

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027842.D
 Acq On : 31 Mar 2022 12:57
 Operator : JC/MD
 Sample : N2041-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20220317RE

Quant Time: Apr 01 04:07:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

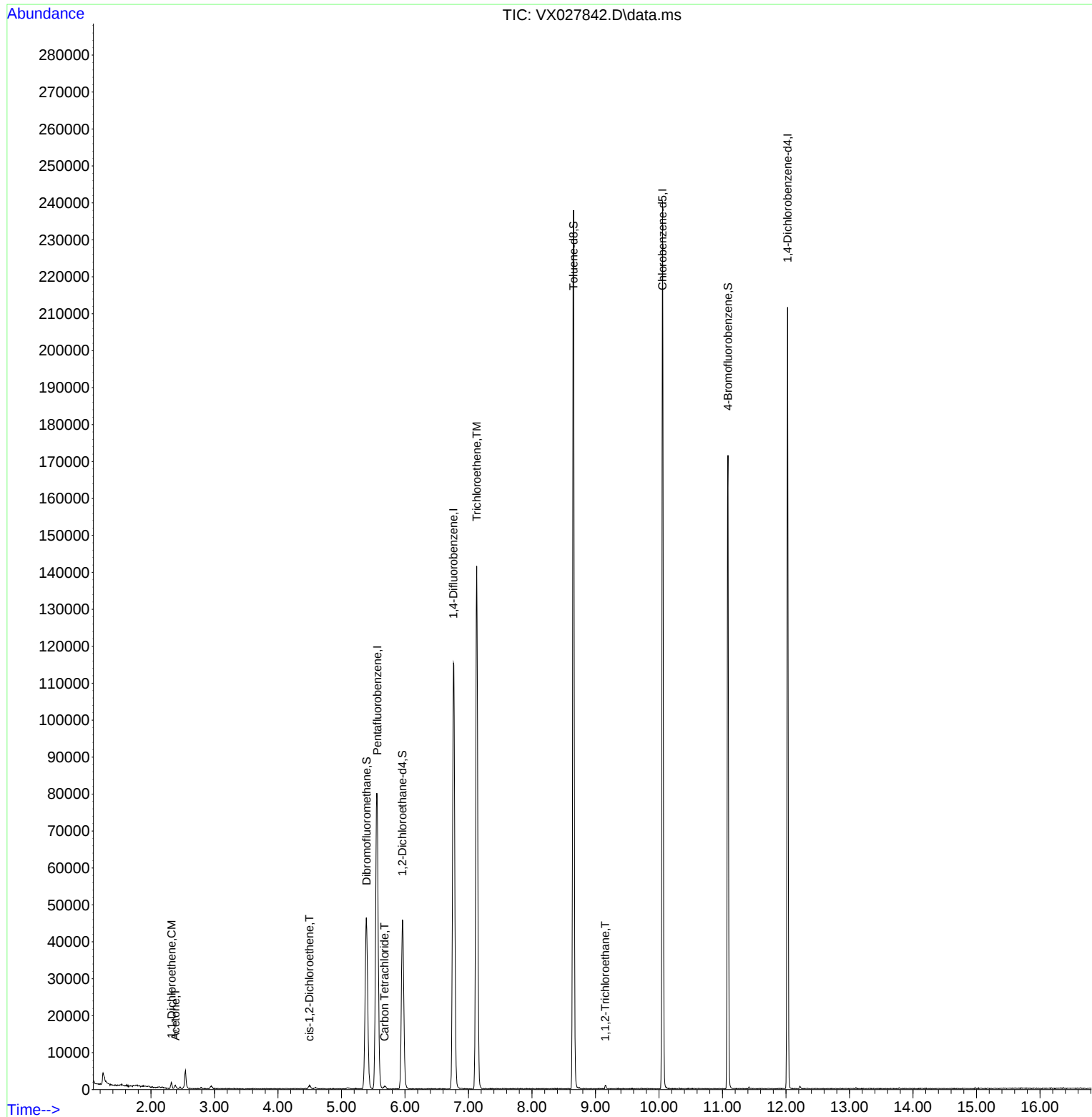
Internal Standards						
1) Pentafluorobenzene	5.562	168	76956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122879	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45279	45.601	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.200%
35) Dibromofluoromethane	5.397	113	39395	49.669	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.340%
50) Toluene-d8	8.653	98	139244	49.896	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.085	95	47861	40.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	80.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	461	0.697	ug/l	87
16) Acetone	2.386	43	1084	2.467	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	533	0.616	ug/l #	20
38) Carbon Tetrachloride	5.678	117	682	0.618	ug/l #	96
44) Trichloroethene	7.129	130	53891	65.503	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	239	0.283	ug/l #	77

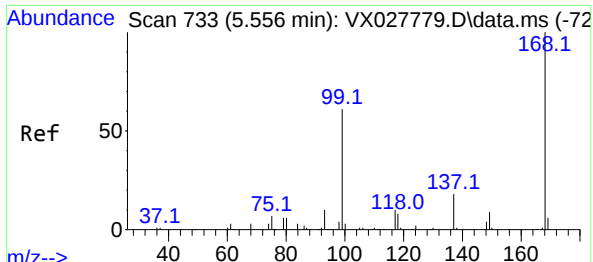
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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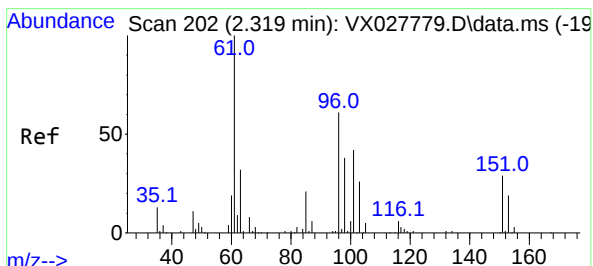
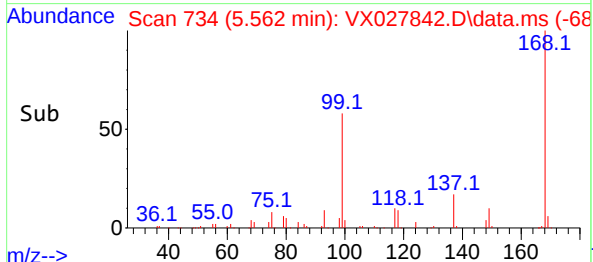
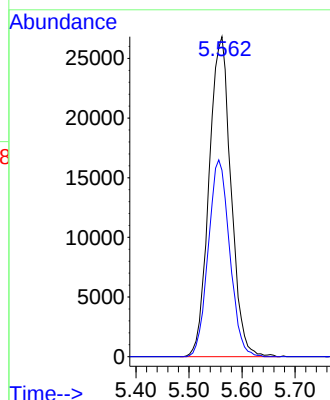
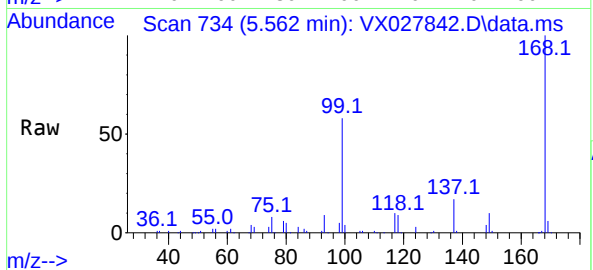




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

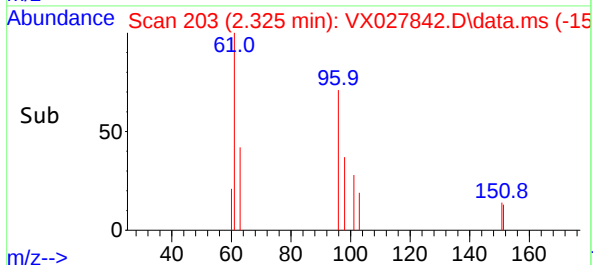
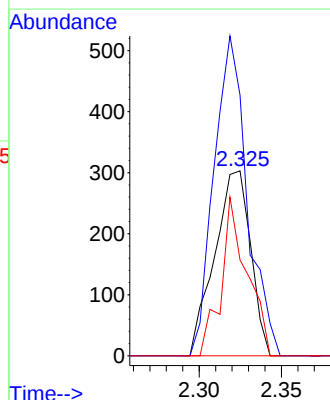
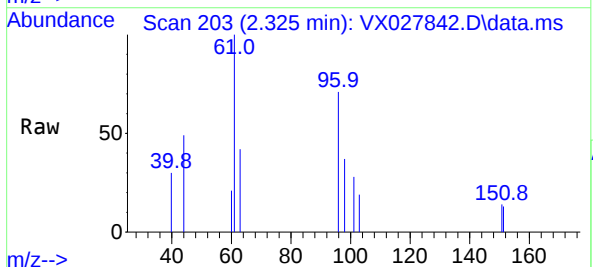
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220317RE

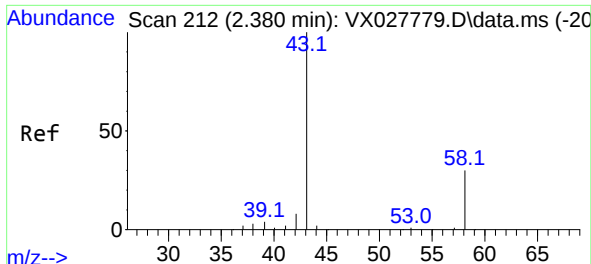
Tgt Ion:168 Resp: 76956
Ion Ratio Lower Upper
168 100
99 58.2 41.7 62.5



#12
1,1-Dichloroethene
Concen: 0.697 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

Tgt Ion: 96 Resp: 461
Ion Ratio Lower Upper
96 100
61 140.9 124.6 187.0
98 51.8 51.0 76.4

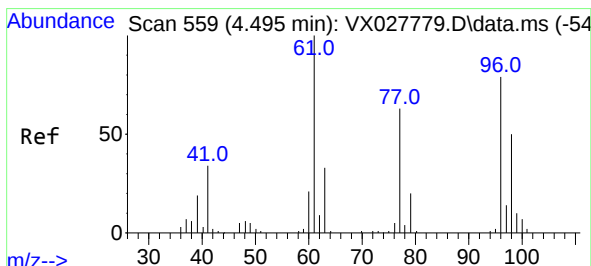
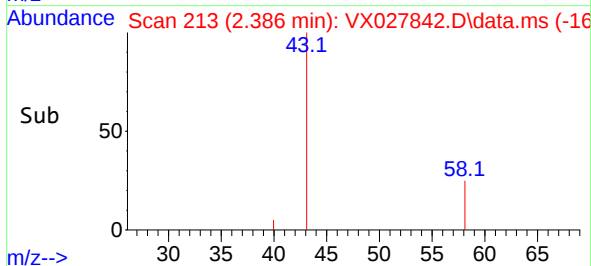
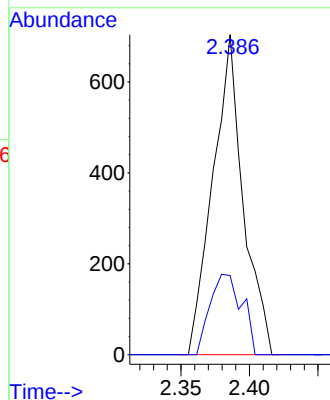
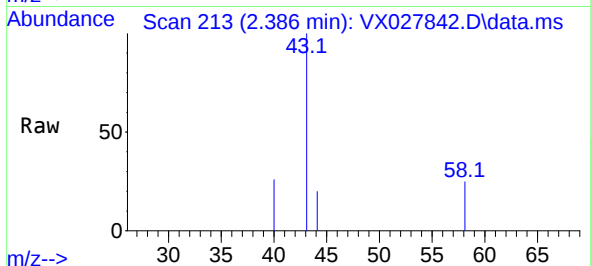




#16
Acetone
Concen: 2.467 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

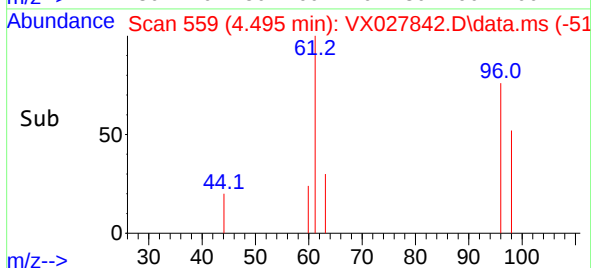
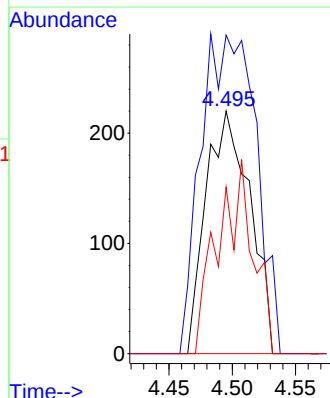
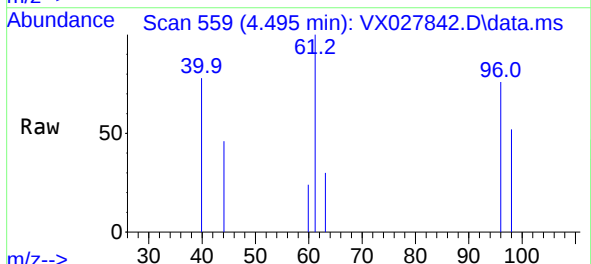
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220317RE

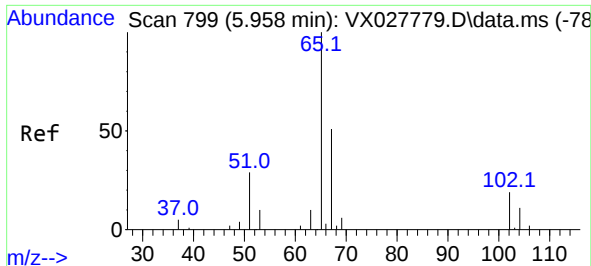
Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 24.7 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.616 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

Tgt Ion: 96 Resp: 533
Ion Ratio Lower Upper
96 100
61 0.0 0.0 283.8
98 63.6 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 45.601 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027842.D

Acq: 31 Mar 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

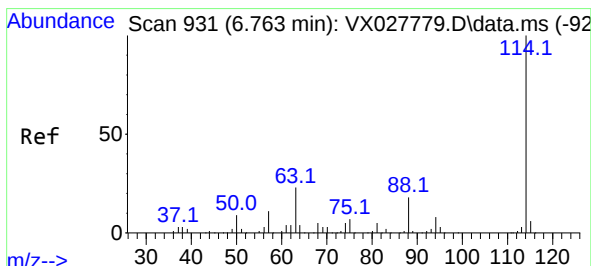
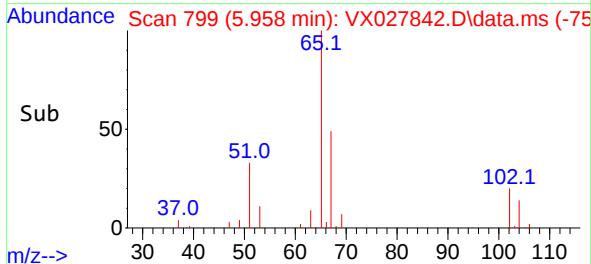
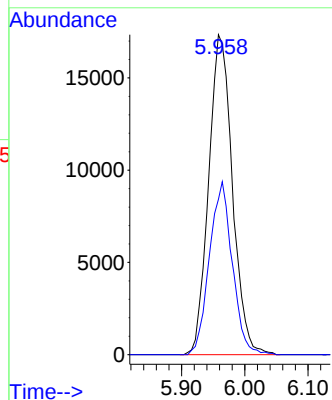
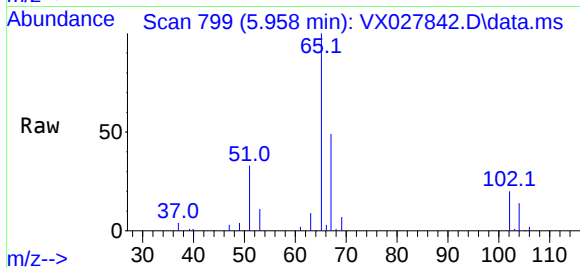
RE117D1-20220317RE

Tgt Ion: 65 Resp: 45279

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027842.D

Acq: 31 Mar 2022 12:57

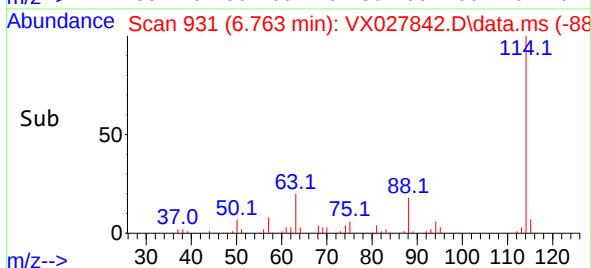
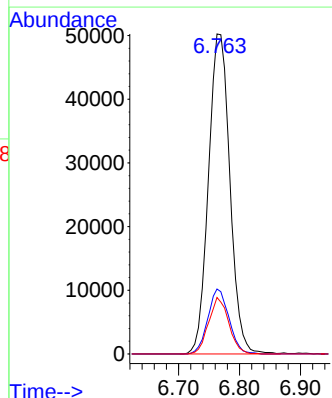
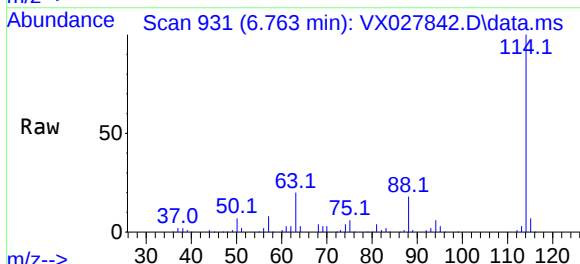
Tgt Ion: 114 Resp: 122879

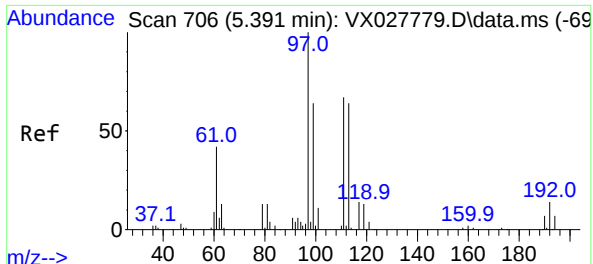
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

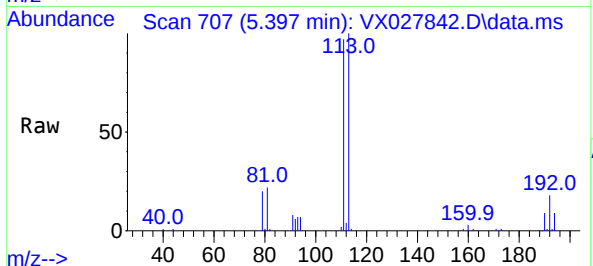
88 17.7 0.0 32.4



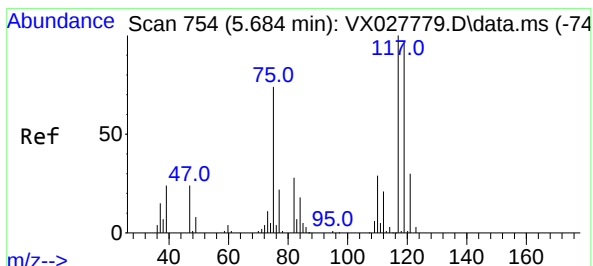
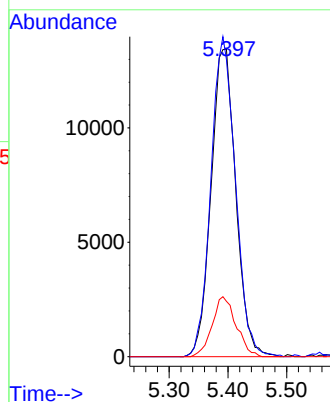
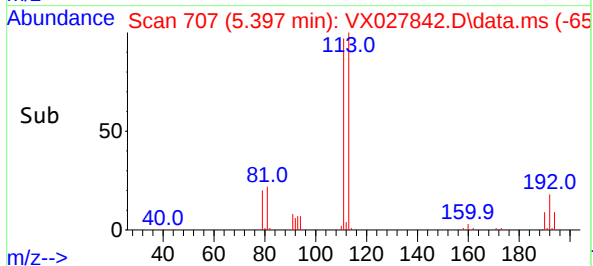


#35
Dibromofluoromethane
Concen: 49.669 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220317RE

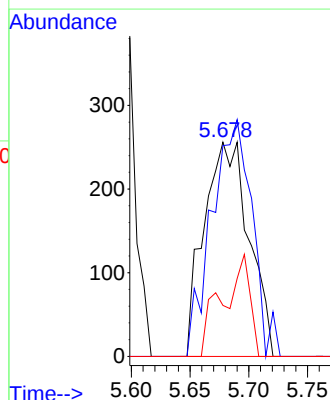
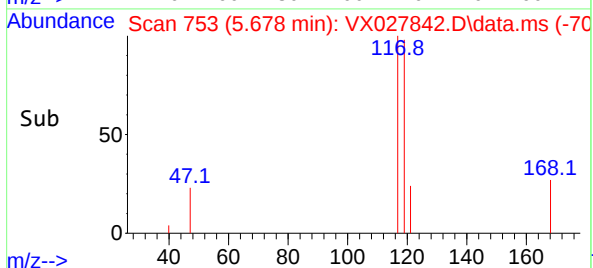
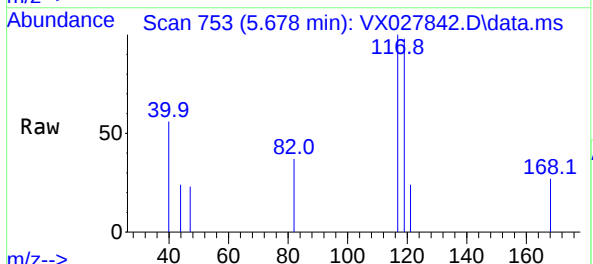


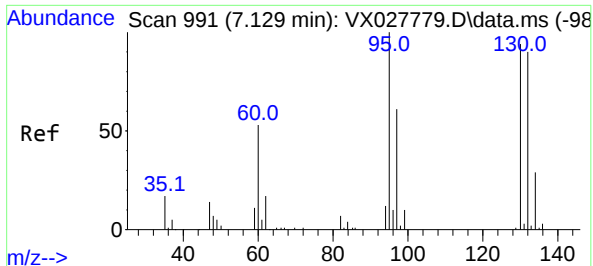
Tgt Ion:113 Resp: 39395
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.8 16.9 25.3



#38
Carbon Tetrachloride
Concen: 0.618 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

Tgt Ion:117 Resp: 682
Ion Ratio Lower Upper
117 100
119 98.4 77.3 115.9
121 23.8 24.2 36.2#

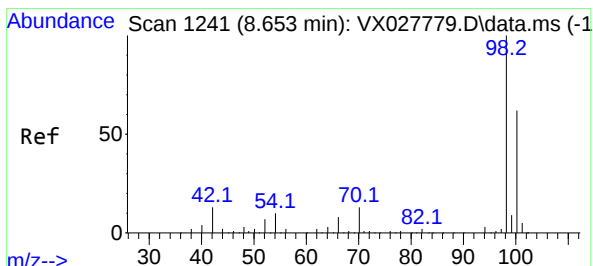
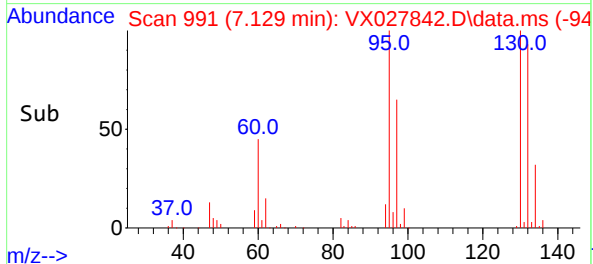
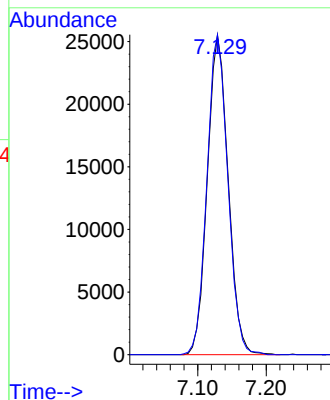
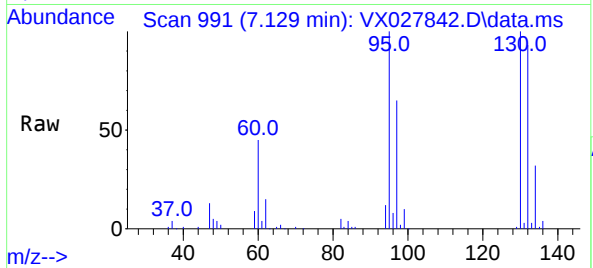




#44
Trichloroethene
Concen: 65.503 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

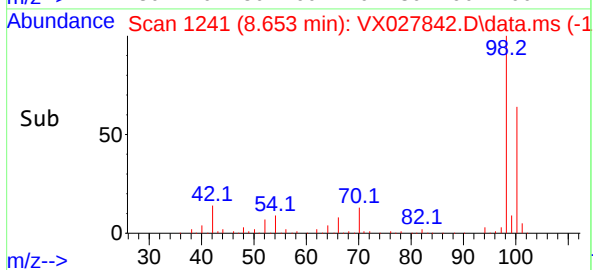
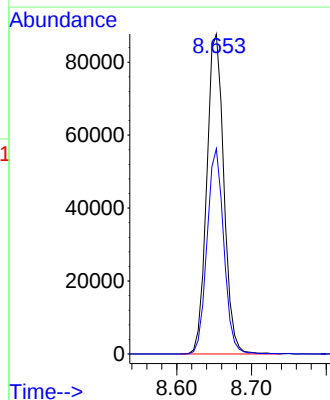
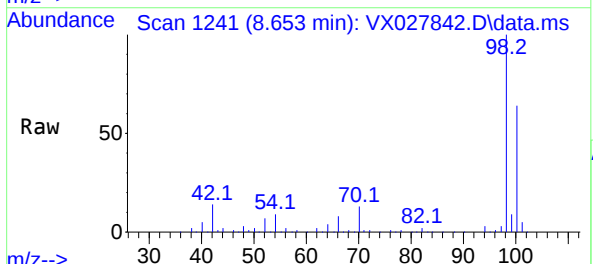
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220317RE

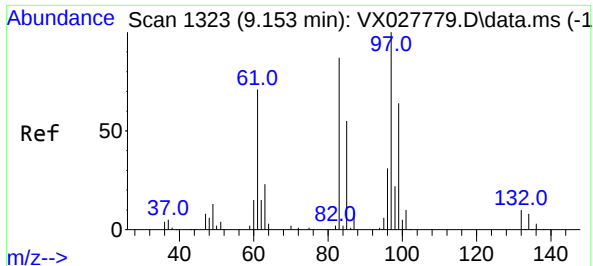
Tgt Ion:130 Resp: 53891
Ion Ratio Lower Upper
130 100
95 100.1 0.0 188.8



#50
Toluene-d8
Concen: 49.896 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

Tgt Ion: 98 Resp: 139244
Ion Ratio Lower Upper
98 100
100 63.0 52.6 78.8





#55

1,1,2-Trichloroethane

Concen: 0.283 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027842.D

Acq: 31 Mar 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20220317RE

Tgt Ion: 97 Resp: 239

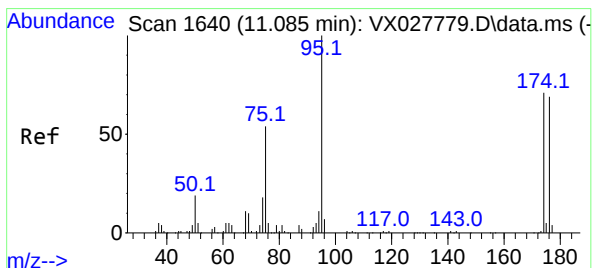
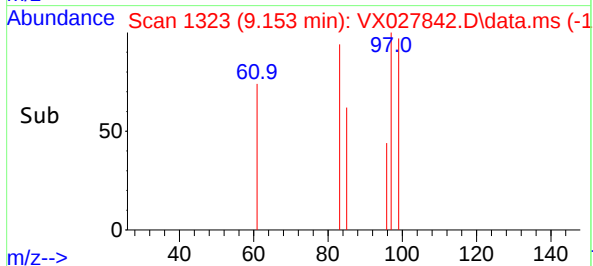
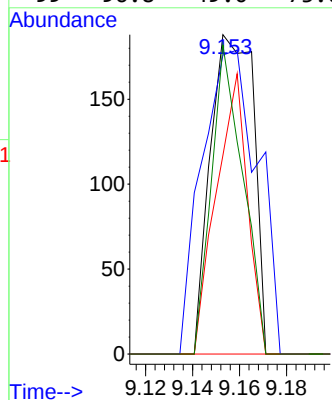
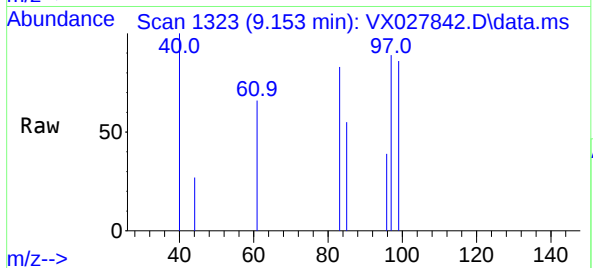
Ion Ratio Lower Upper

97 100

83 93.6 66.2 99.4

85 62.2 42.9 64.3

99 96.8 49.0 73.6#



#62

4-Bromofluorobenzene

Concen: 40.357 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027842.D

Acq: 31 Mar 2022 12:57

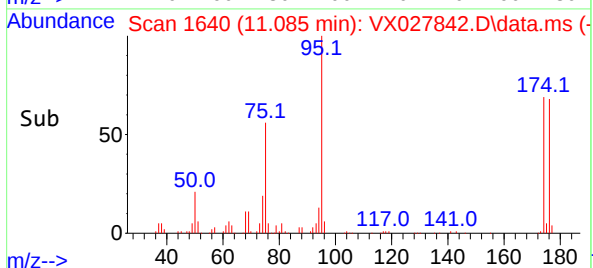
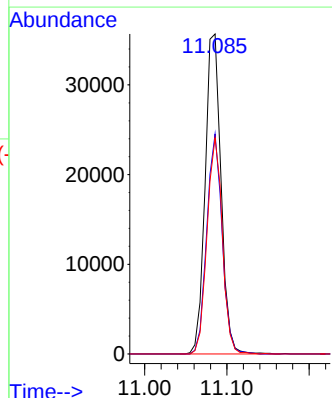
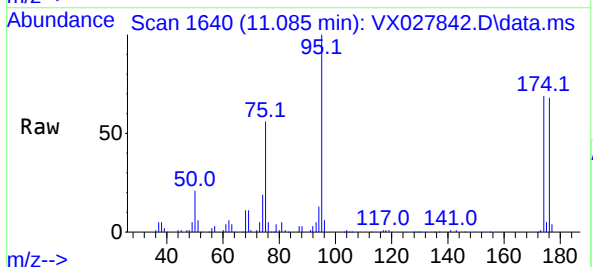
Tgt Ion: 95 Resp: 47861

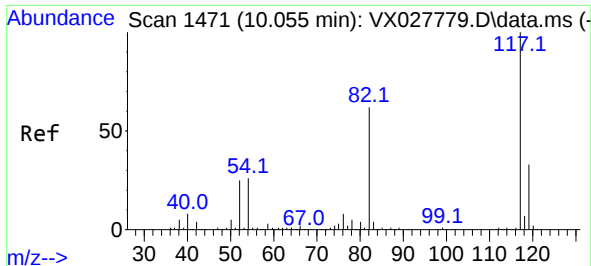
Ion Ratio Lower Upper

95 100

174 66.6 0.0 163.0

176 65.1 0.0 155.0

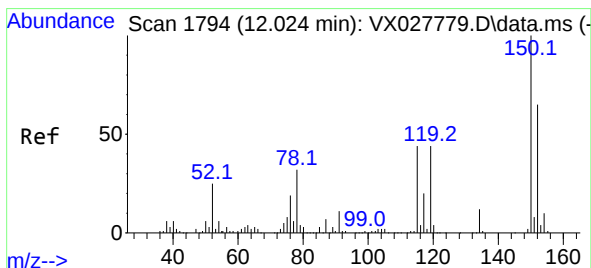
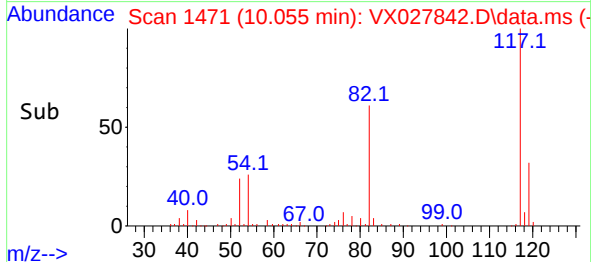
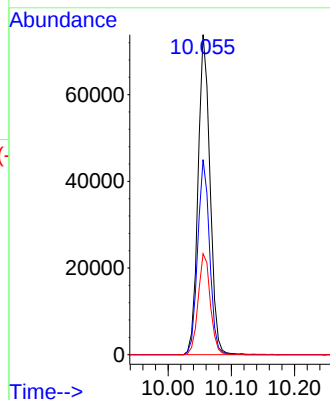
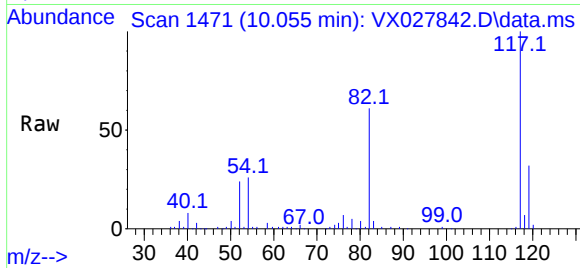




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

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Tgt Ion:	117	Resp:	97007
Ion Ratio	Lower	Upper	
117	100		
82	60.9	41.8	62.8
119	31.5	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027842.D
Acq: 31 Mar 2022 12:57

Tgt Ion:	152	Resp:	38012
Ion Ratio	Lower	Upper	
152	100		
115	64.0	37.5	112.7
150	157.4	0.0	338.2

