

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038908.D
 Acq On : 18 Nov 2023 04:44
 Operator : JC/MD
 Sample : 05404-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20231109

Quant Time: Nov 20 00:32:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

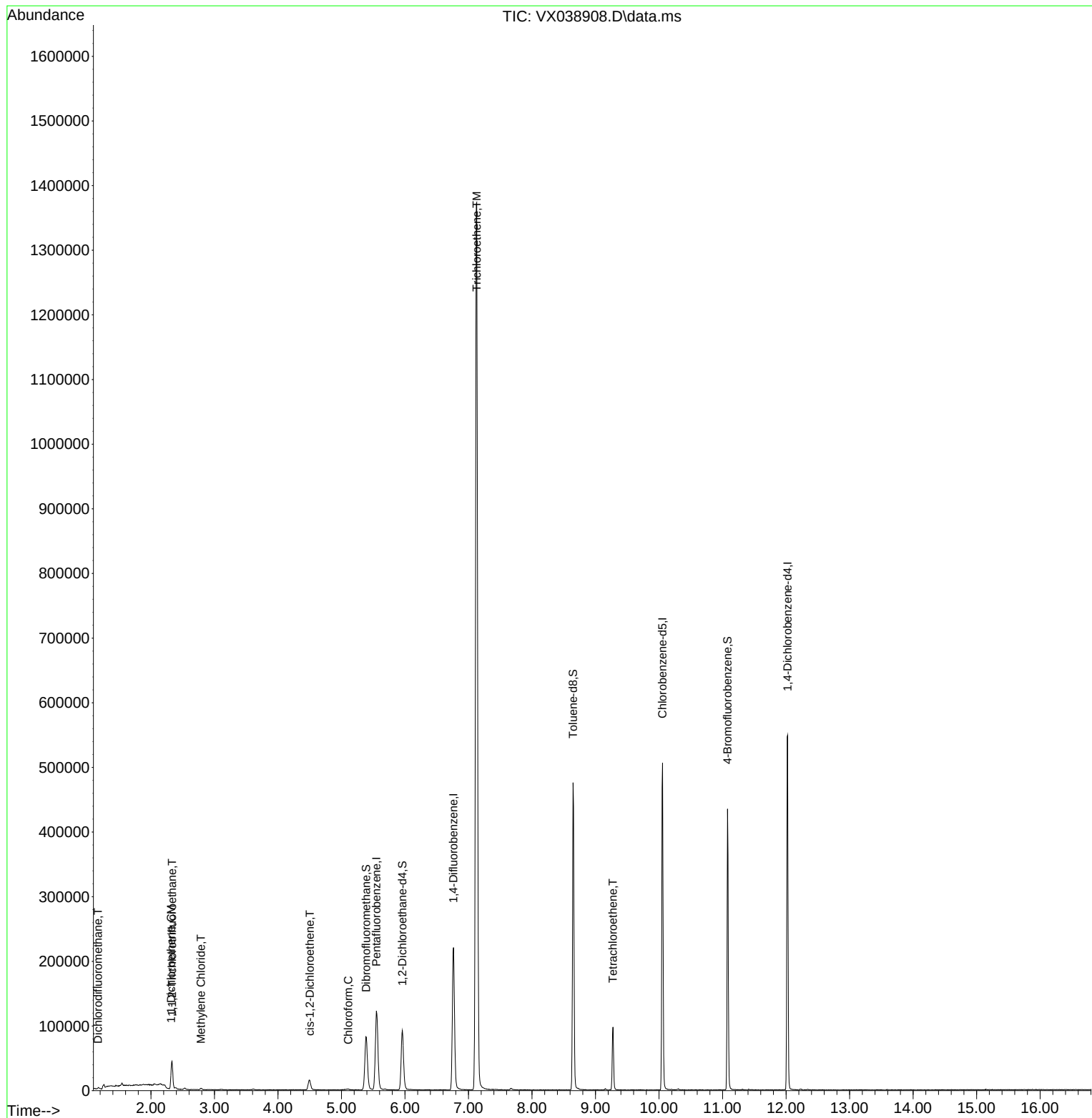
Internal Standards						
1) Pentafluorobenzene	5.550	168	110315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87121	49.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.020%
35) Dibromofluoromethane	5.385	113	72807	44.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.620%
50) Toluene-d8	8.647	98	283181	45.555	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.120%#
62) 4-Bromofluorobenzene	11.079	95	118856	47.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	749	0.582	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	13595	9.983	ug/l	97
12) 1,1-Dichloroethene	2.318	96	4128	3.002	ug/l	89
20) Methylene Chloride	2.788	84	1004	0.589	ug/l #	77
27) cis-1,2-Dichloroethene	4.501	96	9800	5.542	ug/l	84
30) Chloroform	5.105	83	1585	0.575	ug/l #	82
44) Trichloroethene	7.129	130	516248	307.949	ug/l	97
64) Tetrachloroethene	9.275	164	16862	11.843	ug/l	96

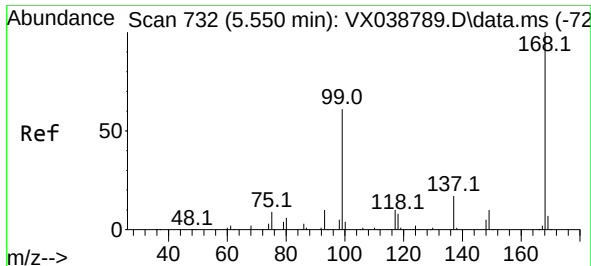
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
Data File : VX038908.D
Acq On : 18 Nov 2023 04:44
Operator : JC/MD
Sample : 05404-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109

Quant Time: Nov 20 00:32:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

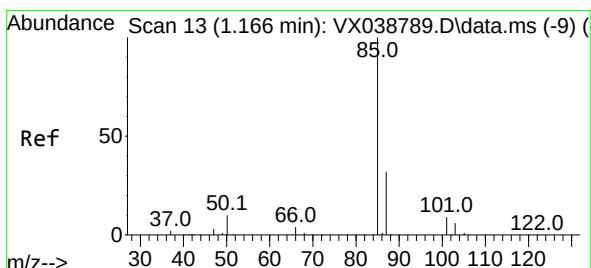
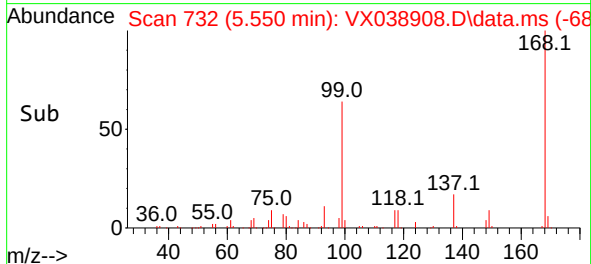
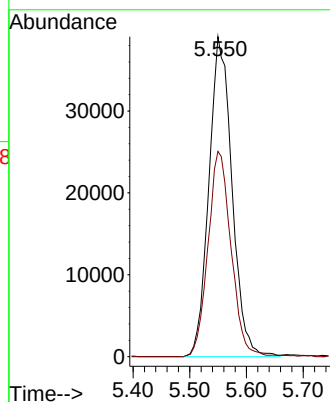
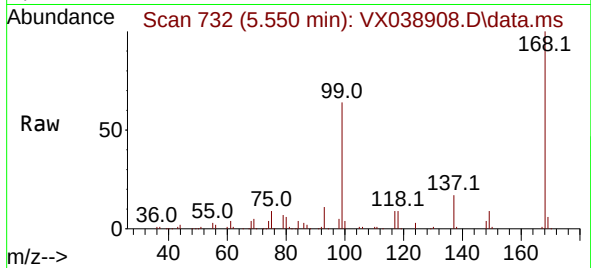




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038908.D
Acq: 18 Nov 2023 04:44

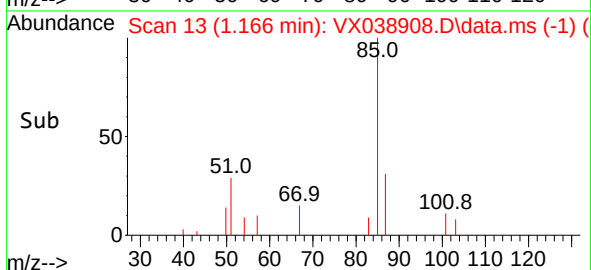
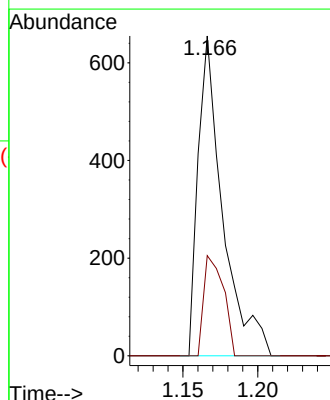
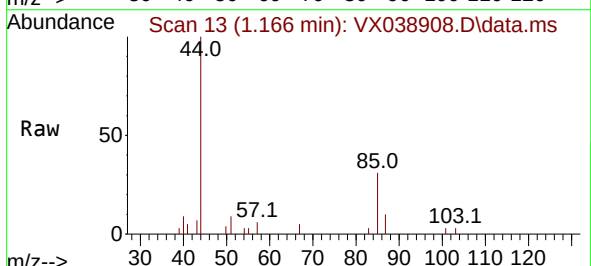
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109

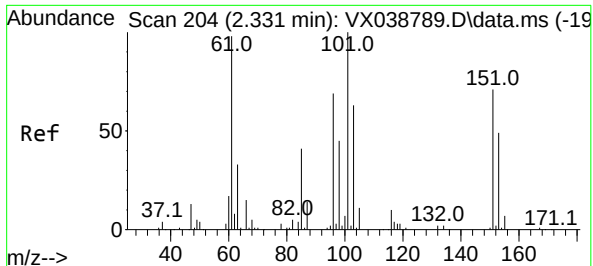
Tgt Ion:168 Resp: 110315
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.582 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038908.D
Acq: 18 Nov 2023 04:44

Tgt Ion: 85 Resp: 749
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.1

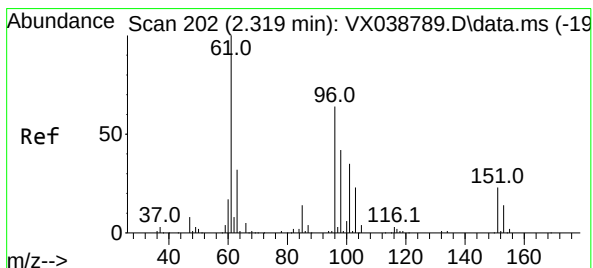
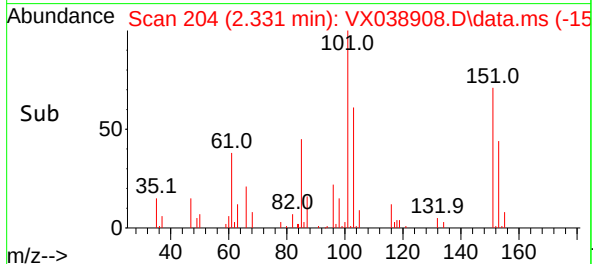
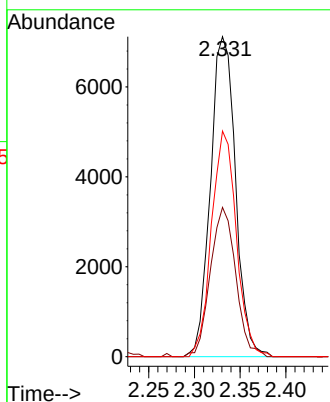
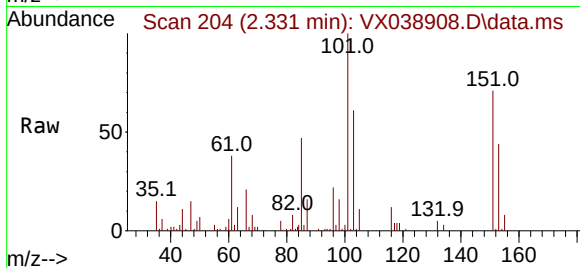




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.983 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX038908.D
 Acq: 18 Nov 2023 04:44

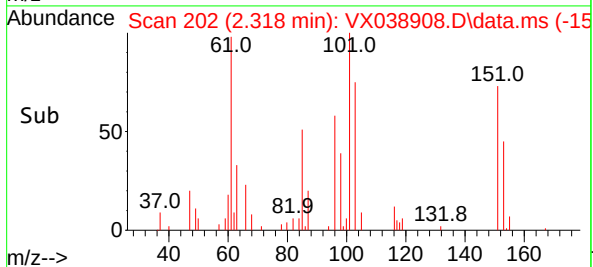
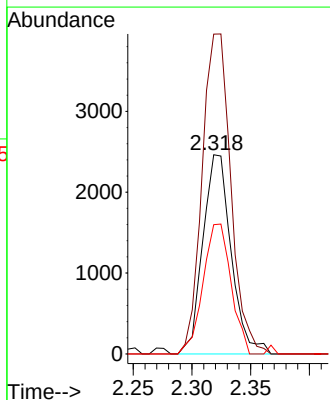
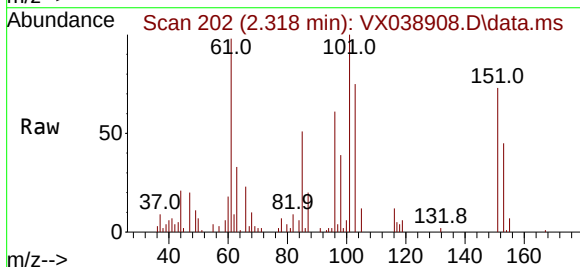
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20231109

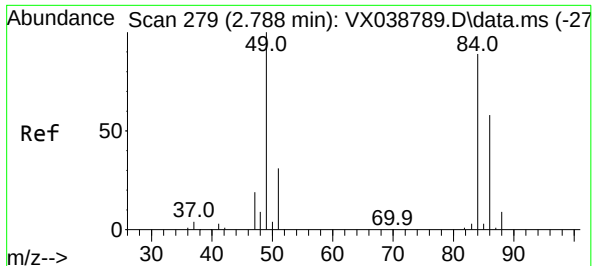
Tgt Ion:101 Resp: 13595
 Ion Ratio Lower Upper
 101 100
 85 47.1 37.0 55.6
 151 69.9 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 3.002 ug/l
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX038908.D
 Acq: 18 Nov 2023 04:44

Tgt Ion: 96 Resp: 4128
 Ion Ratio Lower Upper
 96 100
 61 160.6 144.6 216.8
 98 64.9 50.4 75.6



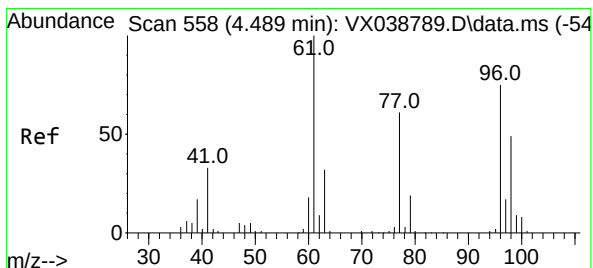
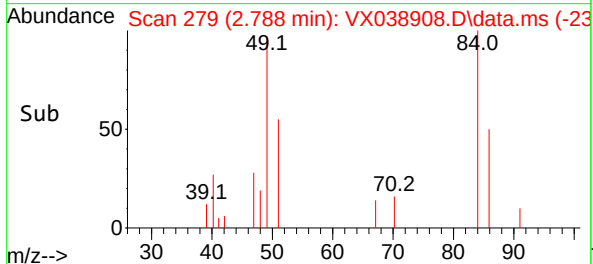
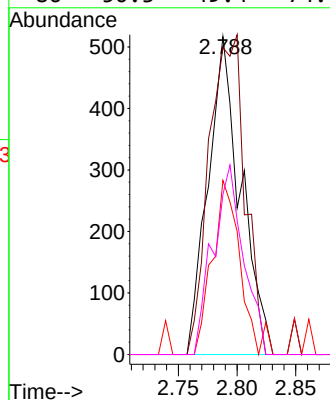
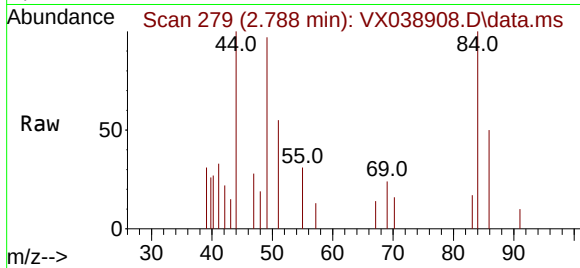


#20
Methylene Chloride
Concen: 0.589 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038908.D
Acq: 18 Nov 2023 04:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109

Tgt Ion: 84 Resp: 1004

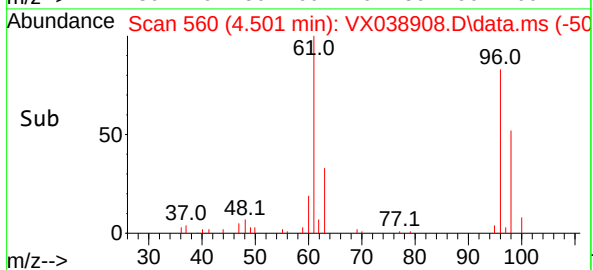
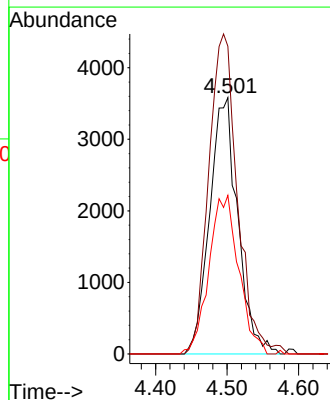
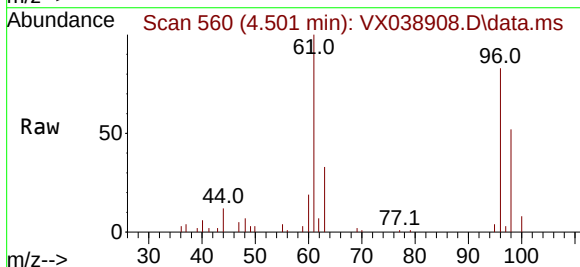
Ion	Ratio	Lower	Upper
84	100		
49	96.5	103.6	155.4#
51	54.7	33.8	50.6#
86	50.3	49.4	74.0

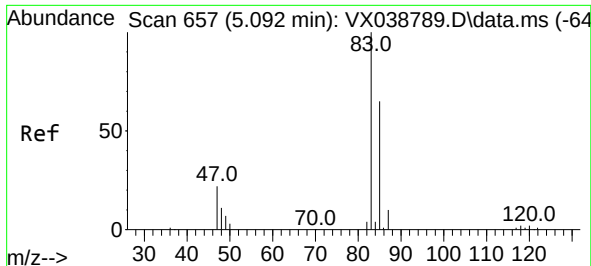


#27
cis-1,2-Dichloroethene
Concen: 5.542 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX038908.D
Acq: 18 Nov 2023 04:44

Tgt Ion: 96 Resp: 9800

Ion	Ratio	Lower	Upper
96	100		
61	127.4	0.0	312.2
98	65.5	0.0	129.0





#30

Chloroform

Concen: 0.575 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX038908.D

Acq: 18 Nov 2023 04:44

Instrument :

MSVOA_X

ClientSampleId :

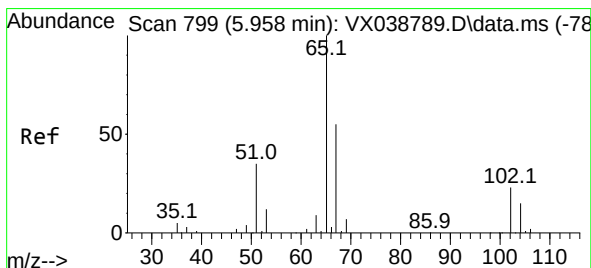
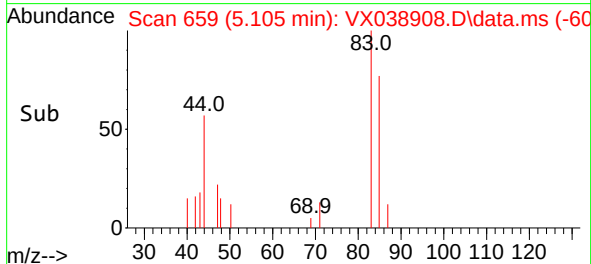
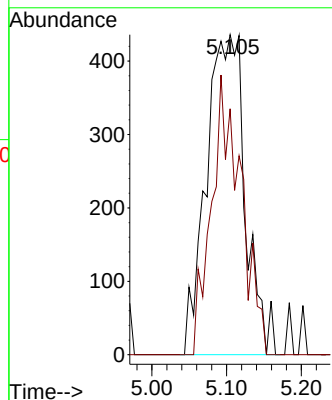
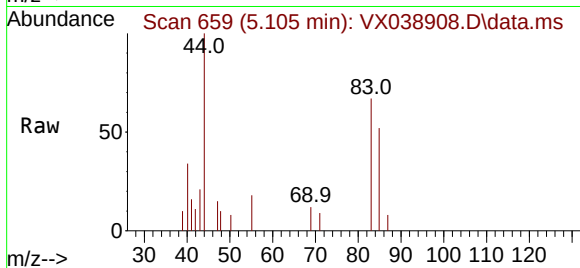
RE125D2-20231109

Tgt Ion: 83 Resp: 1585

Ion Ratio Lower Upper

83 100

85 76.8 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 49.012 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038908.D

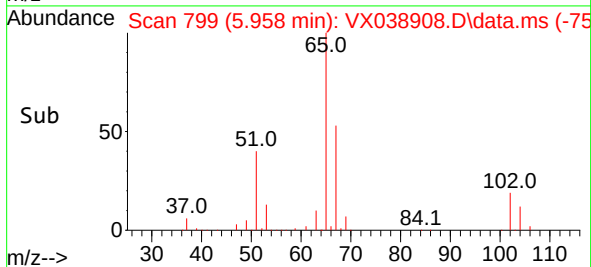
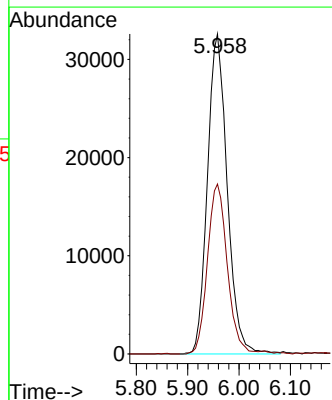
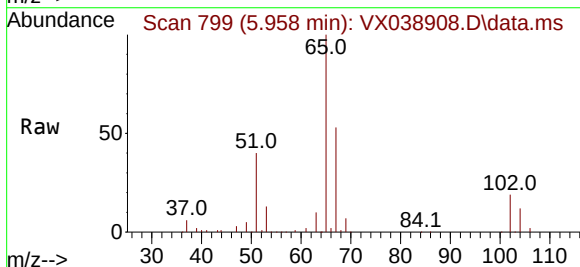
Acq: 18 Nov 2023 04:44

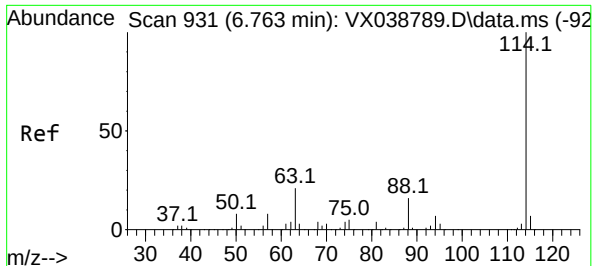
Tgt Ion: 65 Resp: 87121

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX038908.D

Acq: 18 Nov 2023 04:44

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20231109

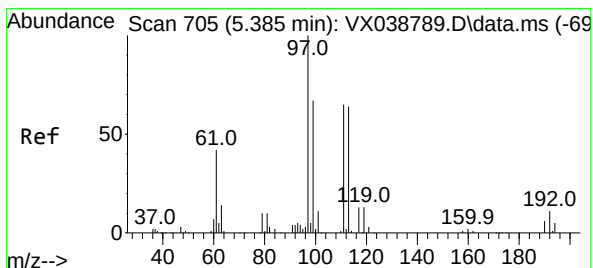
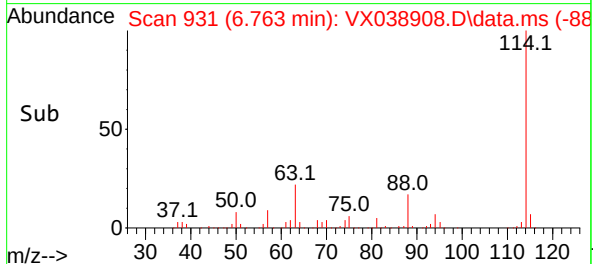
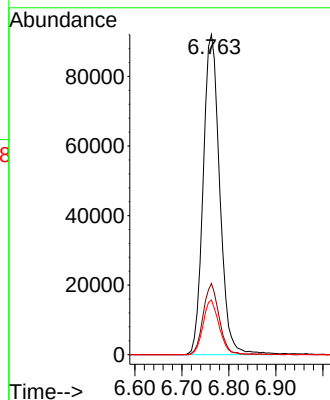
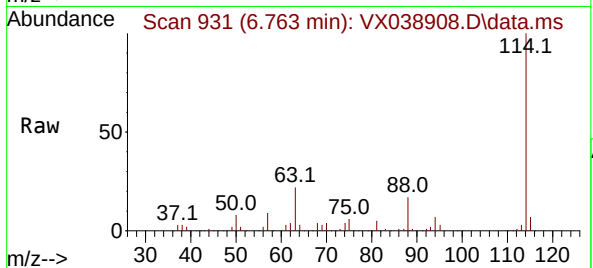
Tgt Ion:114 Resp: 224958

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 17.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.813 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038908.D

Acq: 18 Nov 2023 04:44

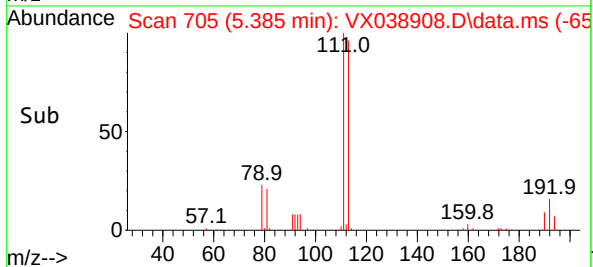
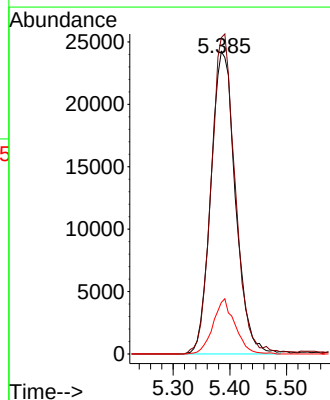
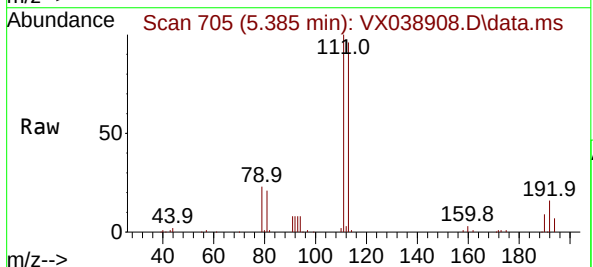
Tgt Ion:113 Resp: 72807

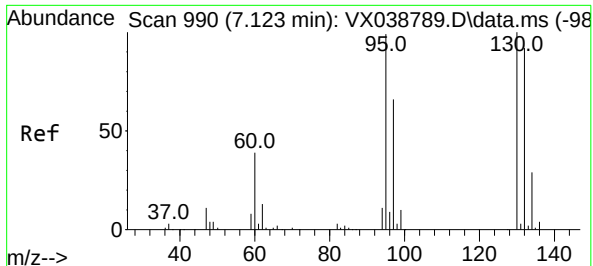
Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 16.3 13.3 19.9

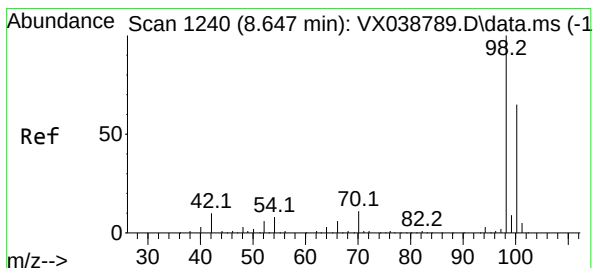
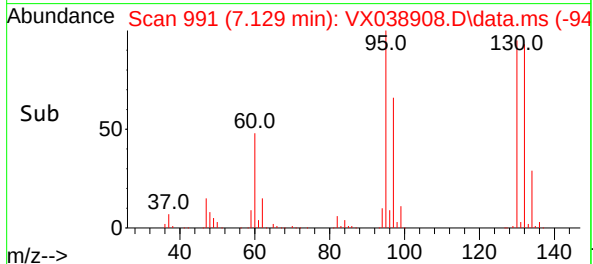
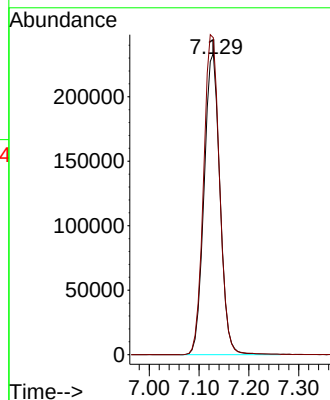
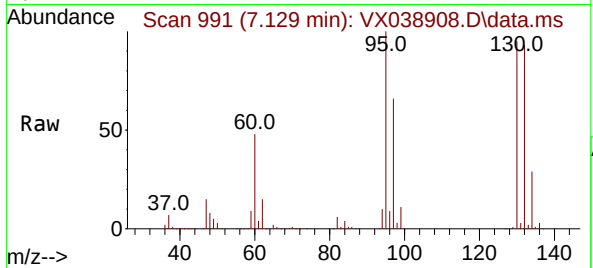




#44
Trichloroethene
Concen: 307.949 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038908.D
Acq: 18 Nov 2023 04:44

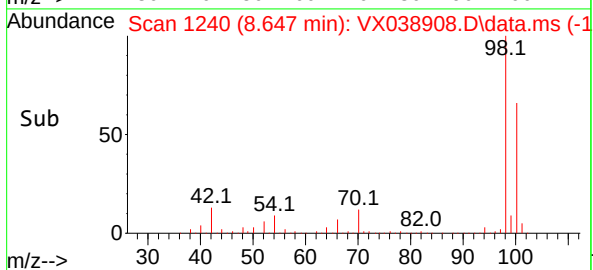
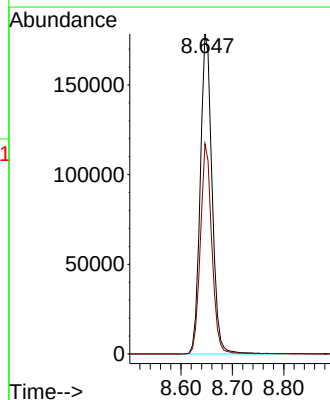
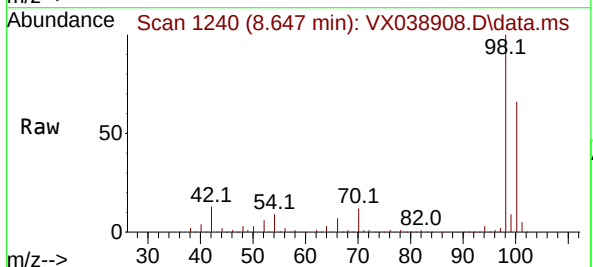
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109

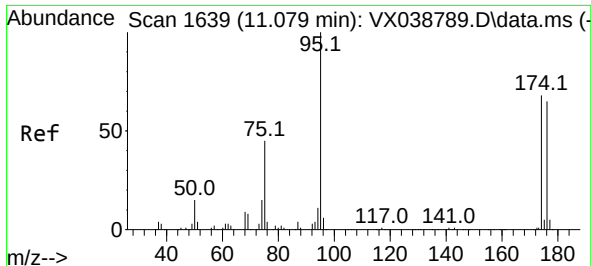
Tgt Ion:130 Resp: 516248
Ion Ratio Lower Upper
130 100
95 105.1 0.0 204.4



#50
Toluene-d8
Concen: 45.555 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038908.D
Acq: 18 Nov 2023 04:44

Tgt Ion: 98 Resp: 283181
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.764 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038908.D

Acq: 18 Nov 2023 04:44

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20231109

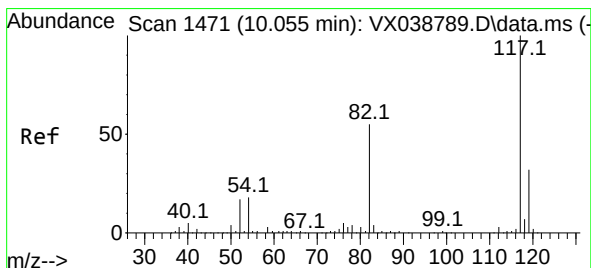
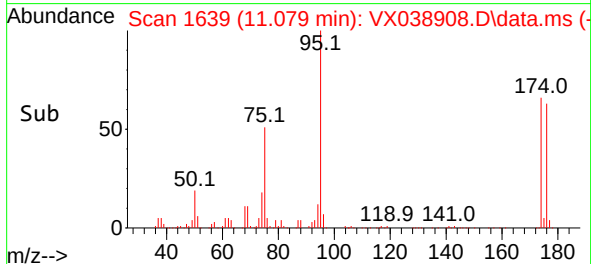
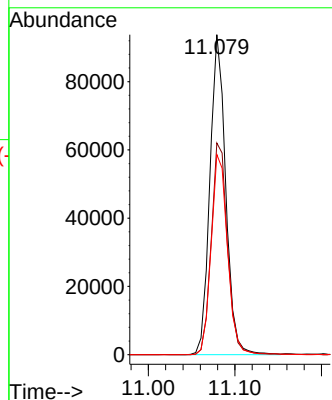
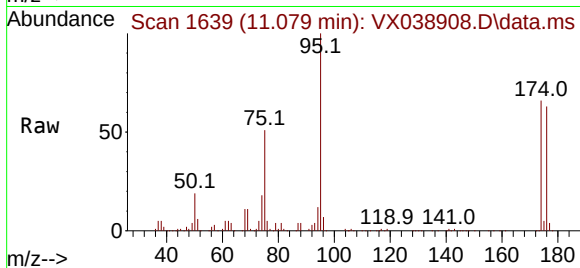
Tgt Ion: 95 Resp: 118856

Ion Ratio Lower Upper

95 100

174 68.3 0.0 135.6

176 64.9 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX038908.D

Acq: 18 Nov 2023 04:44

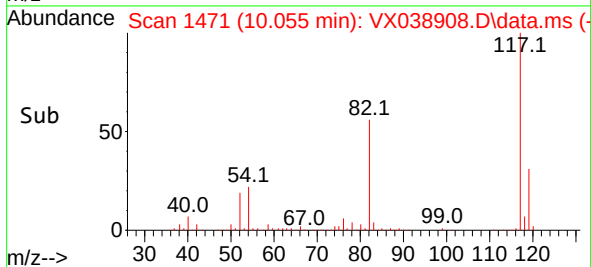
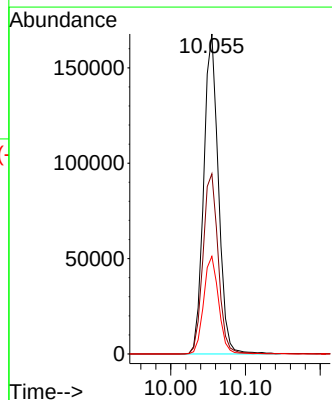
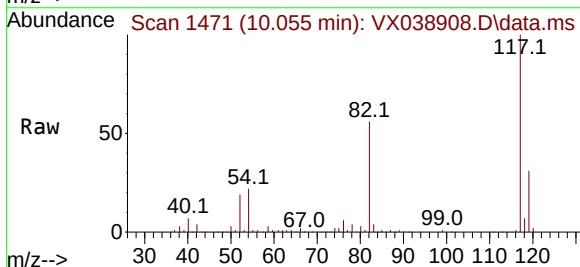
Tgt Ion: 117 Resp: 229066

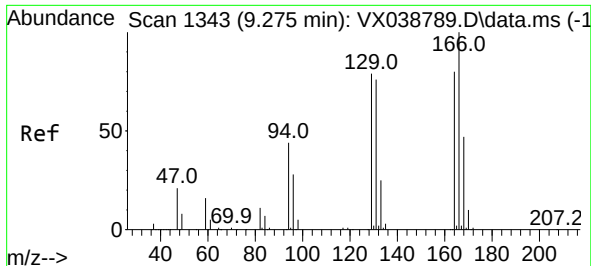
Ion Ratio Lower Upper

117 100

82 56.3 46.2 69.4

119 30.5 25.5 38.3



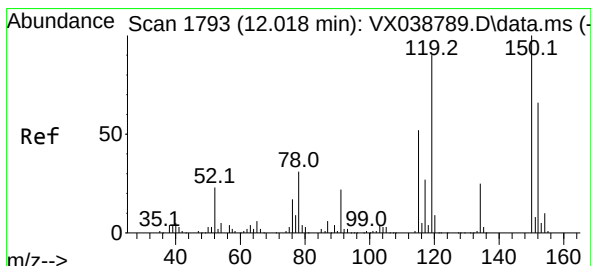
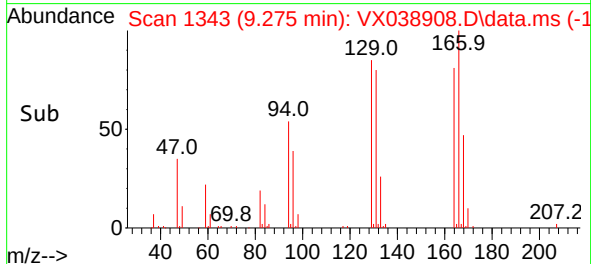
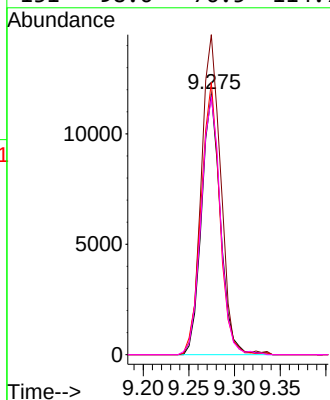
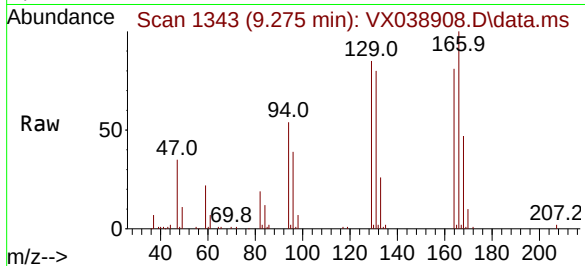


#64
Tetrachloroethene
Concen: 11.843 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038908.D
Acq: 18 Nov 2023 04:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109

Tgt Ion:164 Resp: 16862

Ion	Ratio	Lower	Upper
164	100		
166	122.8	102.7	154.1
129	104.5	80.4	120.6
131	98.6	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038908.D
Acq: 18 Nov 2023 04:44

Tgt Ion:152 Resp: 111690

Ion	Ratio	Lower	Upper
152	100		
115	66.3	43.3	129.9
150	159.1	0.0	345.0

