

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035870.D
 Acq On : 25 May 2023 21:47
 Operator : JC/MD
 Sample : 02911-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20230522

Quant Time: May 26 07:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

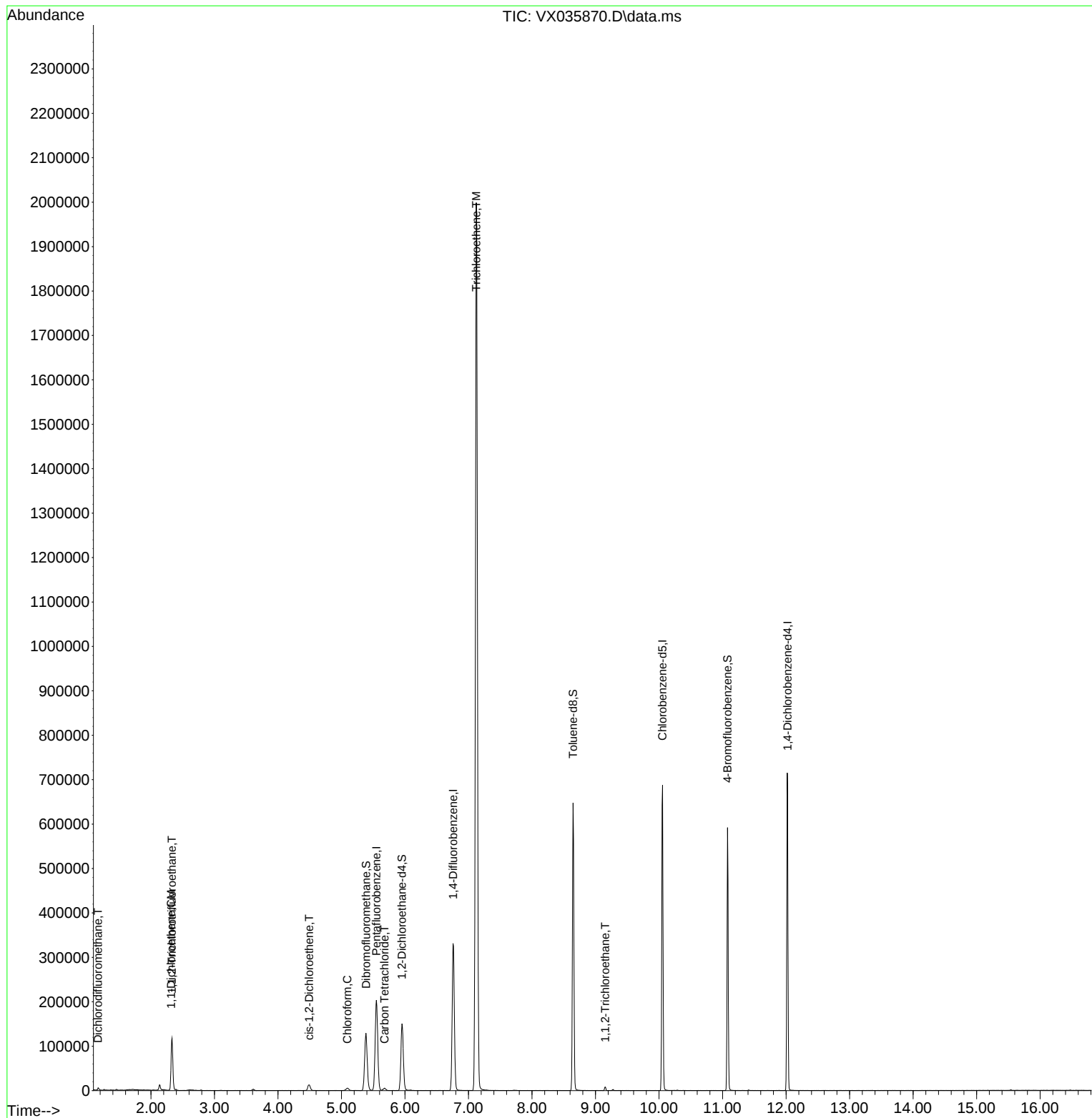
Internal Standards						
1) Pentafluorobenzene	5.550	168	184924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	330263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	140651	43.598	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.200%
35) Dibromofluoromethane	5.385	113	109481	49.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	8.647	98	365889	44.468	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.940%#
62) 4-Bromofluorobenzene	11.079	95	148009	44.675	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2072	0.860	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	40598	18.736	ug/l	98
12) 1,1-Dichloroethene	2.319	96	6081	2.953	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	8476	3.125	ug/l	86
30) Chloroform	5.093	83	6695	1.414	ug/l	91
38) Carbon Tetrachloride	5.678	117	4391	1.318	ug/l	90
44) Trichloroethene	7.123	130	748273	300.051	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	1985	0.814	ug/l #	84

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

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RE114D1-20230522

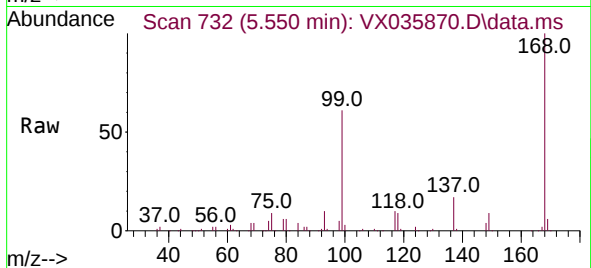
Quant Time: May 26 07:26:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
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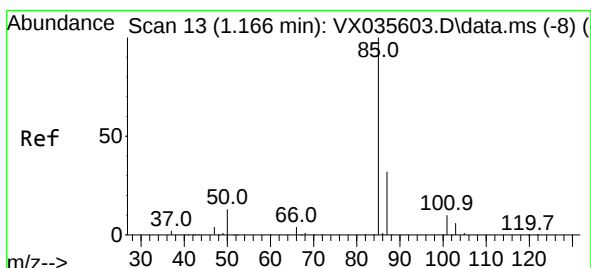
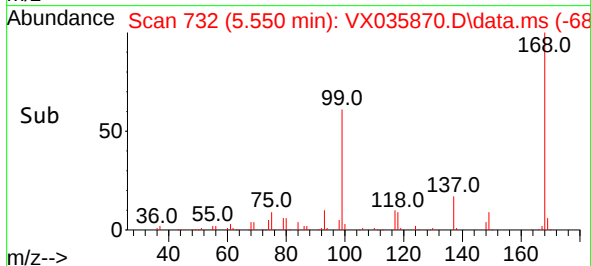
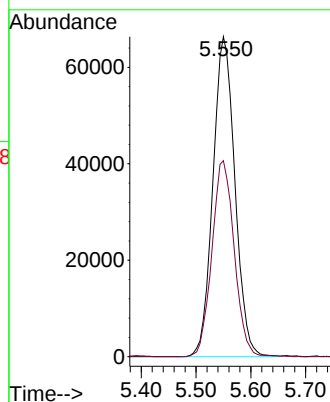


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035870.D
Acq: 25 May 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522

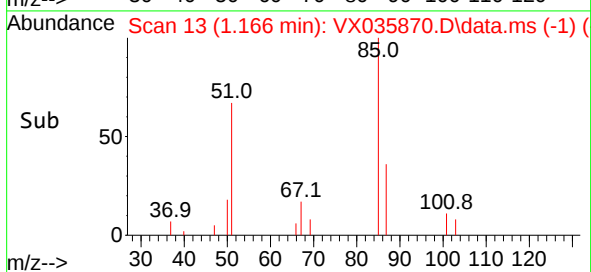
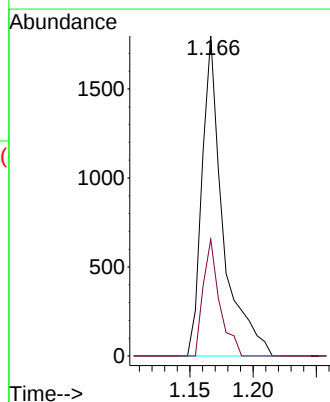
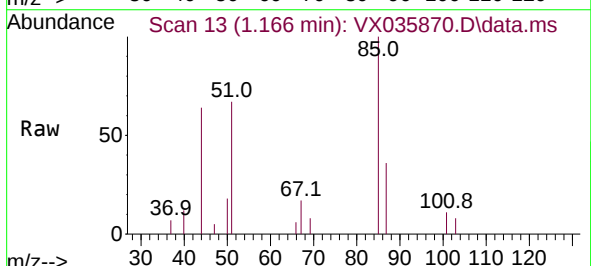


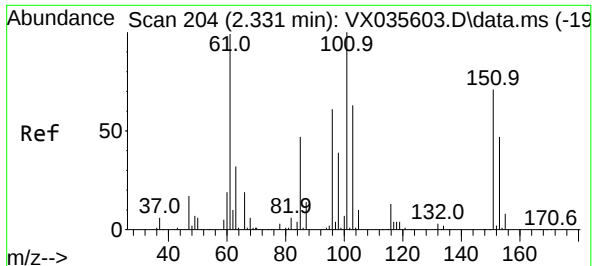
Tgt Ion:168 Resp: 184924
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.860 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035870.D
Acq: 25 May 2023 21:47

Tgt Ion: 85 Resp: 2072
Ion Ratio Lower Upper
85 100
87 36.4 16.4 49.1

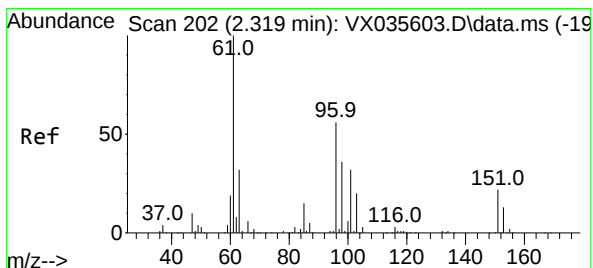
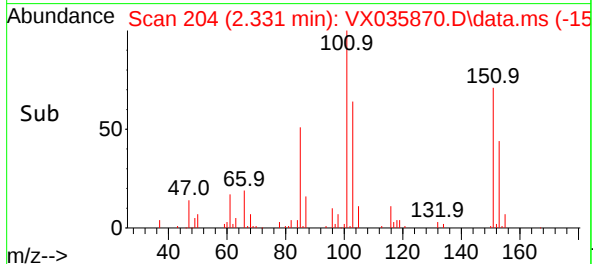
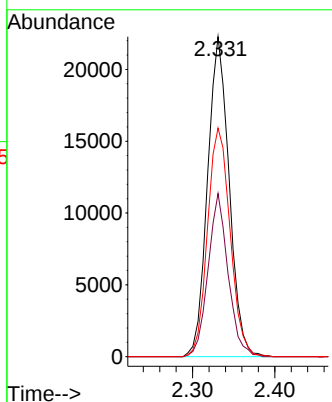
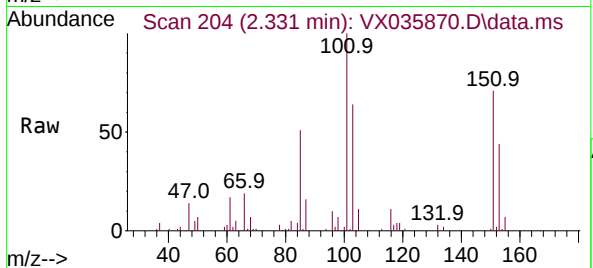




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.736 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX035870.D
 Acq: 25 May 2023 21:47

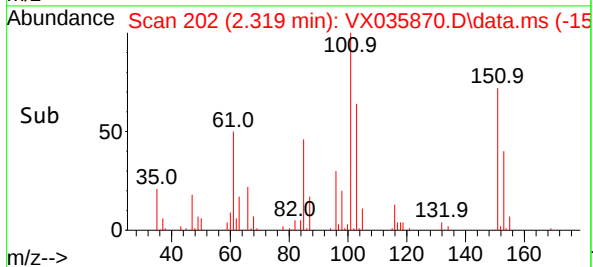
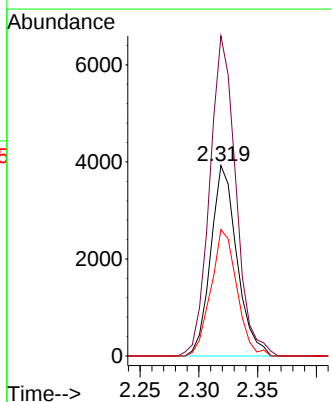
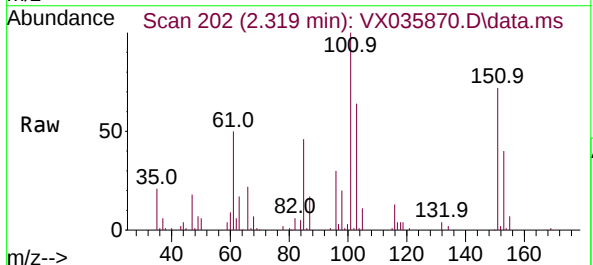
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20230522

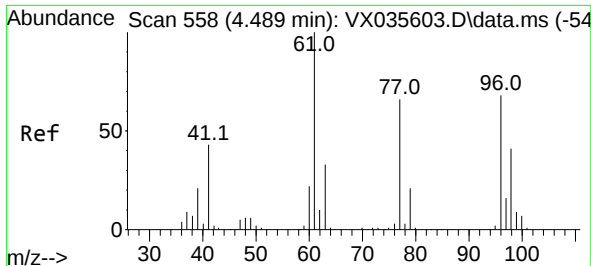
Tgt Ion:101 Resp: 40598
 Ion Ratio Lower Upper
 101 100
 85 47.3 35.4 53.2
 151 74.9 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 2.953 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX035870.D
 Acq: 25 May 2023 21:47

Tgt Ion: 96 Resp: 6081
 Ion Ratio Lower Upper
 96 100
 61 168.0 128.8 193.2
 98 66.4 51.4 77.0

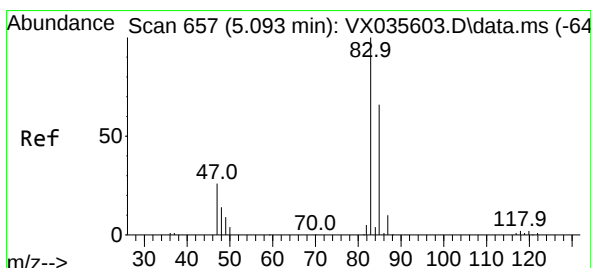
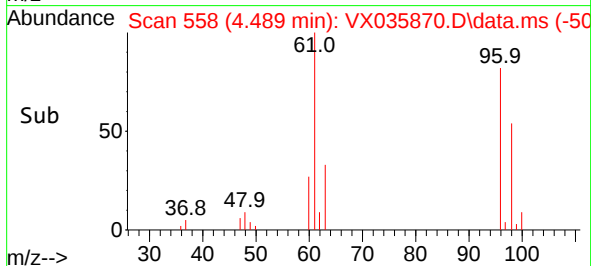
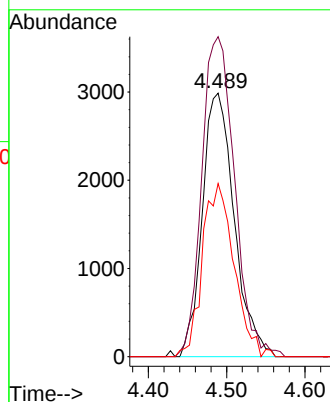
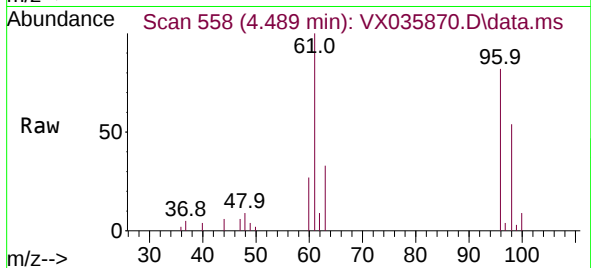




#27
 cis-1,2-Dichloroethene
 Concen: 3.125 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX035870.D
 Acq: 25 May 2023 21:47

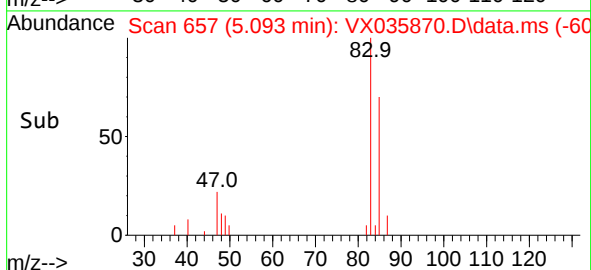
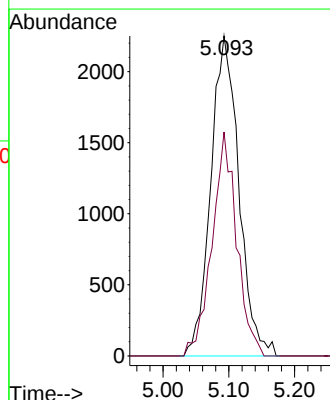
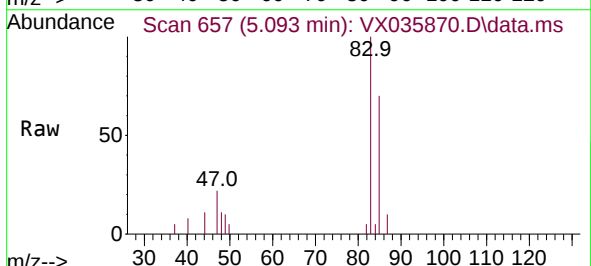
Instrument :
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 ClientSampleId :
 RE114D1-20230522

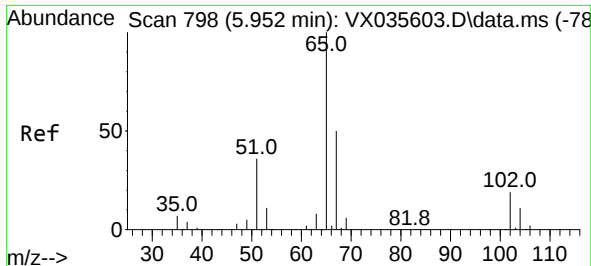
Tgt Ion: 96	Resp:	8476	
Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	300.4
98	65.1	0.0	129.0



#30
 Chloroform
 Concen: 1.414 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VX035870.D
 Acq: 25 May 2023 21:47

Tgt Ion: 83	Resp:	6695	
Ion	Ratio	Lower	Upper
83	100		
85	70.0	50.6	76.0

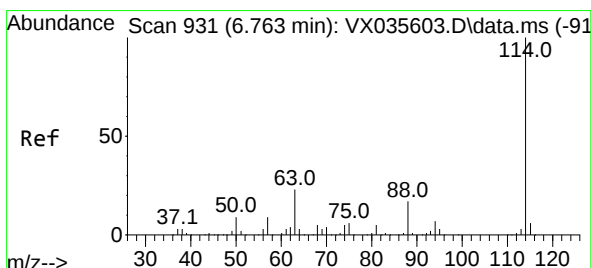
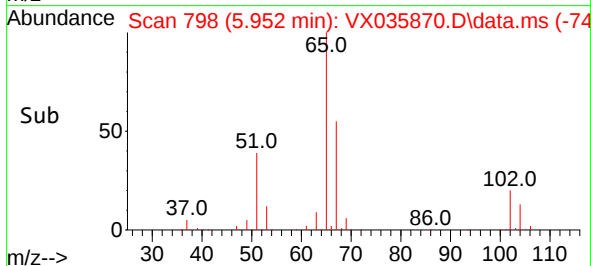
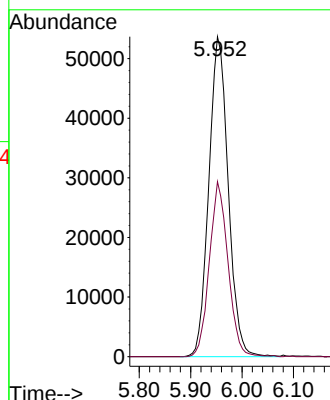
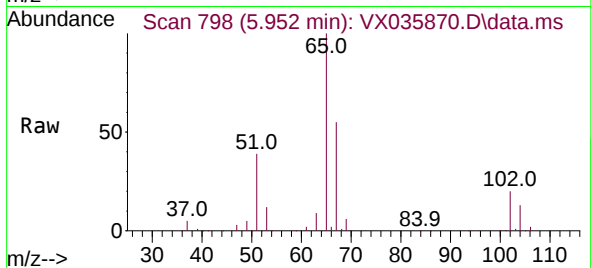




#33
 1,2-Dichloroethane-d4
 Concen: 43.598 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035870.D
 Acq: 25 May 2023 21:47

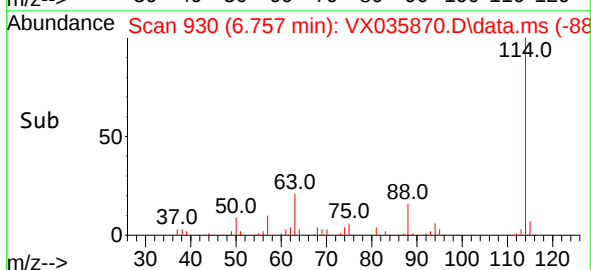
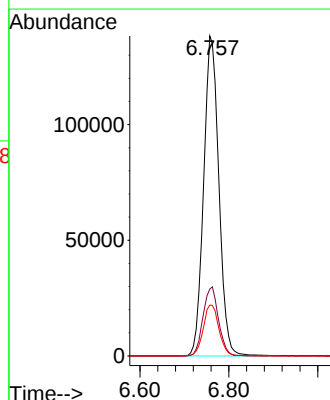
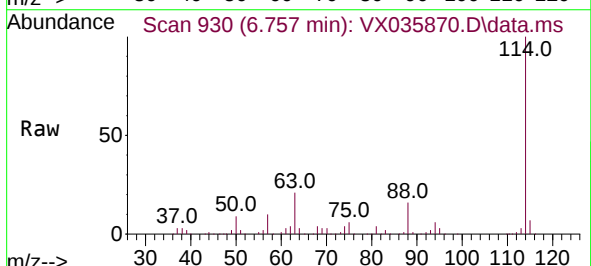
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20230522

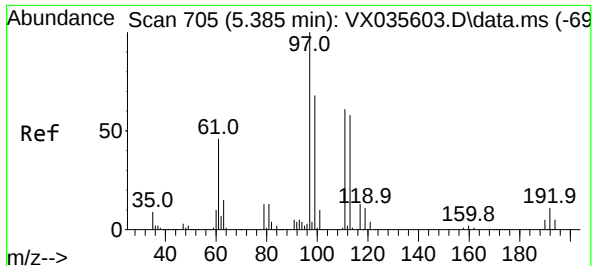
Tgt Ion: 65 Resp: 140651
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035870.D
 Acq: 25 May 2023 21:47

Tgt Ion: 114 Resp: 330263
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.2
 88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.154 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035870.D

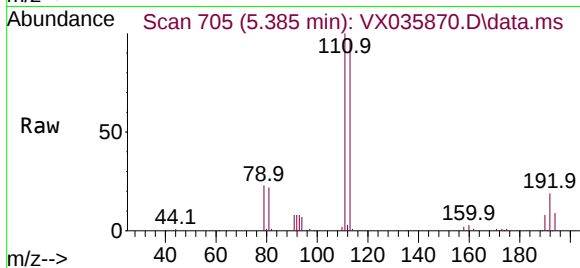
Acq: 25 May 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

RE114D1-20230522



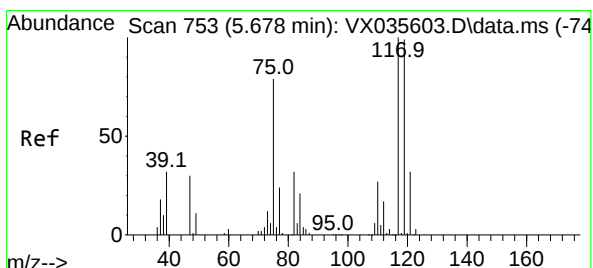
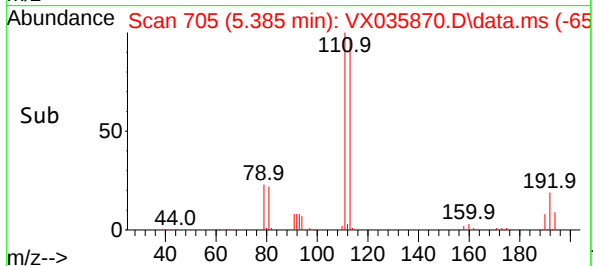
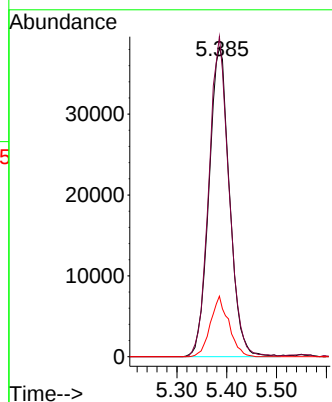
Tgt Ion:113 Resp: 109481

Ion Ratio Lower Upper

113 100

111 101.5 83.7 125.5

192 17.5 15.4 23.2



#38

Carbon Tetrachloride

Concen: 1.318 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035870.D

Acq: 25 May 2023 21:47

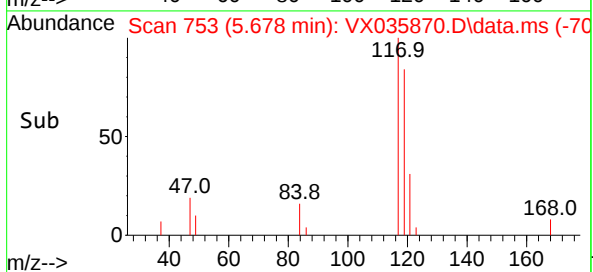
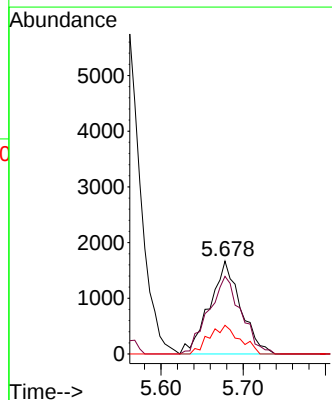
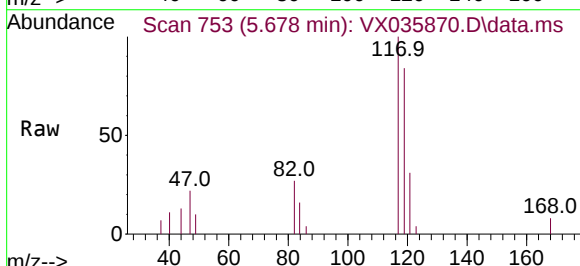
Tgt Ion:117 Resp: 4391

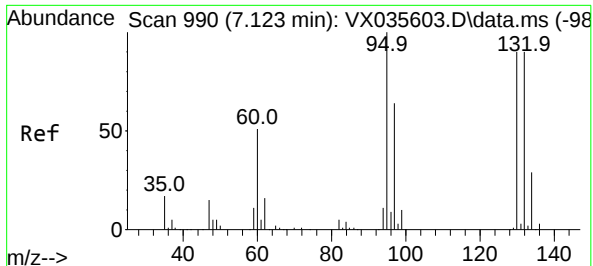
Ion Ratio Lower Upper

117 100

119 83.5 76.6 114.8

121 30.9 23.8 35.6

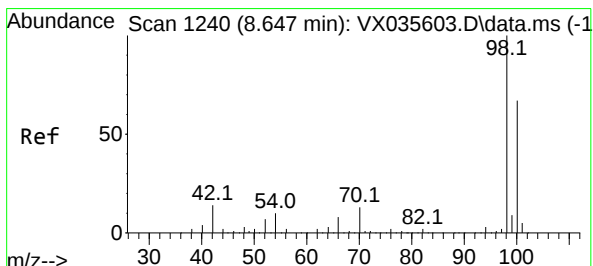
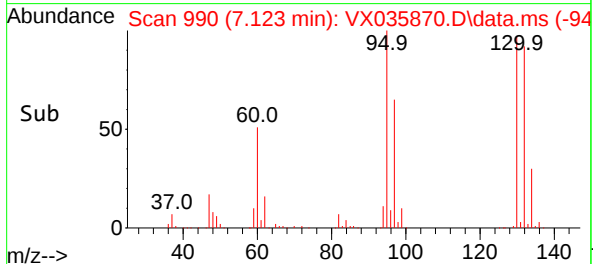
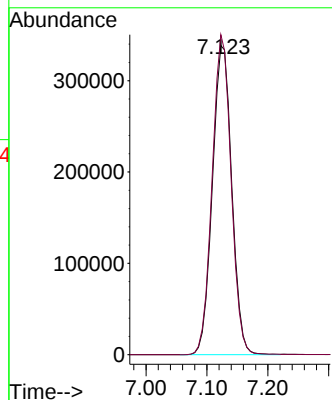
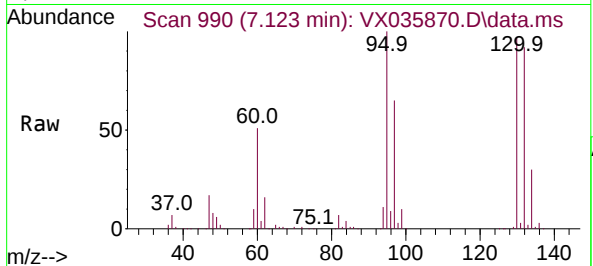




#44
Trichloroethene
Concen: 300.051 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035870.D
Acq: 25 May 2023 21:47

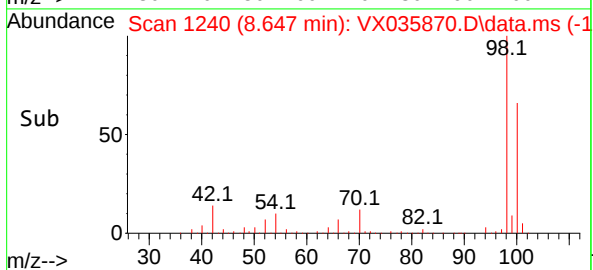
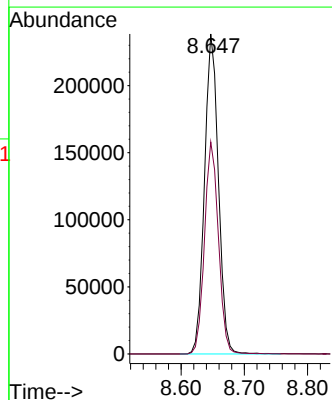
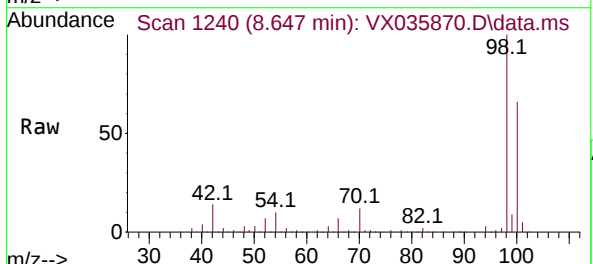
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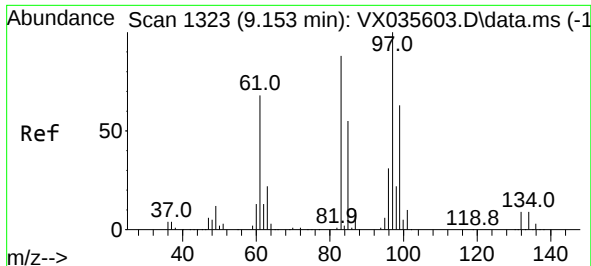
Tgt Ion:130 Resp: 748273
Ion Ratio Lower Upper
130 100
95 103.5 0.0 198.4



#50
Toluene-d8
Concen: 44.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035870.D
Acq: 25 May 2023 21:47

Tgt Ion: 98 Resp: 365889
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

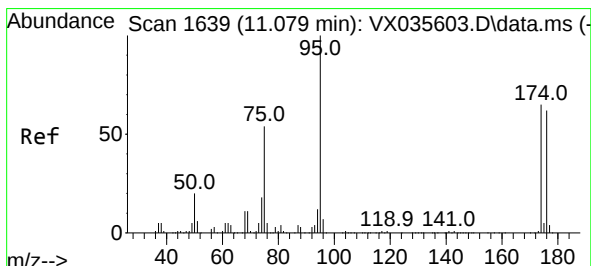
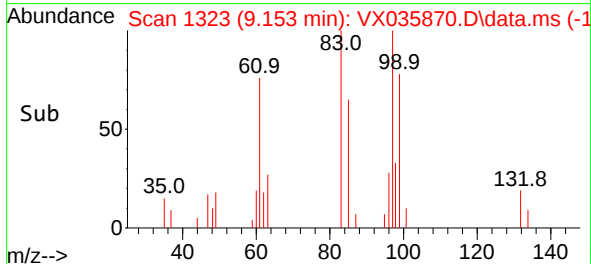
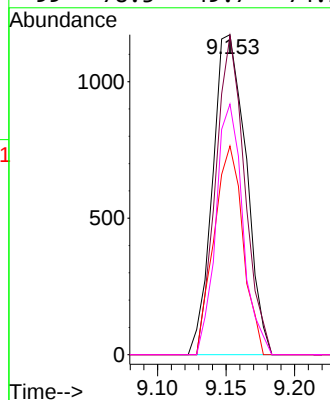
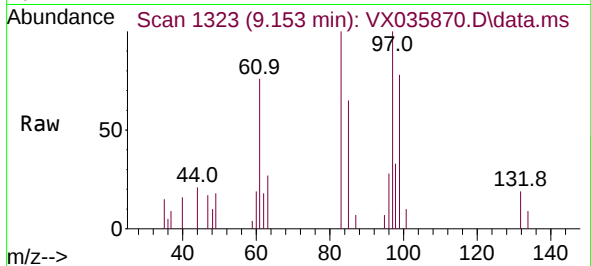




#55
1,1,2-Trichloroethane
Concen: 0.814 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035870.D
Acq: 25 May 2023 21:47

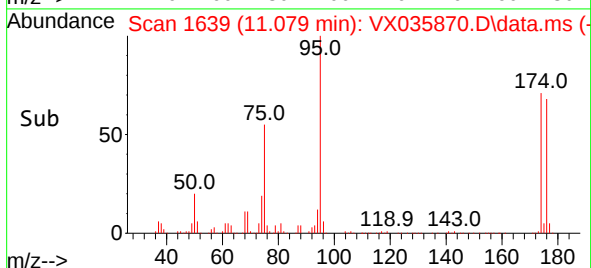
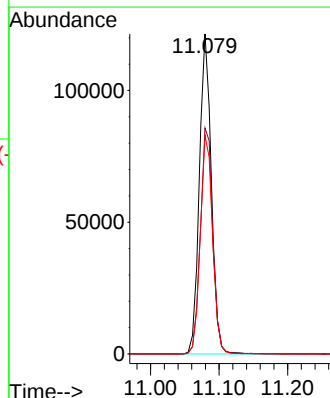
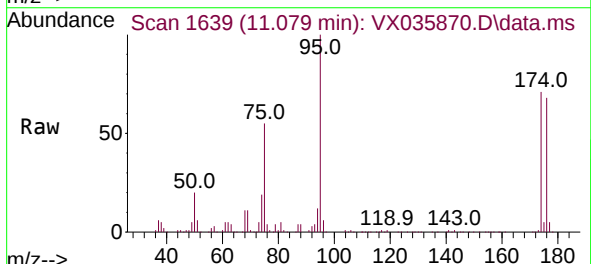
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522

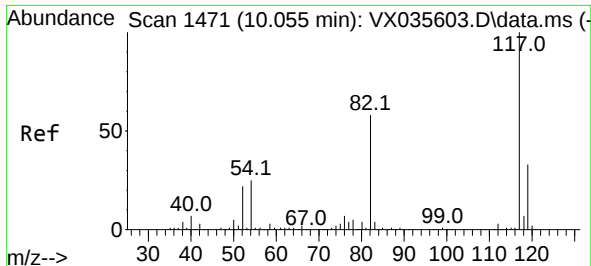
Tgt Ion: 97	Resp: 1985
Ion Ratio	Lower Upper
97 100	
83 99.7	69.7 104.5
85 65.2	43.7 65.5
99 78.3	49.7 74.5#



#62
4-Bromofluorobenzene
Concen: 44.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035870.D
Acq: 25 May 2023 21:47

Tgt Ion: 95	Resp: 148009
Ion Ratio	Lower Upper
95 100	
174 72.9	0.0 147.4
176 69.8	0.0 140.6

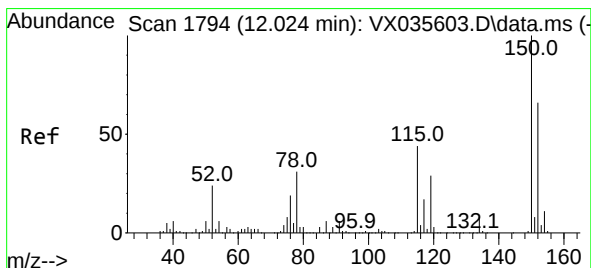
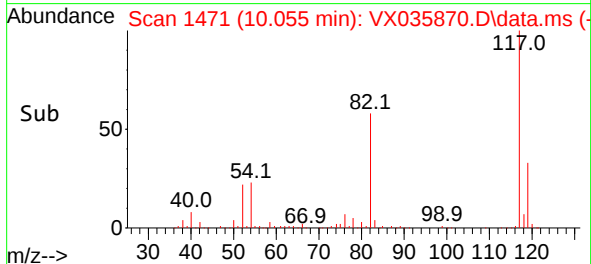
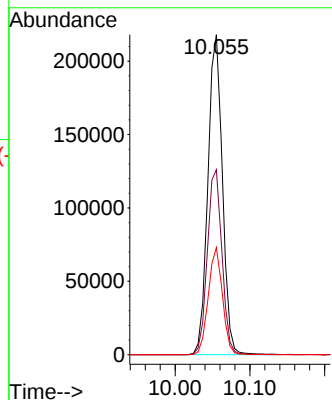
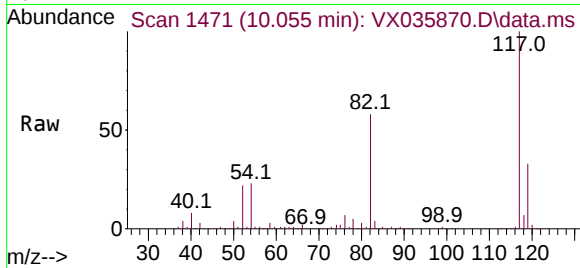




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035870.D
Acq: 25 May 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20230522

Tgt Ion:117 Resp: 293539
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 33.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035870.D
Acq: 25 May 2023 21:47

Tgt Ion:152 Resp: 141299
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 157.8 0.0 352.4

