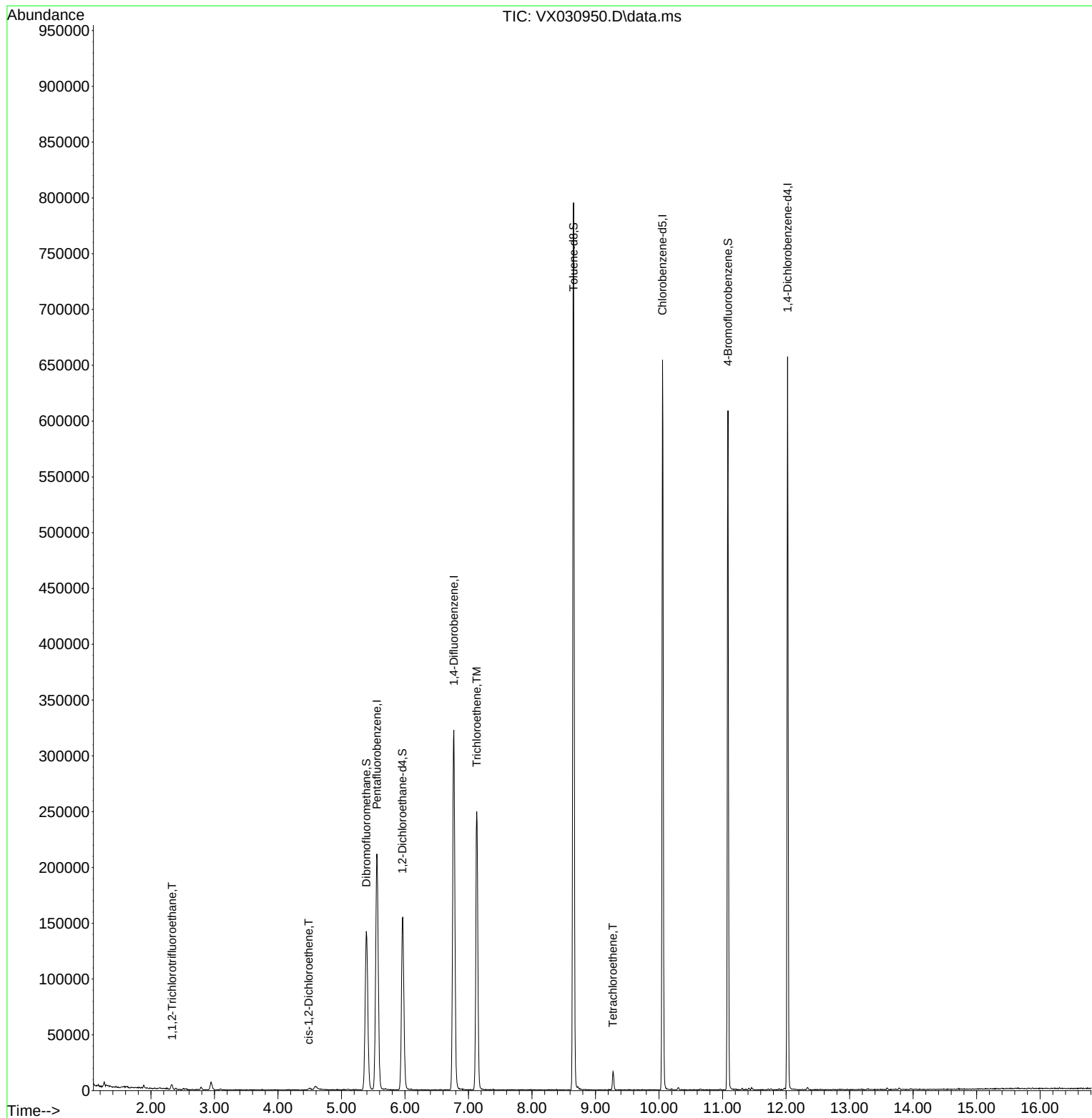
Internal Standards						
1) Pentafluorobenzene	5.556	168	204760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	345883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147798	50.325	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.660%	
35) Dibromofluoromethane	5.391	113	129375	50.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	8.653	98	497486	52.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	11.085	95	161021	47.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.780%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1968	0.780	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	1093	0.352	ug/l	92
44) Trichloroethene	7.129	130	103897	32.290	ug/l	97
64) Tetrachloroethene	9.275	164	3168	1.077	ug/l	93

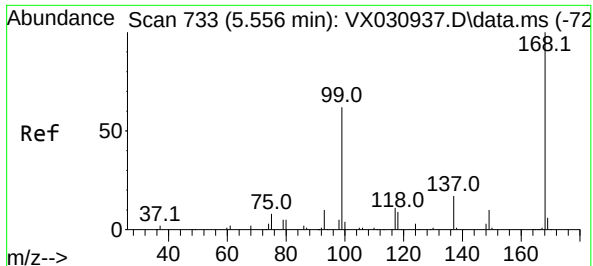
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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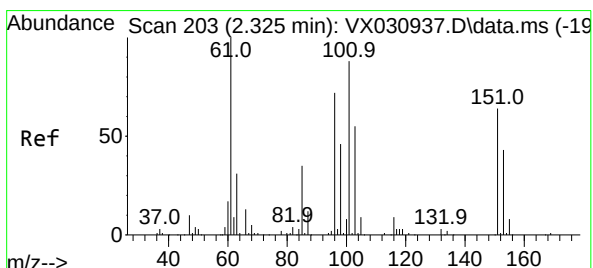
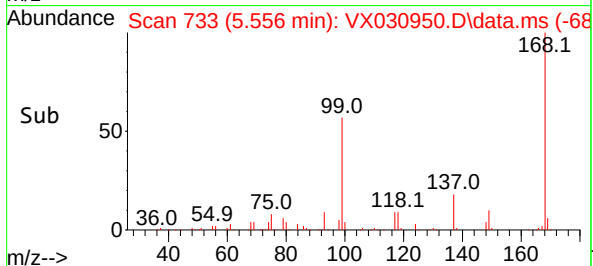
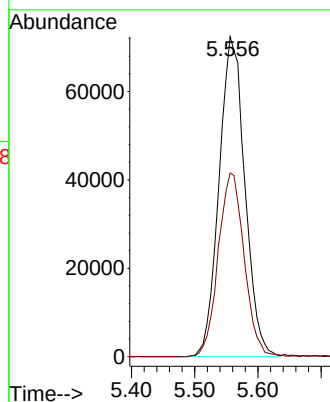
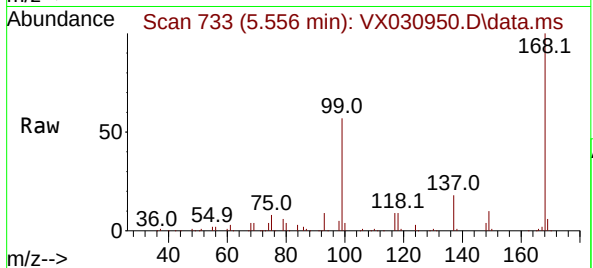




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

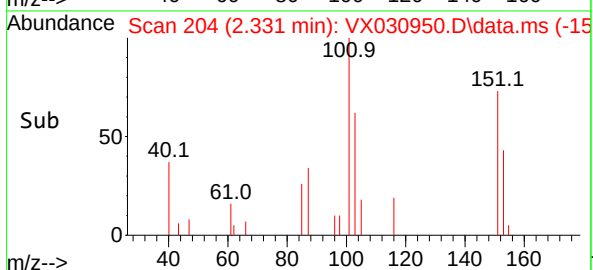
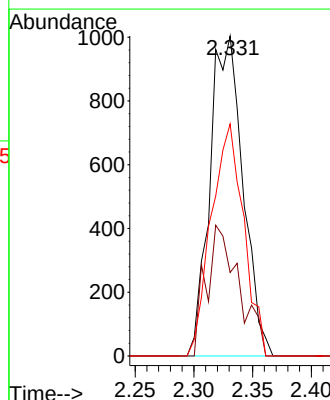
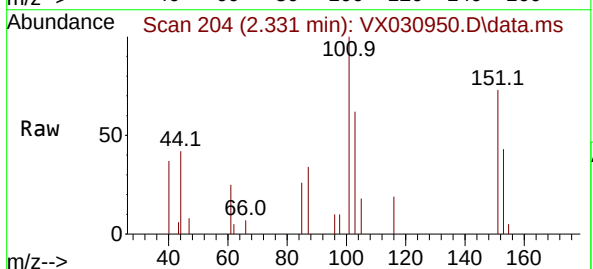
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

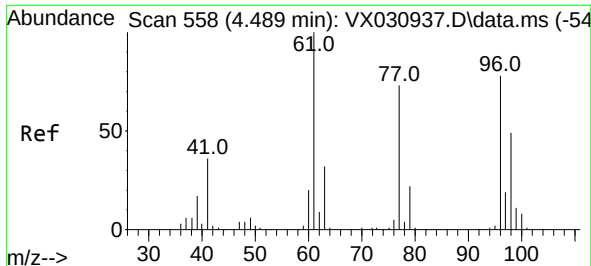
Tgt Ion:168 Resp: 204760
Ion Ratio Lower Upper
168 100
99 57.4 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.780 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion:101 Resp: 1968
Ion Ratio Lower Upper
101 100
85 40.5 34.0 51.0
151 71.0 59.4 89.0





#27

cis-1,2-Dichloroethene

Concen: 0.352 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030950.D

Acq: 30 Aug 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20220818DL

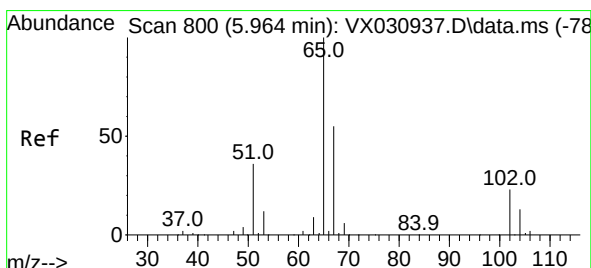
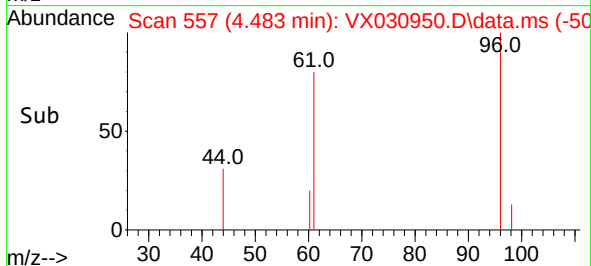
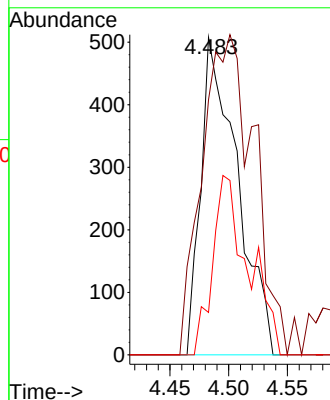
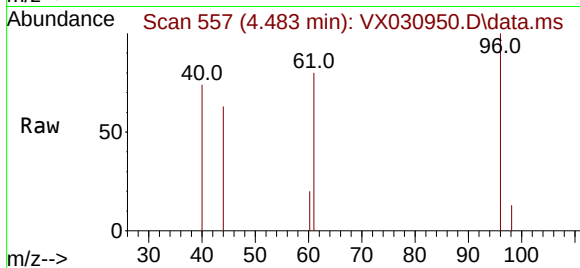
Tgt Ion: 96 Resp: 1093

Ion Ratio Lower Upper

96 100

61 143.5 0.0 270.0

98 55.4 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 50.325 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030950.D

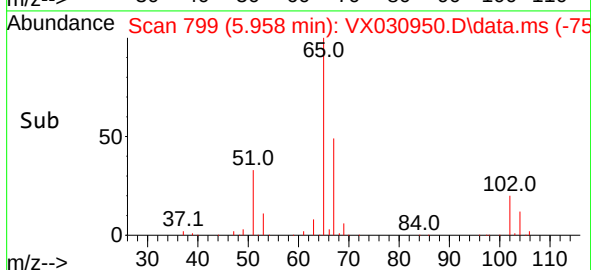
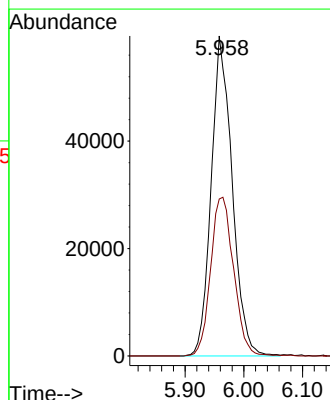
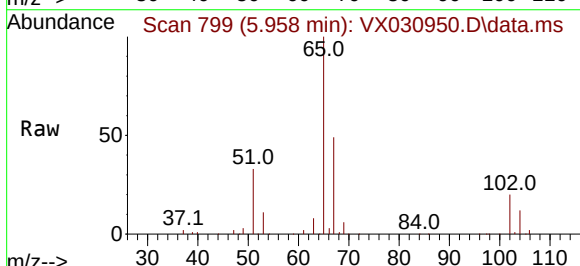
Acq: 30 Aug 2022 19:44

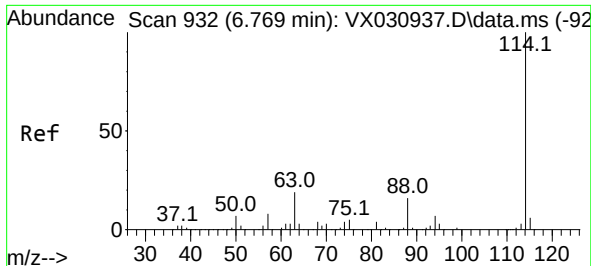
Tgt Ion: 65 Resp: 147798

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6

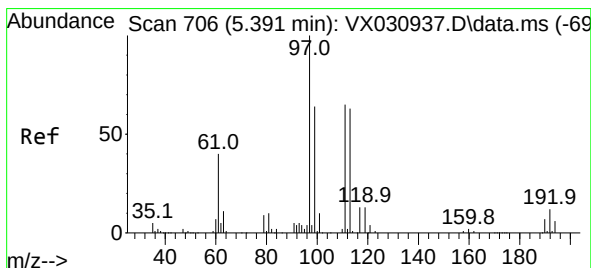
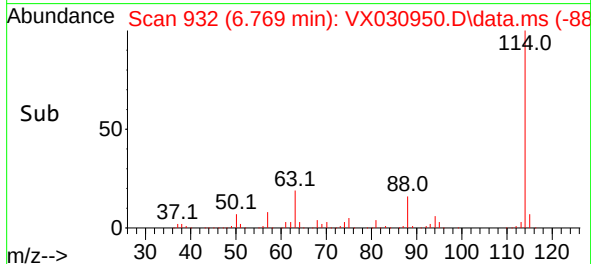
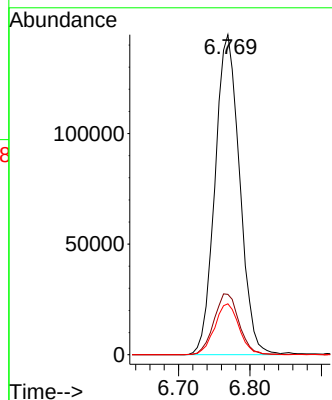
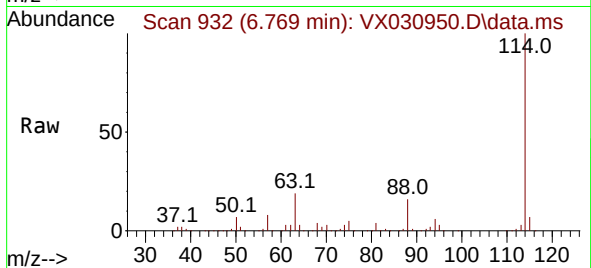




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

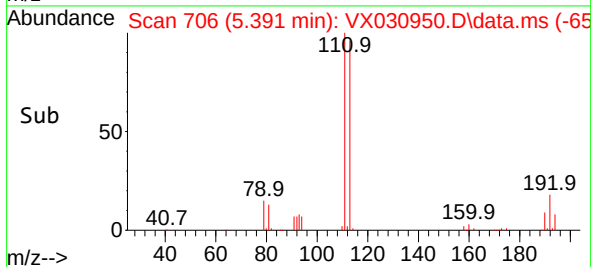
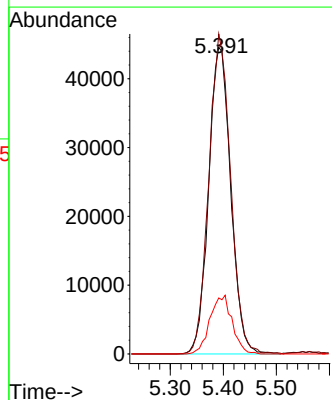
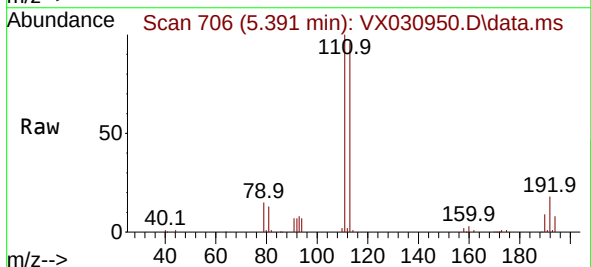
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

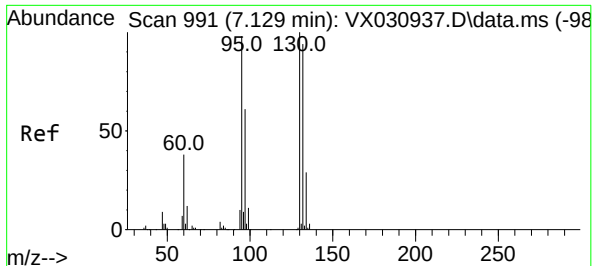
Tgt Ion:114 Resp: 345883
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.742 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion:113 Resp: 129375
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 19.1 14.8 22.2

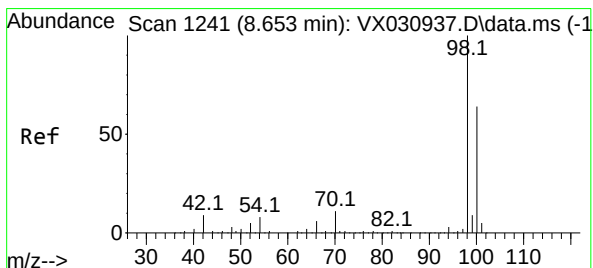
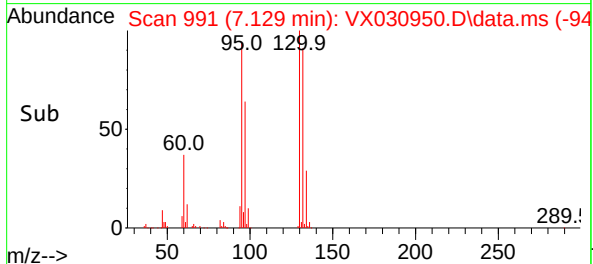
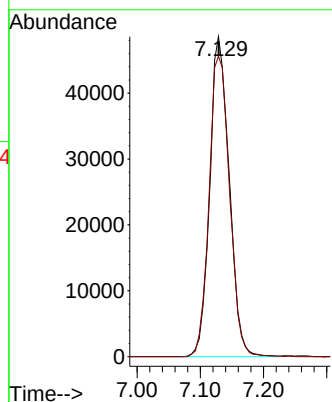
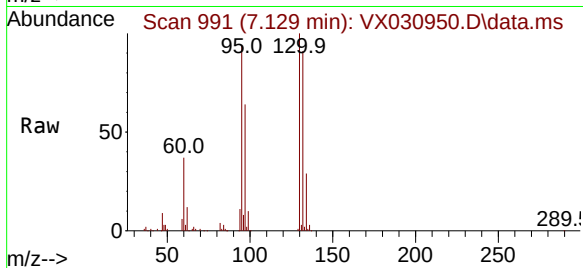




#44
Trichloroethene
Concen: 32.290 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

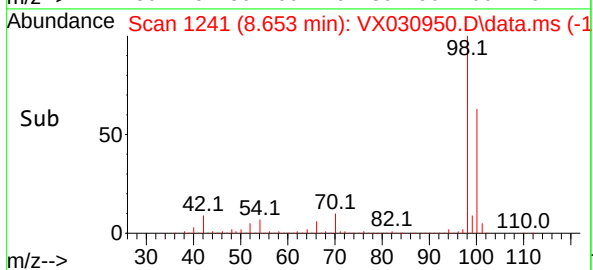
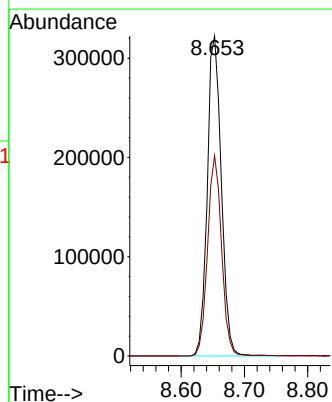
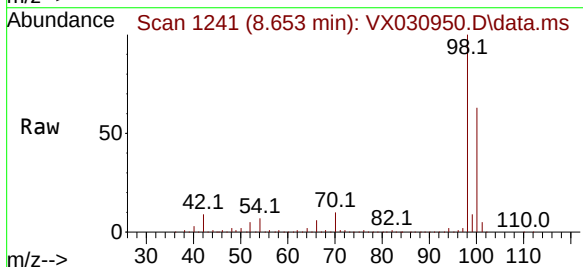
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

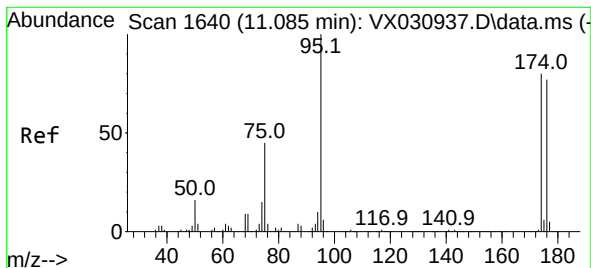
Tgt Ion:130 Resp: 103897
Ion Ratio Lower Upper
130 100
95 94.0 0.0 194.8



#50
Toluene-d8
Concen: 52.687 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 98 Resp: 497486
Ion Ratio Lower Upper
98 100
100 62.1 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 47.888 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030950.D

Acq: 30 Aug 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20220818DL

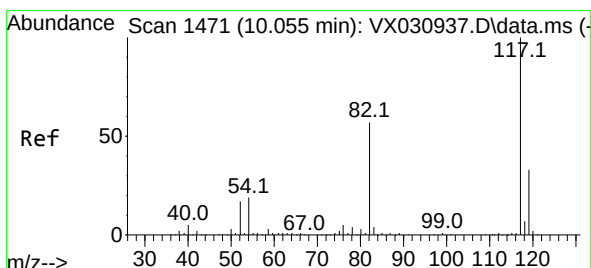
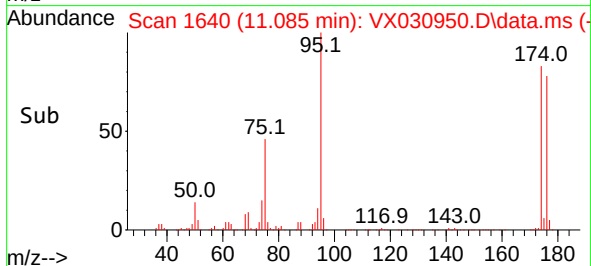
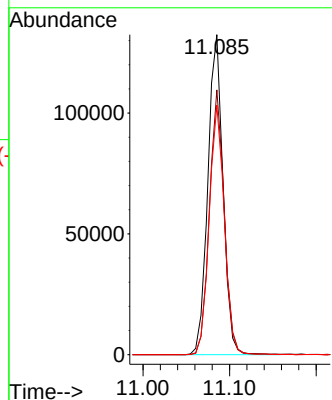
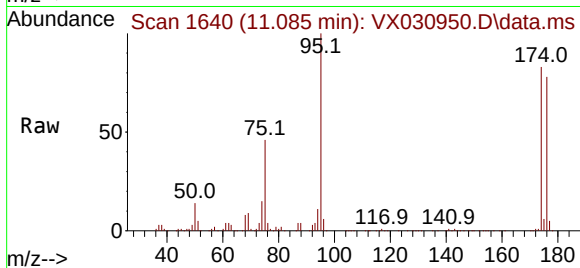
Tgt Ion: 95 Resp: 161021

Ion Ratio Lower Upper

95 100

174 81.0 0.0 149.0

176 77.4 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: VX030950.D

Acq: 30 Aug 2022 19:44

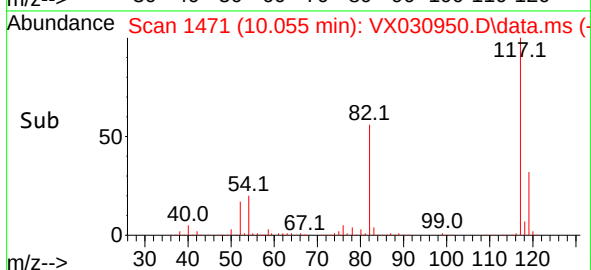
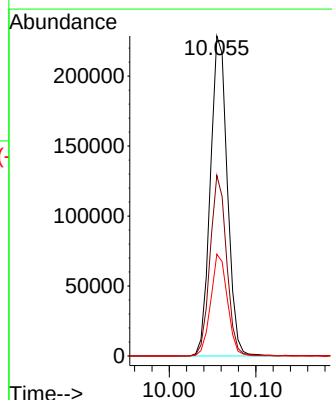
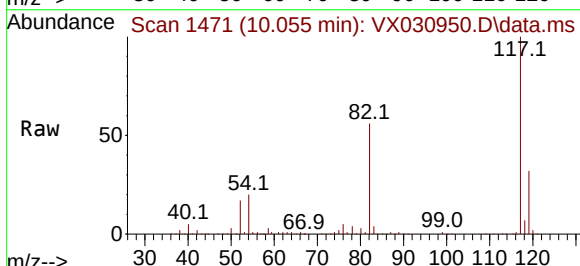
Tgt Ion: 117 Resp: 310958

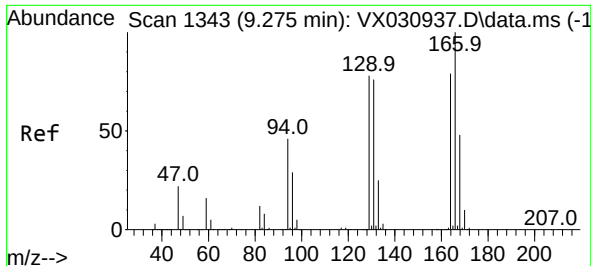
Ion Ratio Lower Upper

117 100

82 56.5 42.7 64.1

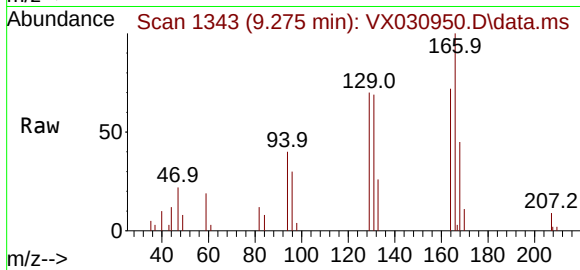
119 31.8 25.4 38.2



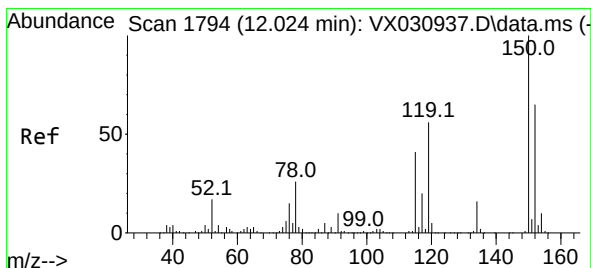
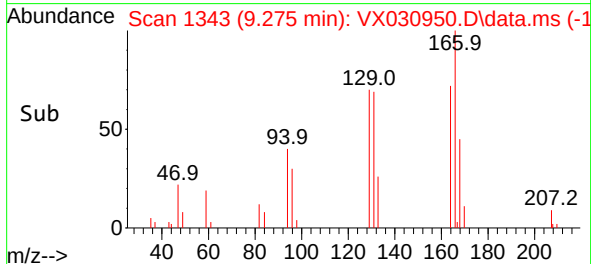
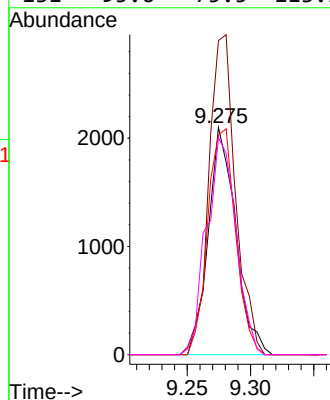


#64
Tetrachloroethene
Concen: 1.077 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Instrument :
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ClientSampleId :
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Tgt Ion:	164	Resp:	3168
Ion	Ratio	Lower	Upper
164	100		
166	138.2	98.2	147.4
129	96.6	80.8	121.2
131	95.6	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: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion:	152	Resp:	140762
Ion	Ratio	Lower	Upper
152	100		
115	61.1	40.5	121.5
150	152.5	0.0	347.0

