

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038941.D
 Acq On : 18 Nov 2023 20:09
 Operator : JC/MD
 Sample : 05404-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20231109

Quant Time: Nov 20 04:40:14 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)

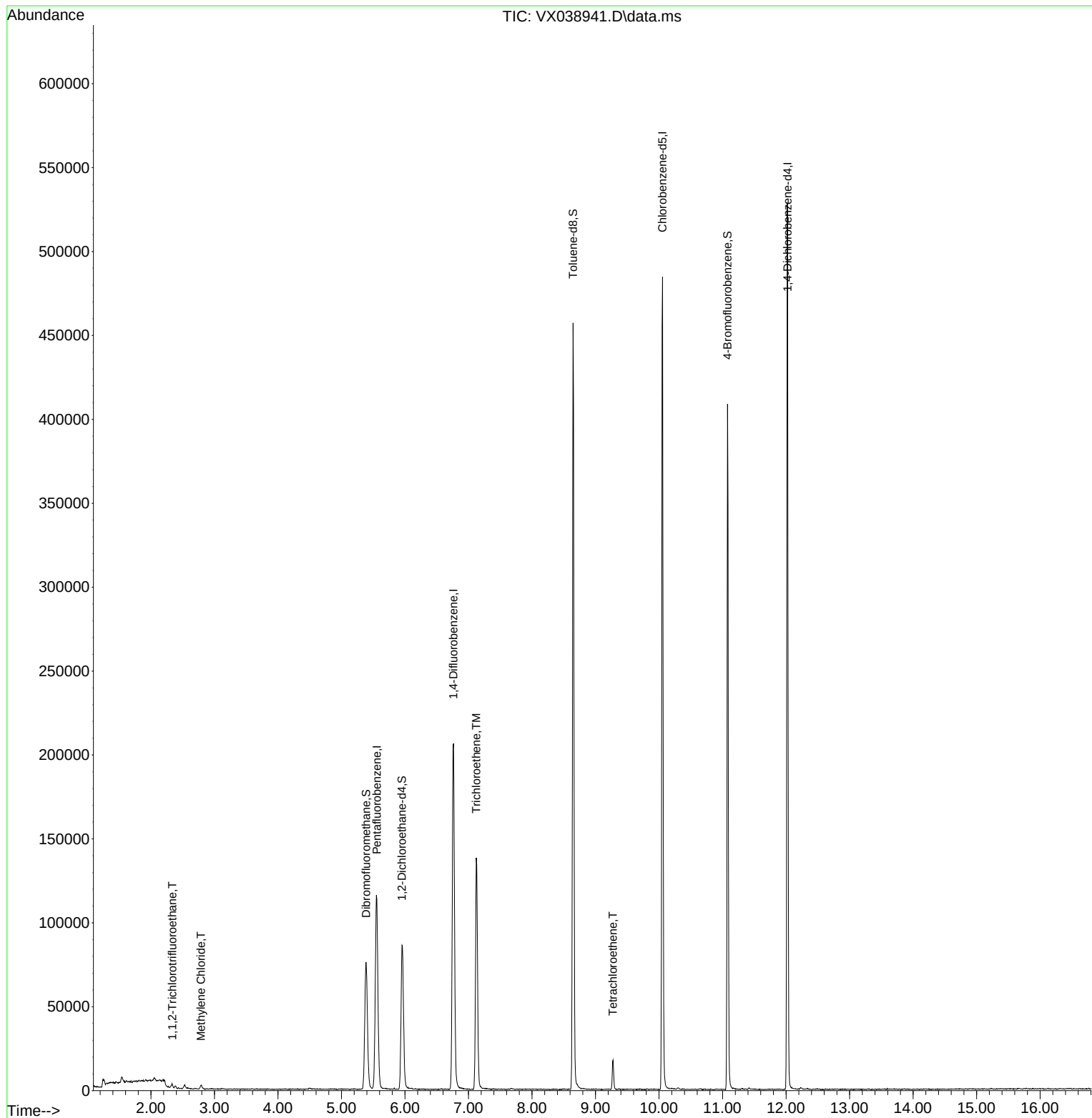
Internal Standards						
1) Pentafluorobenzene	5.556	168	103475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83560	50.116	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.240%
35) Dibromofluoromethane	5.385	113	67549	44.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.080%
50) Toluene-d8	8.647	98	269759	45.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.920%#
62) 4-Bromofluorobenzene	11.079	95	112868	48.042	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	884	0.692	ug/l #	93
20) Methylene Chloride	2.788	84	1020	0.637	ug/l	84
44) Trichloroethene	7.123	130	51844	32.756	ug/l	94
64) Tetrachloroethene	9.275	164	3032	2.284	ug/l	95

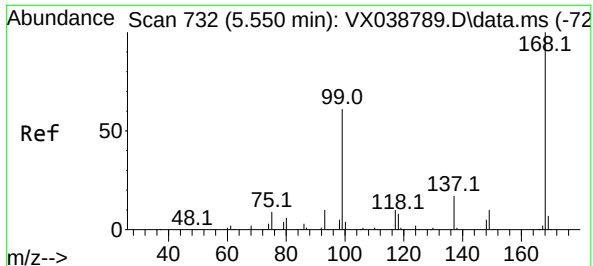
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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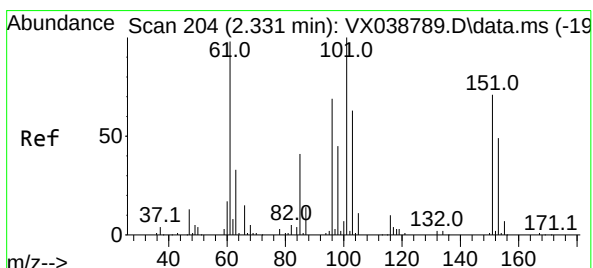
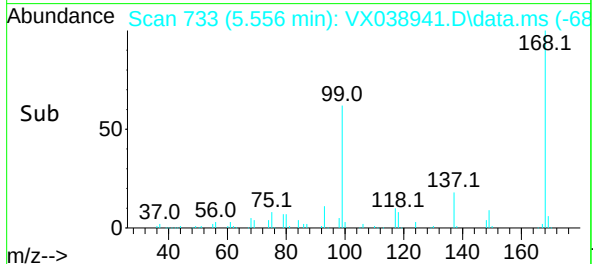
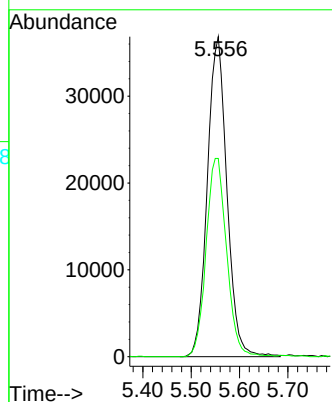
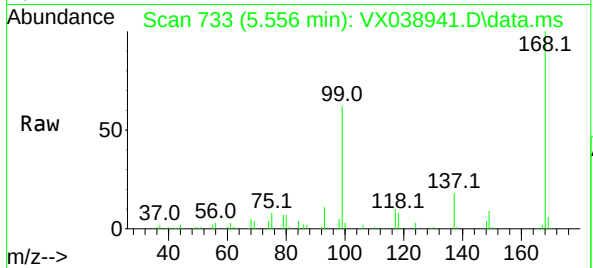




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

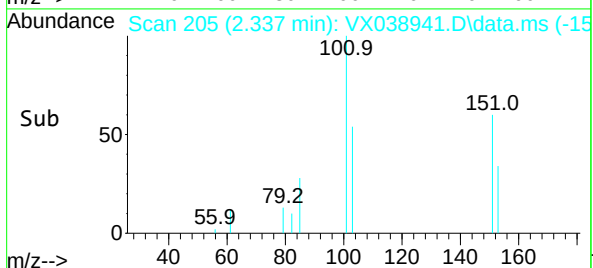
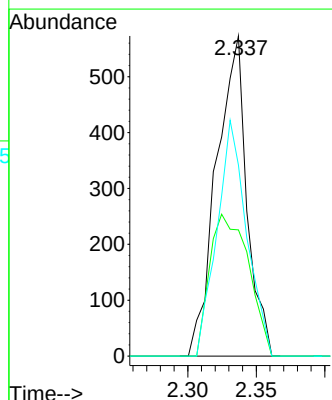
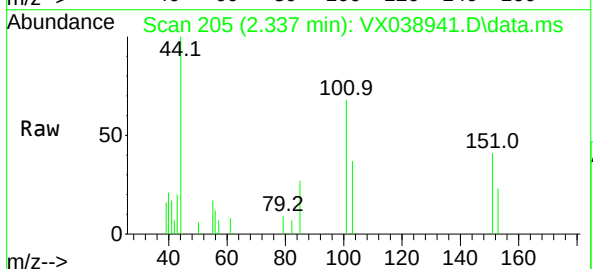
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

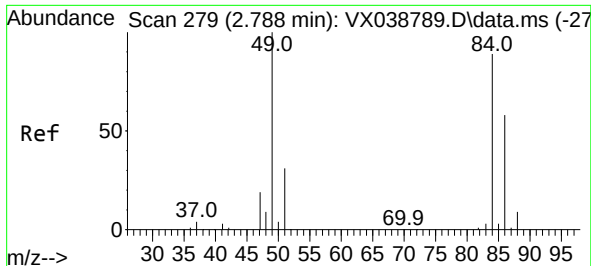
Tgt Ion:168 Resp: 103475
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.692 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion:101 Resp: 884
Ion Ratio Lower Upper
101 100
85 56.7 37.0 55.6#
151 71.9 58.6 87.8





#20

Methylene Chloride

Concen: 0.637 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038941.D

Acq: 18 Nov 2023 20:09

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20231109

Tgt Ion: 84 Resp: 1020

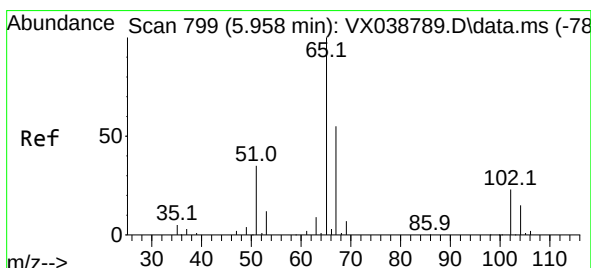
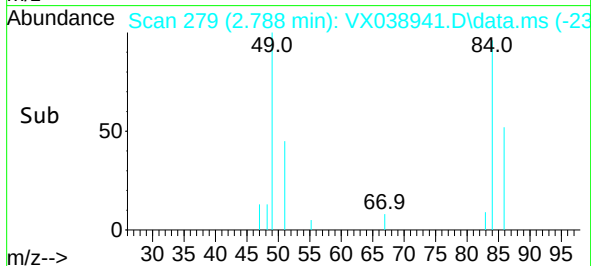
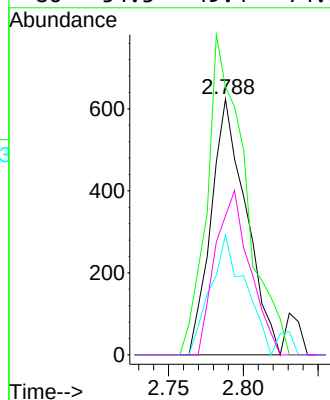
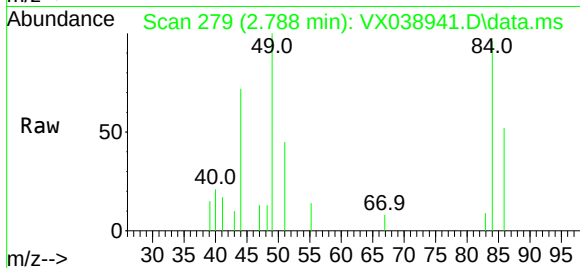
Ion Ratio Lower Upper

84 100

49 104.6 103.6 155.4

51 47.0 33.8 50.6

86 54.3 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 50.116 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038941.D

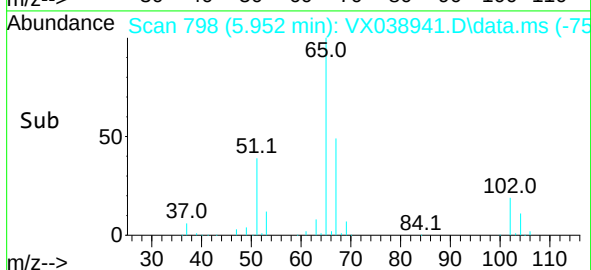
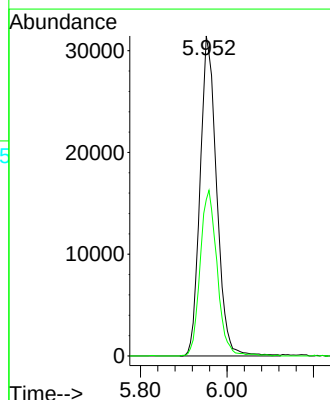
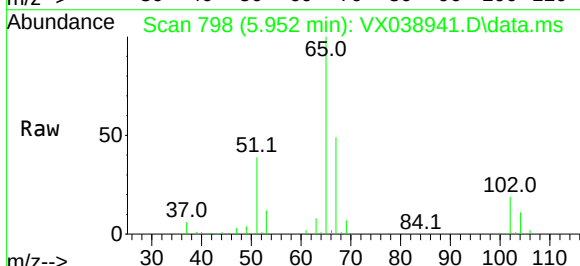
Acq: 18 Nov 2023 20:09

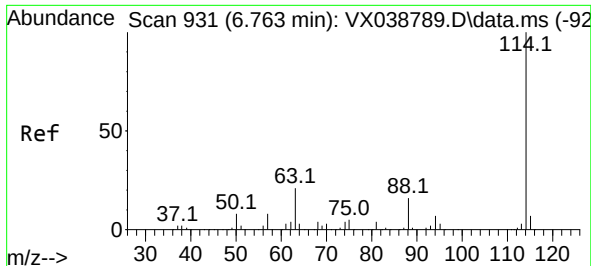
Tgt Ion: 65 Resp: 83560

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2

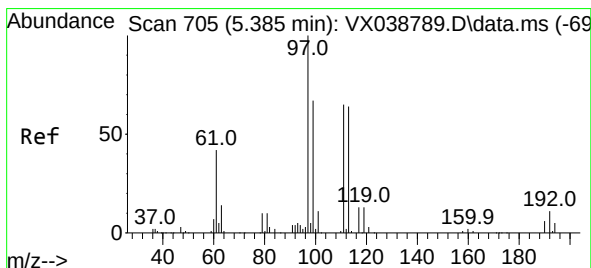
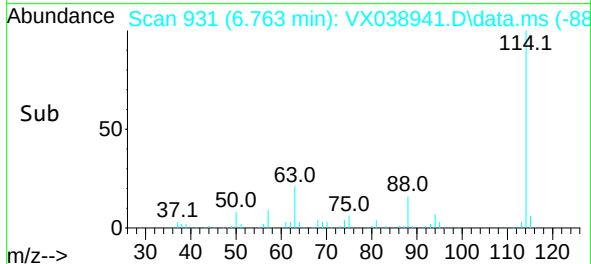
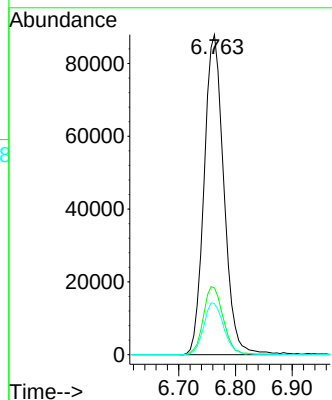
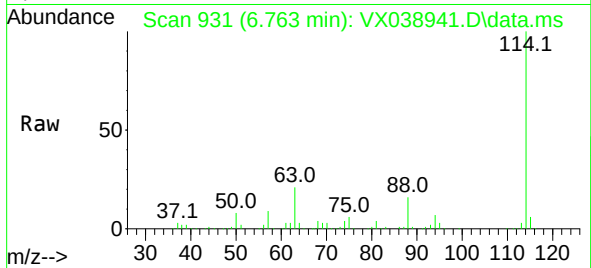




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

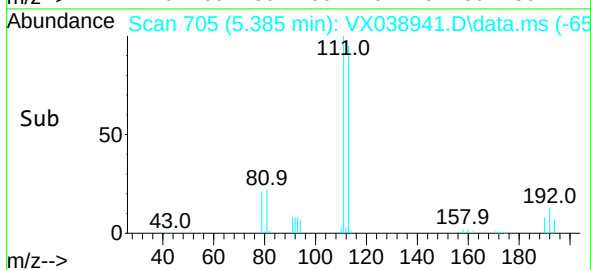
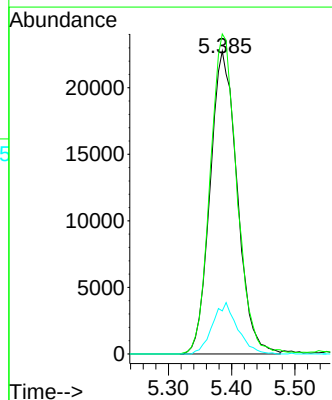
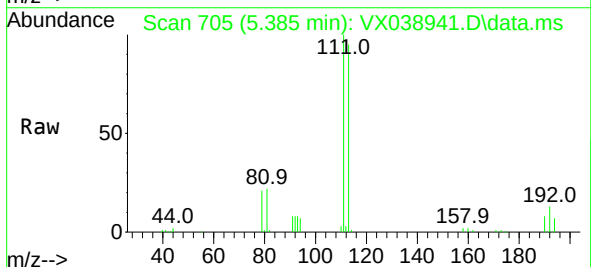
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

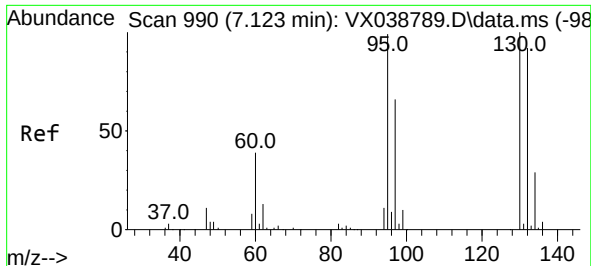
Tgt Ion:114 Resp: 212390
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion:113 Resp: 67549
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 15.7 13.3 19.9

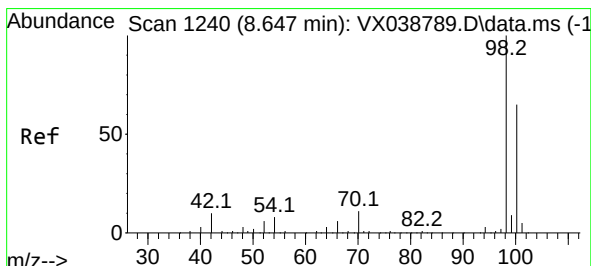
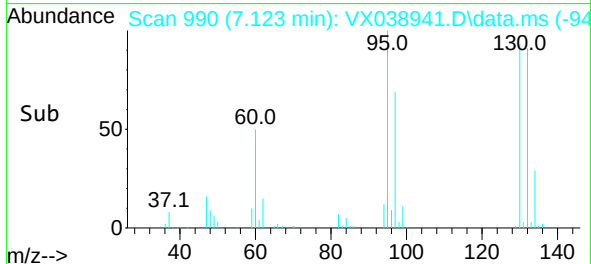
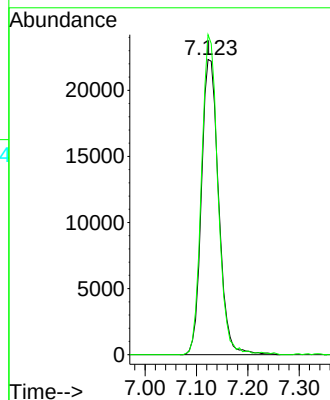
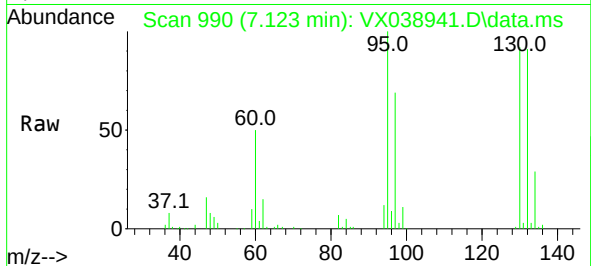




#44
Trichloroethene
Concen: 32.756 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

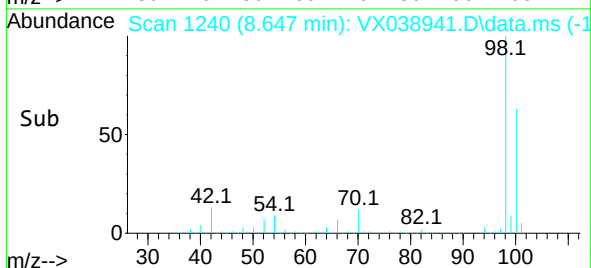
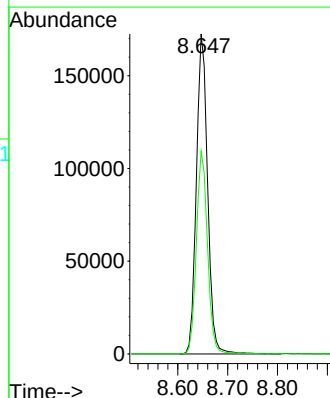
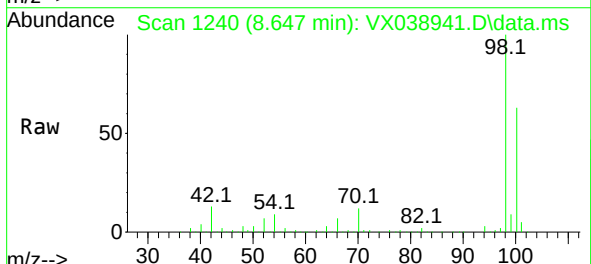
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

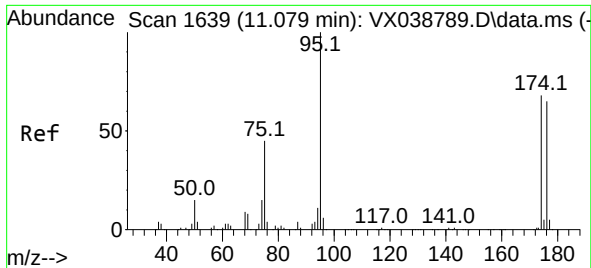
Tgt Ion:130 Resp: 51844
Ion Ratio Lower Upper
130 100
95 108.4 0.0 204.4



#50
Toluene-d8
Concen: 45.964 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion: 98 Resp: 269759
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

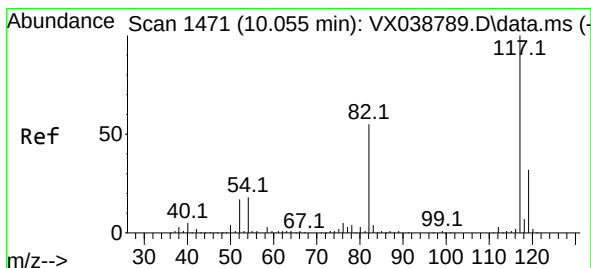
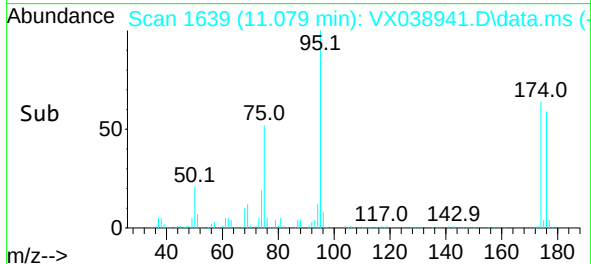
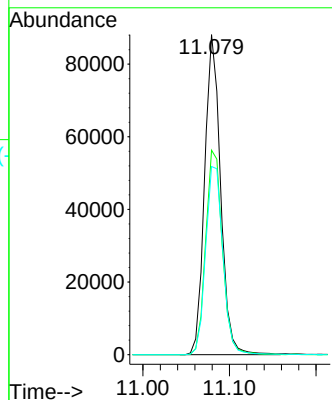
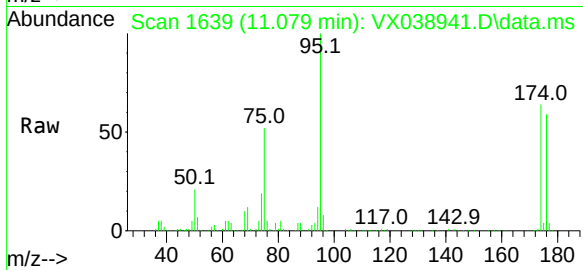




#62
4-Bromofluorobenzene
Concen: 48.042 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

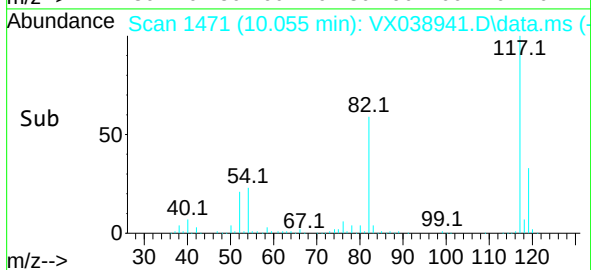
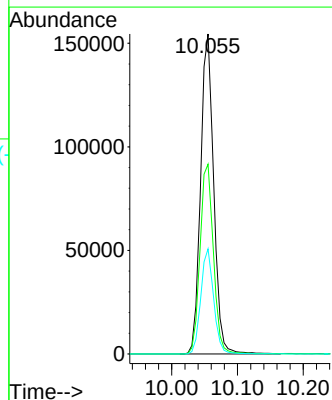
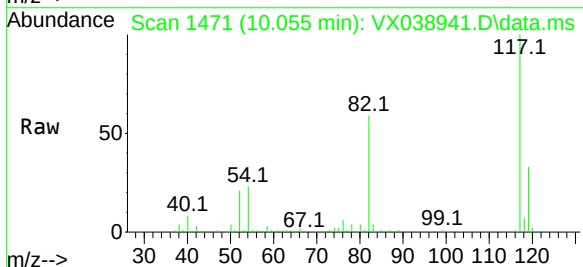
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109

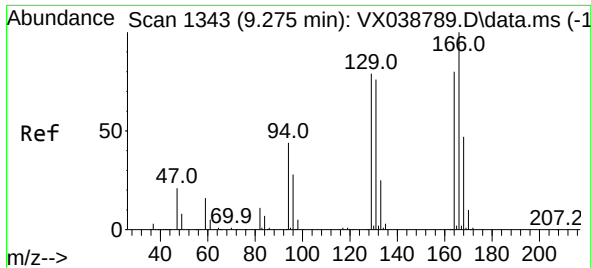
Tgt Ion: 95 Resp: 112868
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 63.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion: 117 Resp: 213608
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.8 25.5 38.3



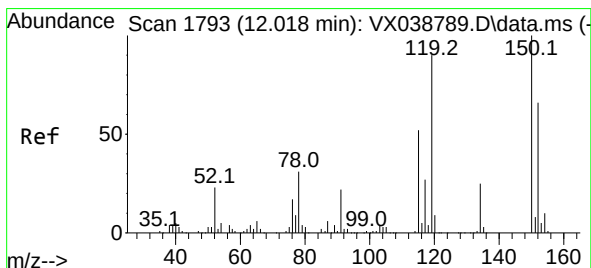
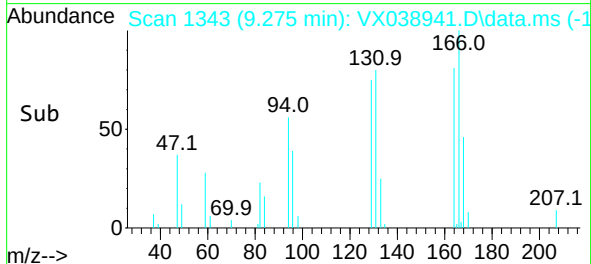
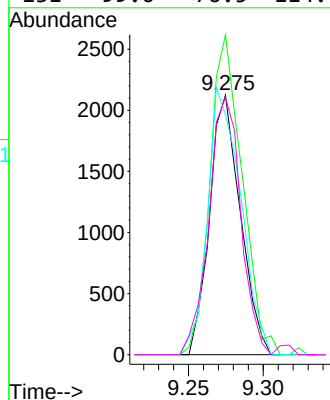
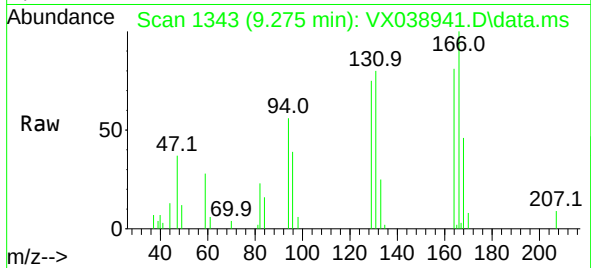


#64
Tetrachloroethene
Concen: 2.284 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038941.D
Acq: 18 Nov 2023 20:09

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 3032

Ion	Ratio	Lower	Upper
164	100		
166	123.3	102.7	154.1
129	92.5	80.4	120.6
131	99.0	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: VX038941.D
Acq: 18 Nov 2023 20:09

Tgt Ion:152 Resp: 103700

Ion	Ratio	Lower	Upper
152	100		
115	65.3	43.3	129.9
150	158.7	0.0	345.0

