

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038910.D
 Acq On : 18 Nov 2023 05:30
 Operator : JC/MD
 Sample : 05404-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20231109

Quant Time: Nov 20 00:33:20 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)

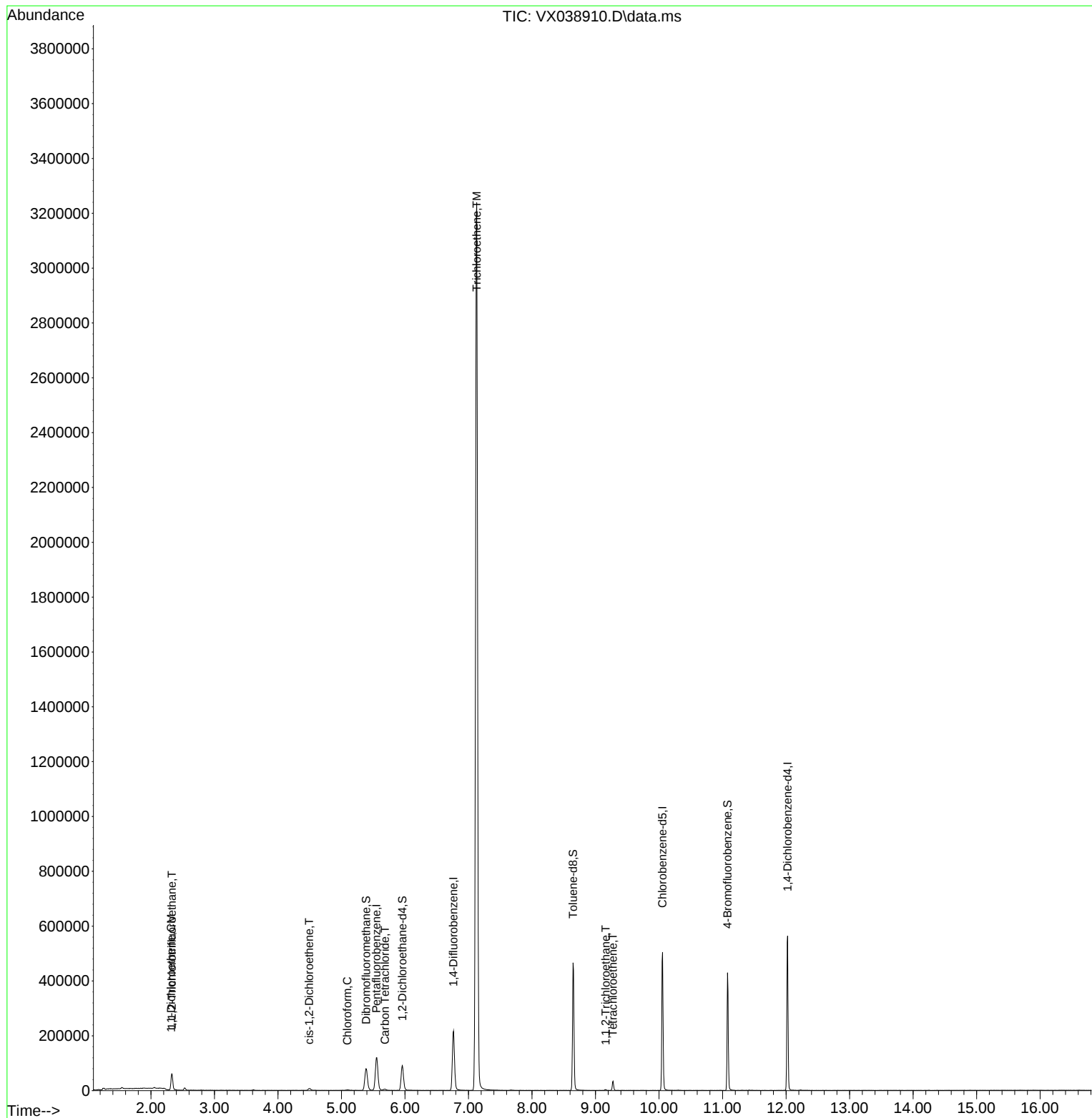
Internal Standards						
1) Pentafluorobenzene	5.550	168	109037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85362	48.585	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.160%
35) Dibromofluoromethane	5.385	113	71880	45.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.540%
50) Toluene-d8	8.647	98	277745	45.718	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.440%#
62) 4-Bromofluorobenzene	11.079	95	120116	49.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.780%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	19090	14.182	ug/l	96
12) 1,1-Dichloroethene	2.319	96	5771	4.246	ug/l #	86
27) cis-1,2-Dichloroethene	4.489	96	4551	2.604	ug/l	78
30) Chloroform	5.093	83	2392	0.878	ug/l	94
38) Carbon Tetrachloride	5.684	117	3155	1.500	ug/l #	77
44) Trichloroethene	7.129	130	1209322	738.121	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	931	0.534	ug/l #	75
64) Tetrachloroethene	9.275	164	5880	4.150	ug/l	95

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

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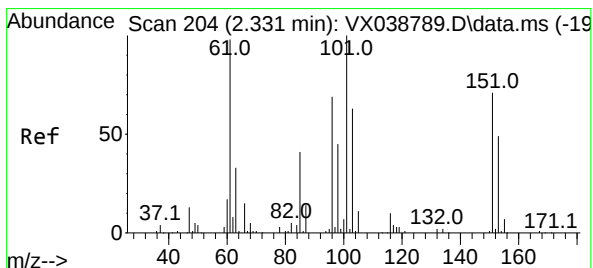
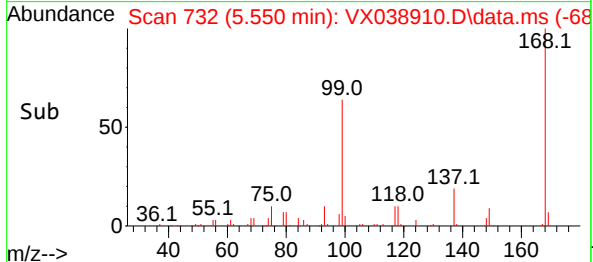
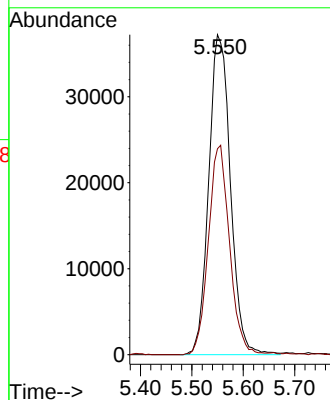
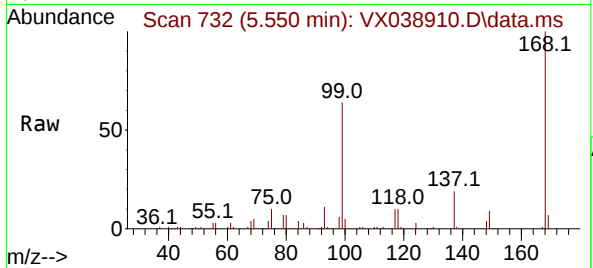




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

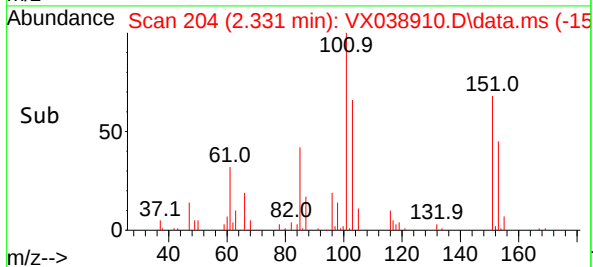
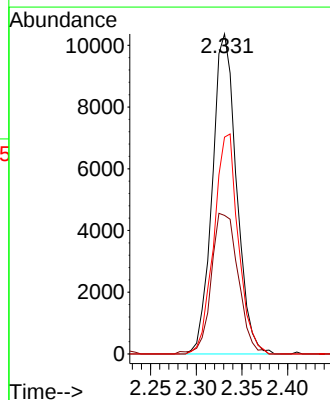
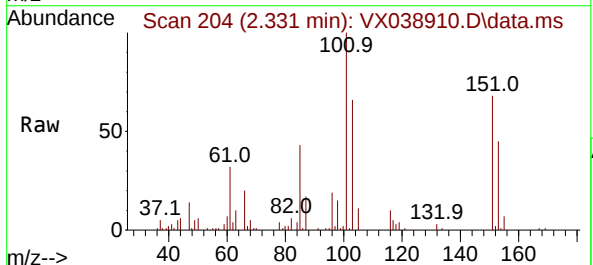
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109

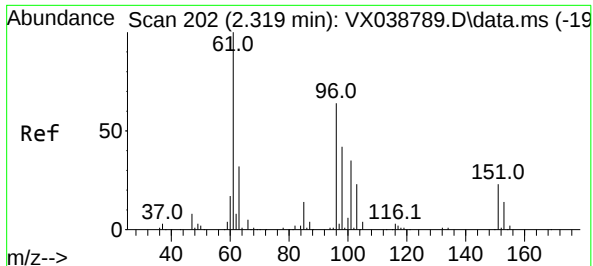
Tgt Ion:168 Resp: 109037
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.182 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

Tgt Ion:101 Resp: 19090
Ion Ratio Lower Upper
101 100
85 48.7 37.0 55.6
151 69.5 58.6 87.8





#12

1,1-Dichloroethene

Concen: 4.246 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX038910.D

Acq: 18 Nov 2023 05:30

Instrument :

MSVOA_X

ClientSampleId :

RE137-20231109

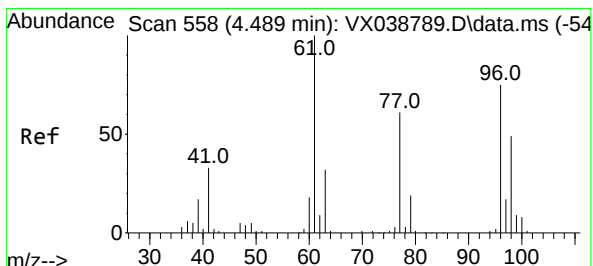
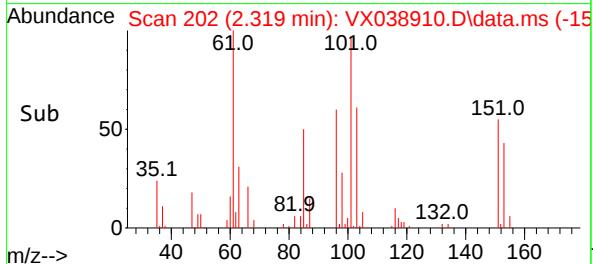
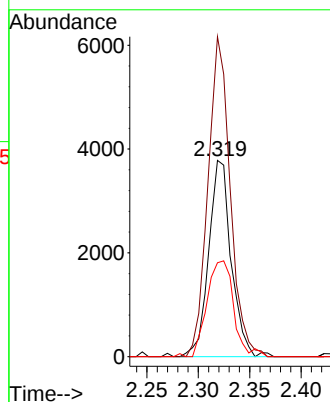
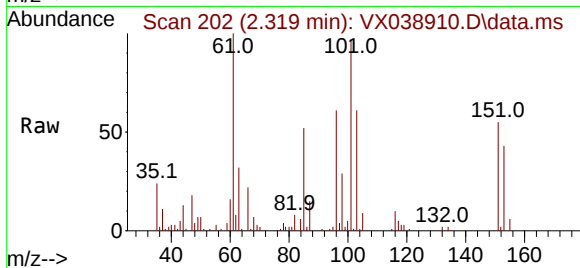
Tgt Ion: 96 Resp: 5771

Ion Ratio Lower Upper

96 100

61 163.0 144.6 216.8

98 47.8 50.4 75.6#



#27

cis-1,2-Dichloroethene

Concen: 2.604 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038910.D

Acq: 18 Nov 2023 05:30

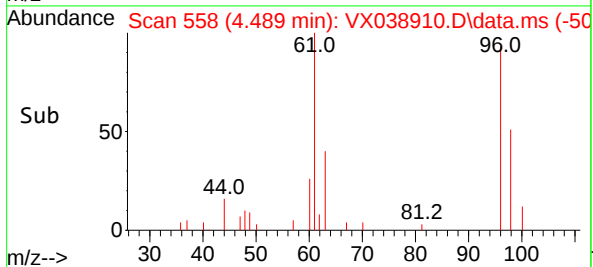
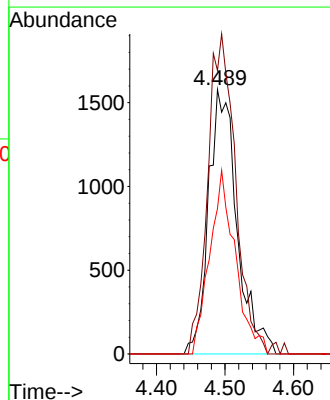
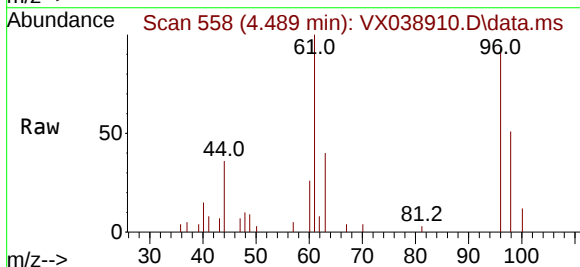
Tgt Ion: 96 Resp: 4551

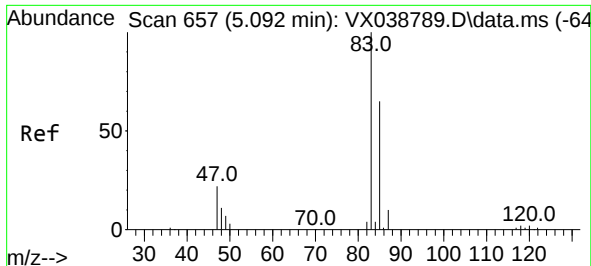
Ion Ratio Lower Upper

96 100

61 117.8 0.0 312.2

98 62.7 0.0 129.0

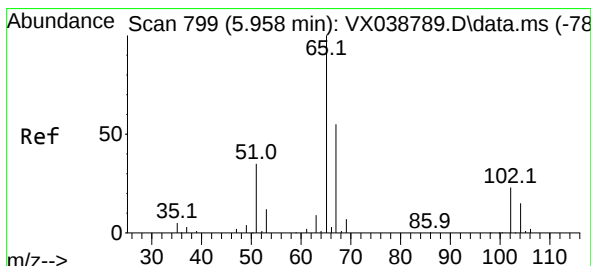
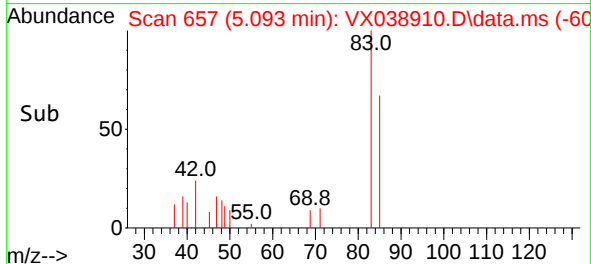
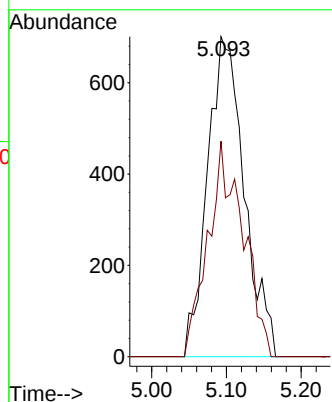
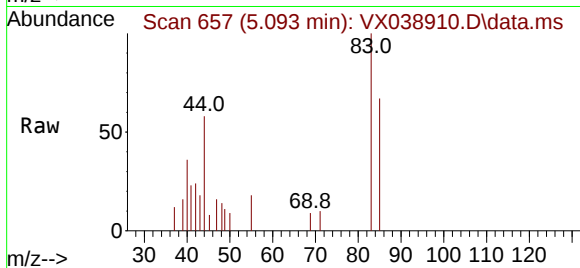




#30
Chloroform
Concen: 0.878 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

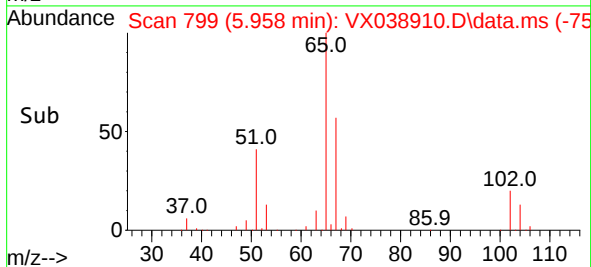
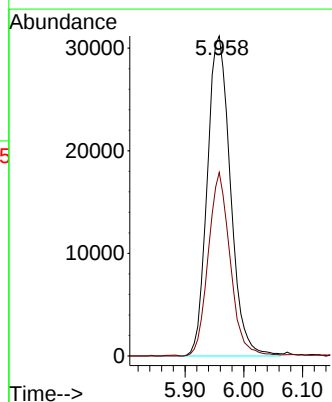
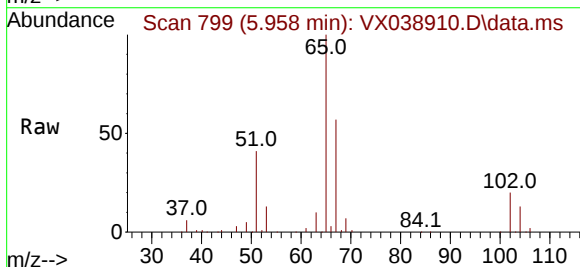
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MSVOA_X
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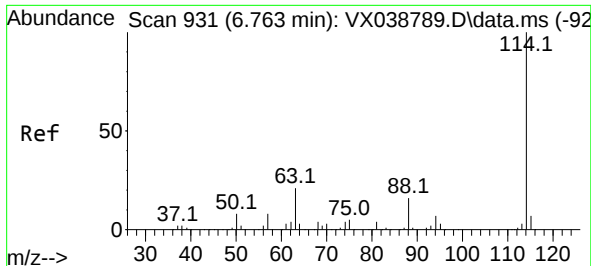
Tgt Ion: 83 Resp: 2392
Ion Ratio Lower Upper
83 100
85 67.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.585 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

Tgt Ion: 65 Resp: 85362
Ion Ratio Lower Upper
65 100
67 54.3 0.0 100.2

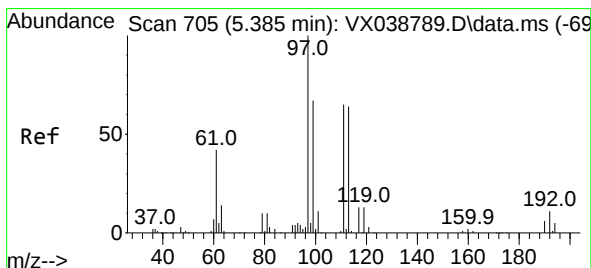
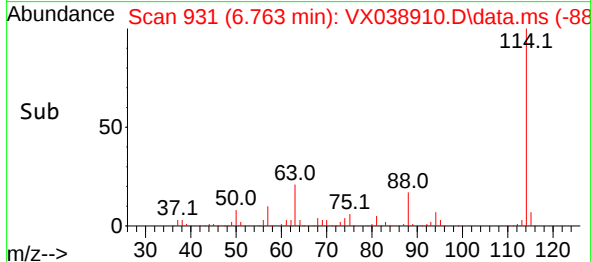
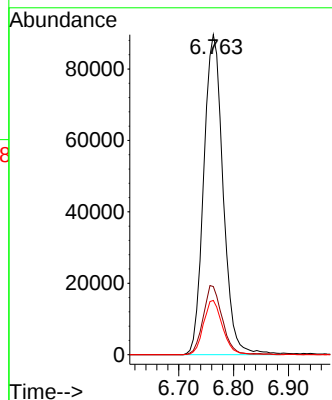
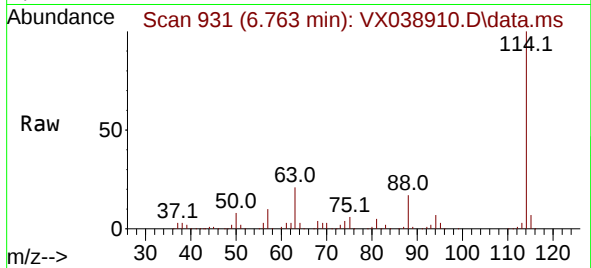




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

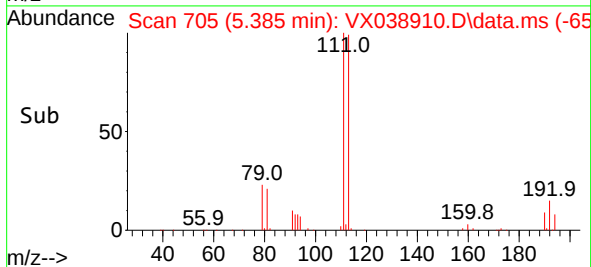
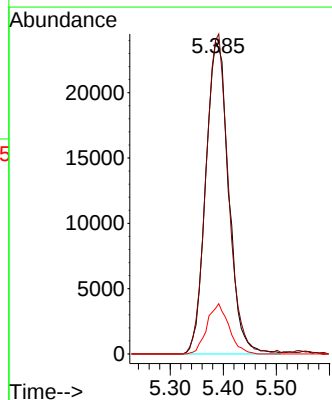
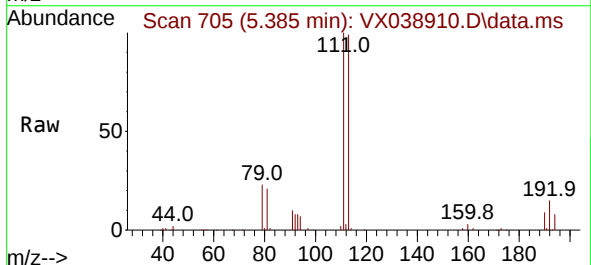
Instrument :
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ClientSampleId :
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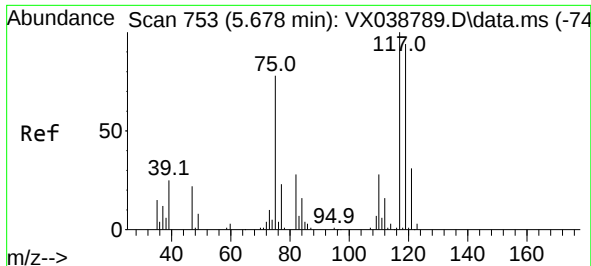
Tgt Ion:114 Resp: 219855
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.269 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

Tgt Ion:113 Resp: 71880
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 15.3 13.3 19.9

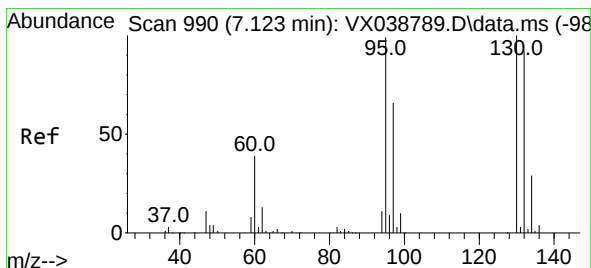
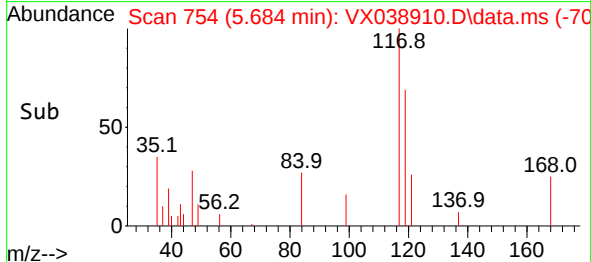
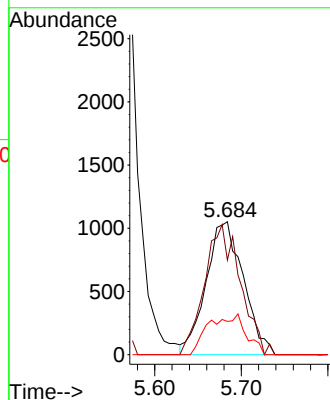
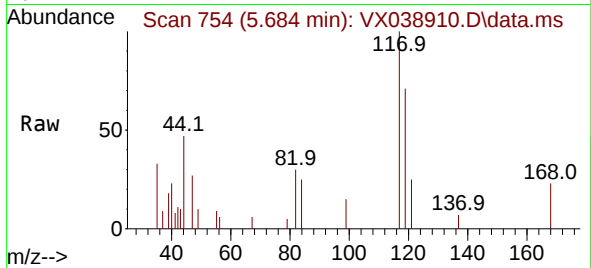




#38
Carbon Tetrachloride
Concen: 1.500 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

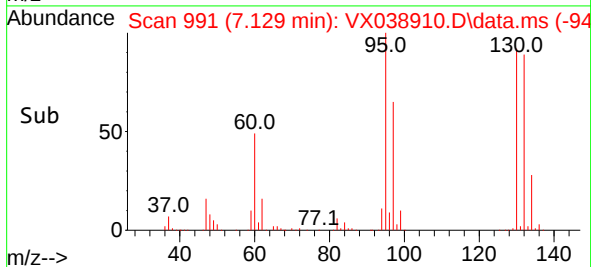
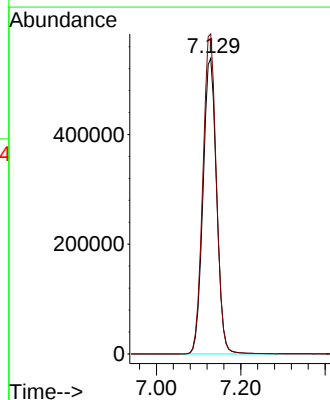
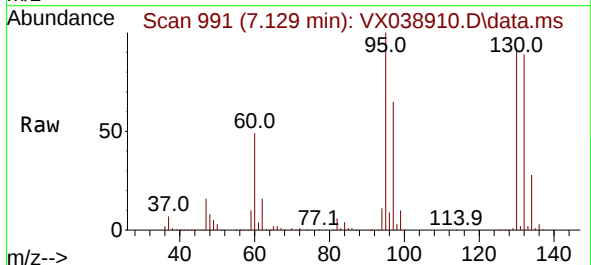
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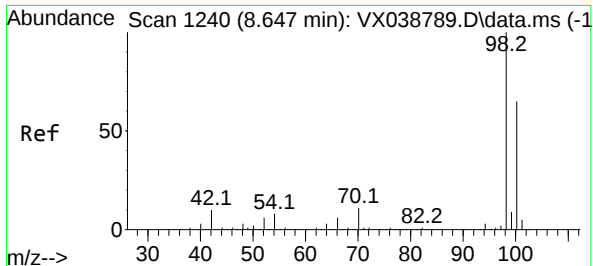
Tgt Ion:117 Resp: 3155
Ion Ratio Lower Upper
117 100
119 71.1 78.2 117.2#
121 25.0 24.4 36.6



#44
Trichloroethene
Concen: 738.121 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

Tgt Ion:130 Resp: 1209322
Ion Ratio Lower Upper
130 100
95 108.2 0.0 204.4

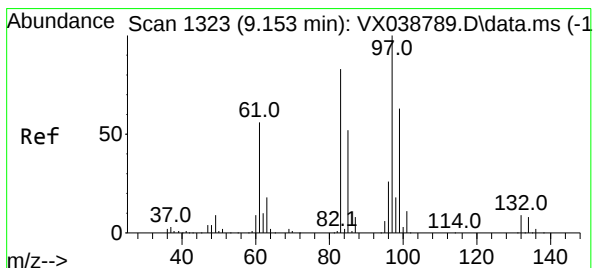
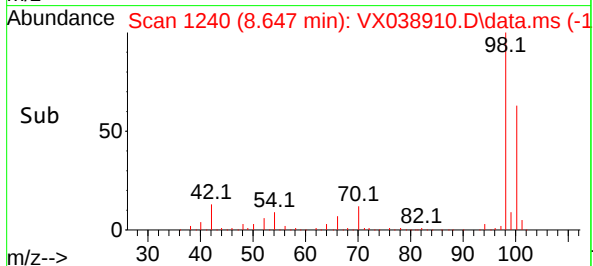
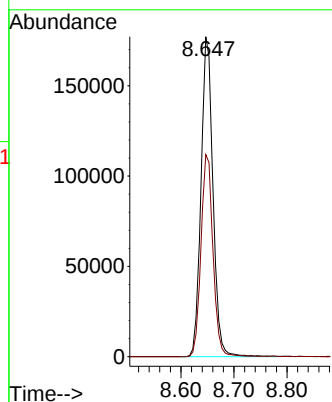
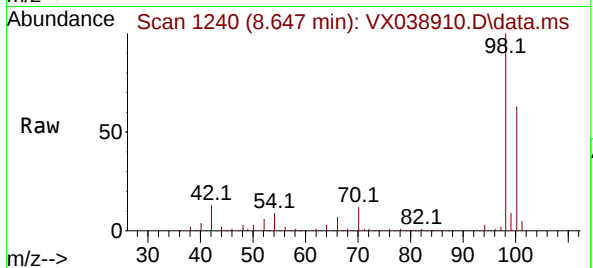




#50
Toluene-d8
Concen: 45.718 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

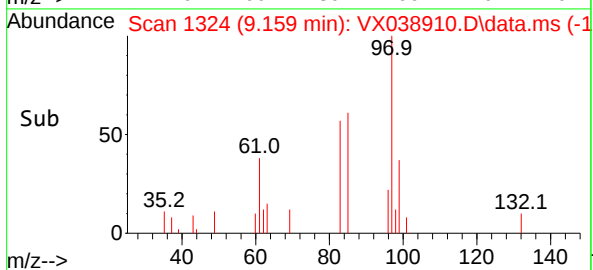
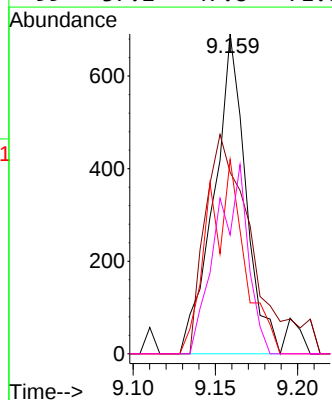
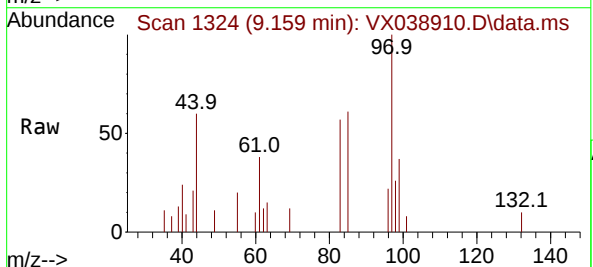
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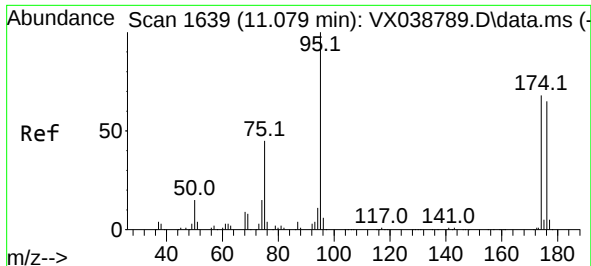
Tgt Ion: 98 Resp: 277745
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.534 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

Tgt Ion: 97 Resp: 931
Ion Ratio Lower Upper
97 100
83 56.7 65.8 98.8#
85 60.8 41.6 62.4
99 37.2 47.8 71.8#

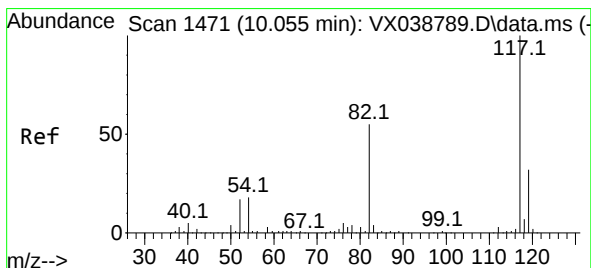
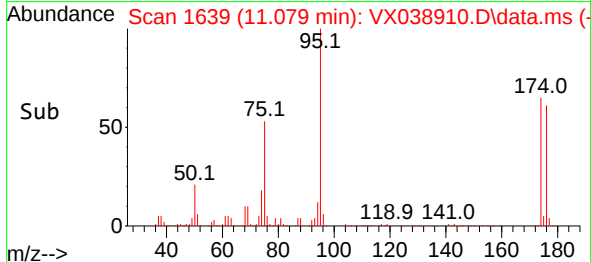
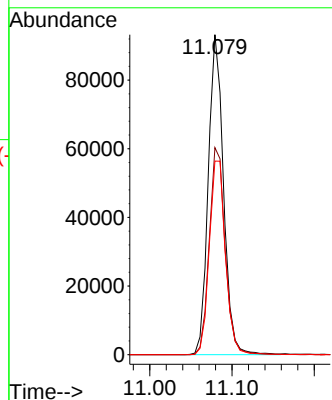
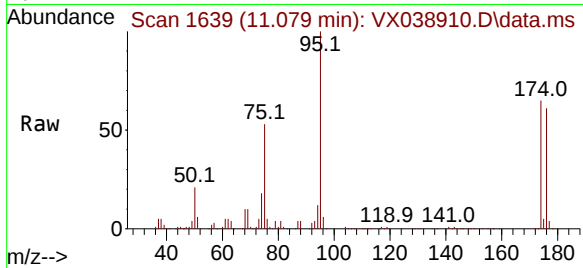




#62
4-Bromofluorobenzene
Concen: 49.391 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

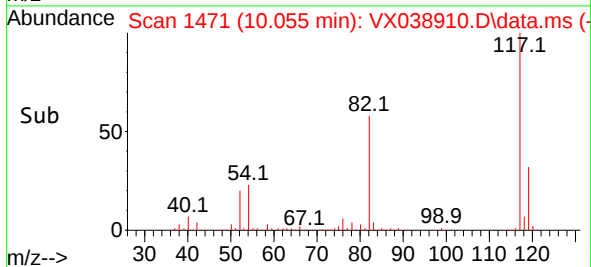
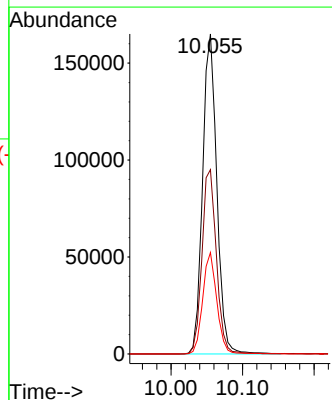
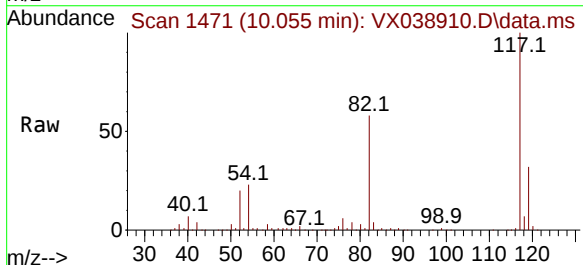
Instrument :
MSVOA_X
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RE137-20231109

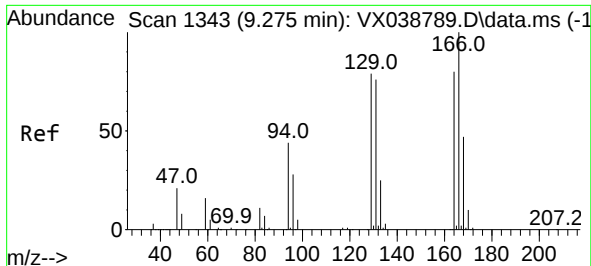
Tgt Ion: 95 Resp: 120116
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 64.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

Tgt Ion: 117 Resp: 227942
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.7 25.5 38.3



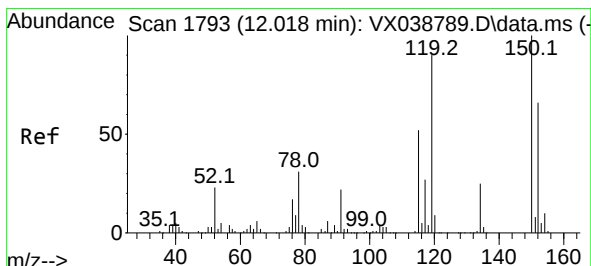
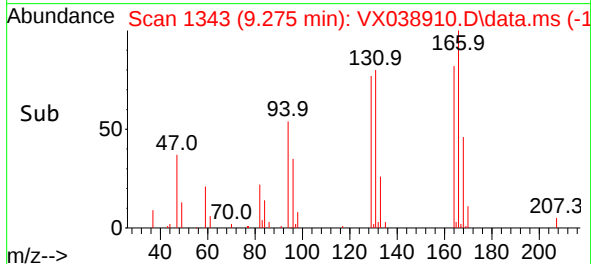
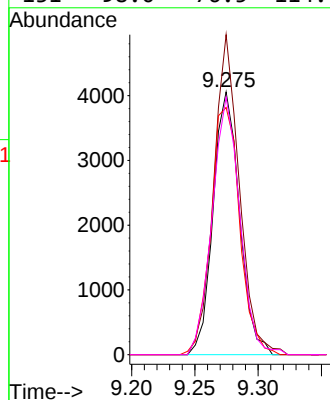
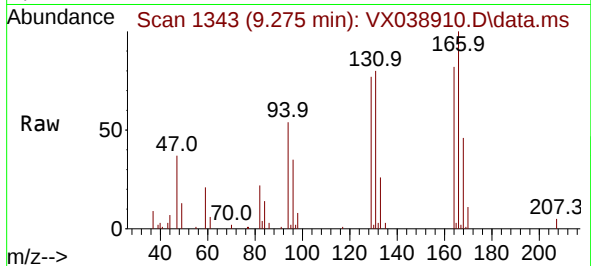


#64
Tetrachloroethene
Concen: 4.150 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038910.D
Acq: 18 Nov 2023 05:30

Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109

Tgt Ion:164 Resp: 5880

Ion	Ratio	Lower	Upper
164	100		
166	121.8	102.7	154.1
129	94.1	80.4	120.6
131	98.0	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: VX038910.D
Acq: 18 Nov 2023 05:30

Tgt Ion:152 Resp: 112986

Ion	Ratio	Lower	Upper
152	100		
115	64.9	43.3	129.9
150	157.2	0.0	345.0

