

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038210.D
 Acq On : 20 Nov 2024 13:07
 Operator : SY/MD
 Sample : P4882-14DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J1DL

Quant Time: Nov 21 01:48:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

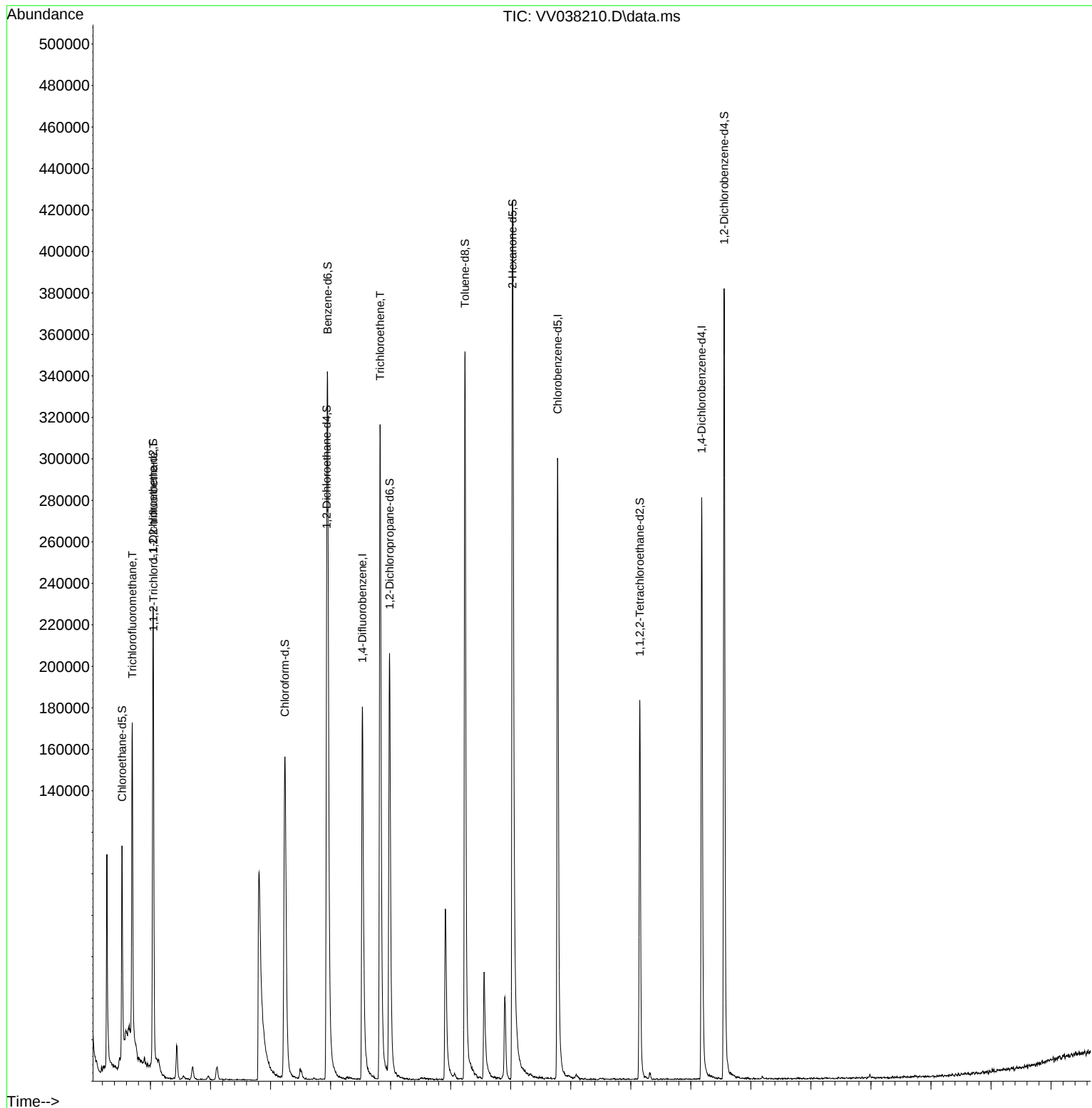
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	178178	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	186830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	80976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	76380	5.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 111.800%	
7) Chloroethane-d5	1.526	69	68762	6.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 124.400%	
11) 1,1-Dichloroethene-d2	2.043	65	35666	6.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 121.400%	
20) 2-Butanone-d5	3.809	46	215467	78.867	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 157.740%#	
24) Chloroform-d	4.236	84	183736	6.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 138.600%#	
26) 1,2-Dichloroethane-d4	4.934	65	88215	7.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 148.400%#	
32) Benzene-d6	4.950	84	324257	6.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 134.400%#	
36) 1,2-Dichloropropane-d6	5.982	67	109453	7.366	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 147.400%#	
41) Toluene-d8	7.239	98	263365	5.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 117.800%	
43) trans-1,3-Dichloroprop...	7.558	79	39048	7.069	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 141.400%#	
46) 2-Hexanone-d5	8.030	63	185332	86.306	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 172.620%#	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	94221	7.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 149.400%#	
66) 1,2-Dichlorobenzene-d4	11.554	152	107095	7.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 155.200%#	
Target Compounds						Qvalue
6) Bromomethane	1.484	94	1142	0.178	ug/L	97
9) Trichlorofluoromethane	1.696	101	84128	3.594	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2594	0.194	ug/L #	61
16) Methylene chloride	2.439	84	6702	0.462	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	6041	0.210	ug/L	99
19) 1,1-Dichloroethane	3.108	63	7357	0.302	ug/L	92
22) cis-1,2-Dichloroethene	3.809	96	11744	0.847	ug/L	93
34) Trichloroethene	5.825	95	120966	8.456	ug/L	98
47) Tetrachloroethene	7.898	164	10804	0.940	ug/L	97

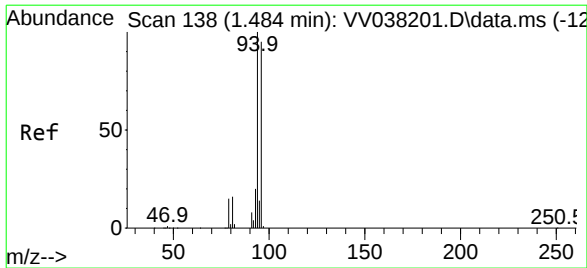
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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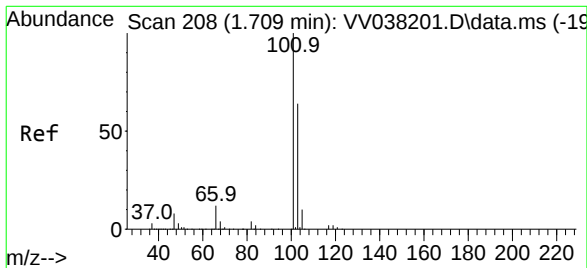
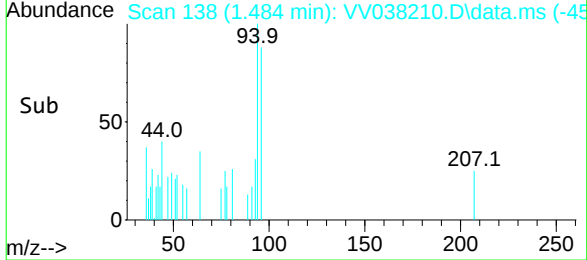
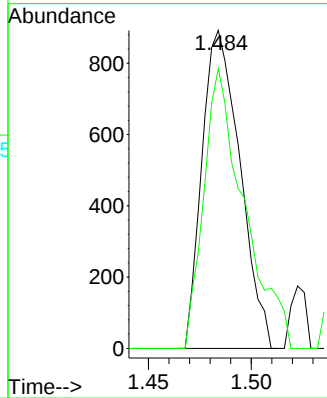
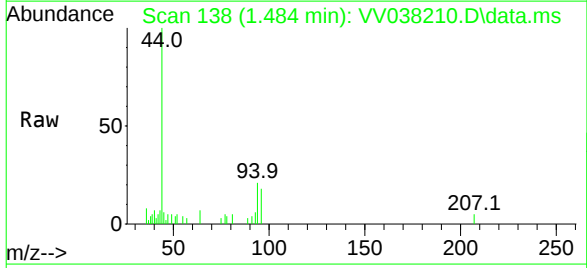




#6
Bromomethane
Concen: 0.178 ug/L
RT: 1.484 min Scan# 13
Delta R.T. -0.000 min
Lab File: VV038210.D
Acq: 20 Nov 2024 13:07

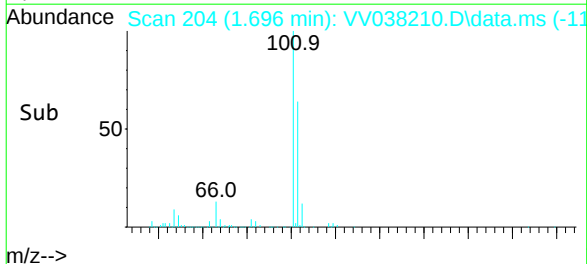
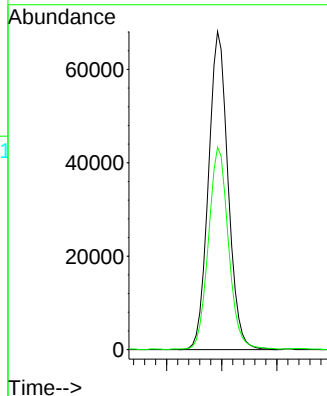
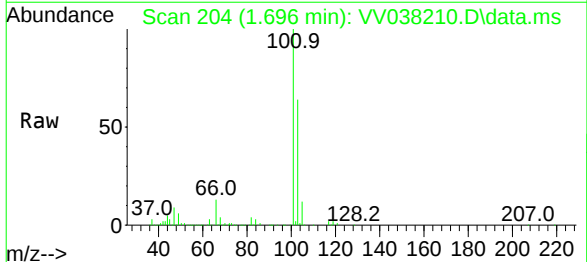
Instrument :
MSVOA_V
ClientSampleId :
BG3J1DL

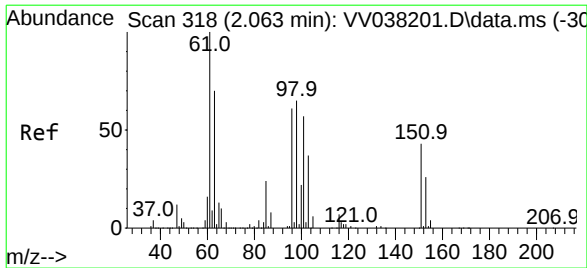
Tgt Ion: 94 Resp: 1142
Ion Ratio Lower Upper
94 100
96 88.0 63.7 118.3



#9
Trichlorofluoromethane
Concen: 3.594 ug/L
RT: 1.696 min Scan# 204
Delta R.T. -0.013 min
Lab File: VV038210.D
Acq: 20 Nov 2024 13:07

Tgt Ion: 101 Resp: 84128
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

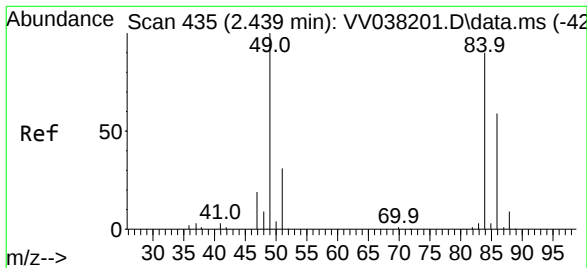
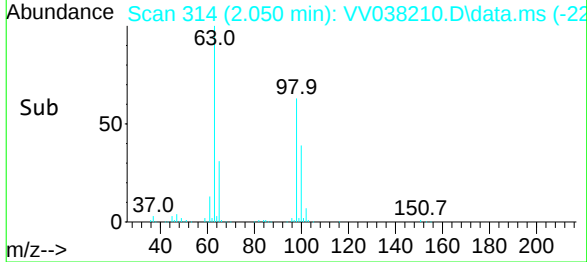
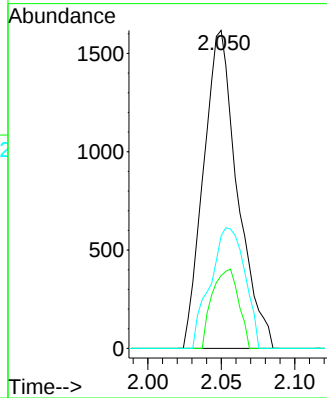
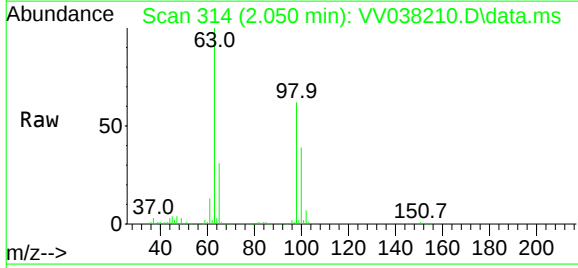




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.194 ug/L
RT: 2.050 min Scan# 318
Delta R.T. -0.013 min
Lab File: VV038210.D
Acq: 20 Nov 2024 13:07

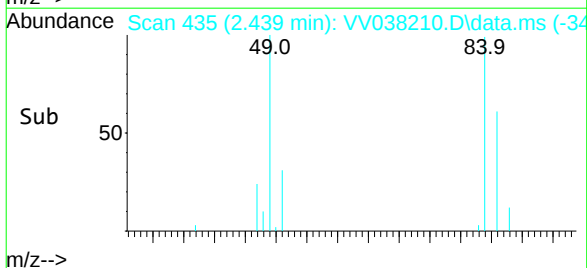
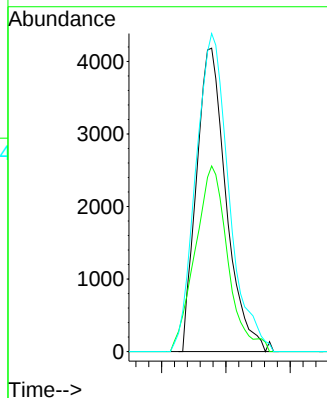
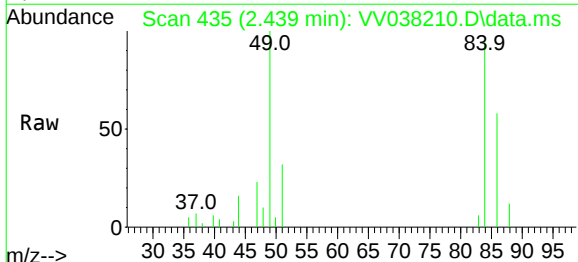
Instrument :
MSVOA_V
ClientSampleId :
BG3J1DL

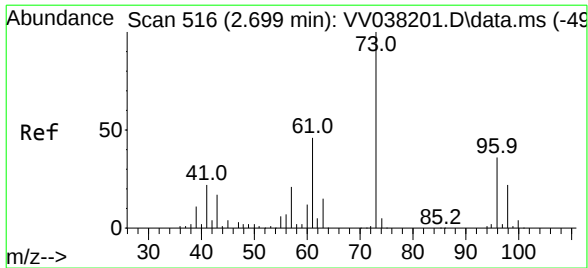
Tgt Ion: 101 Resp: 2594
Ion Ratio Lower Upper
101 100
85 19.4 33.4 50.0#
151 38.6 58.8 88.2#



#16
Methylene chloride
Concen: 0.462 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038210.D
Acq: 20 Nov 2024 13:07

Tgt Ion: 84 Resp: 6702
Ion Ratio Lower Upper
84 100
86 61.2 44.2 82.2
49 104.8 74.9 139.1

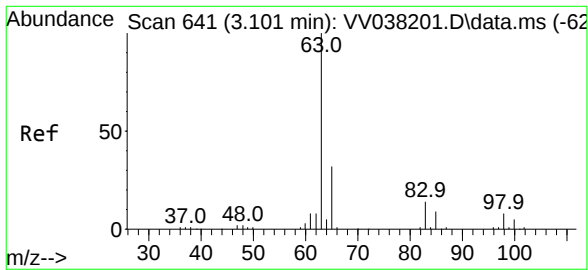
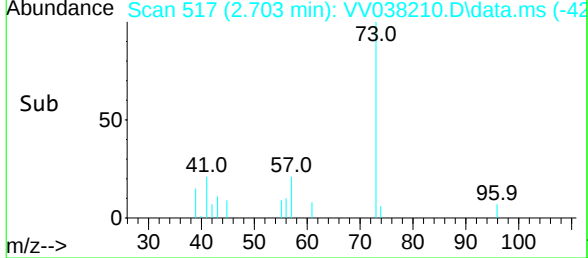
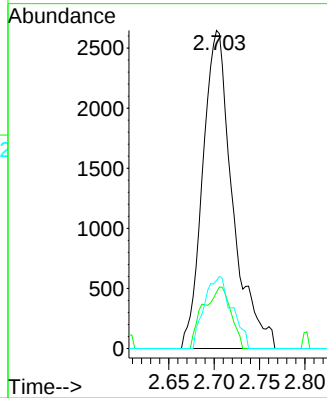
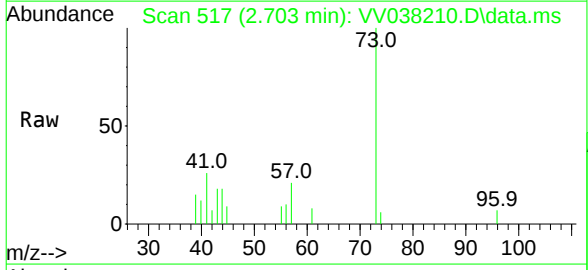




#17
Methyl tert-butyl Ether
Concen: 0.210 ug/L
RT: 2.703 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038210.D
Acq: 20 Nov 2024 13:07

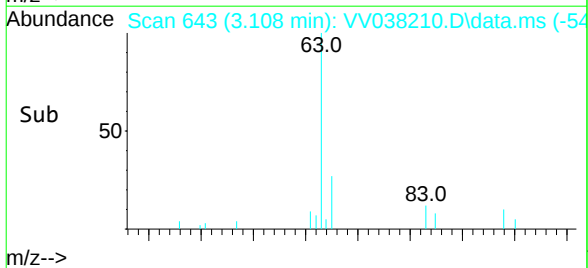
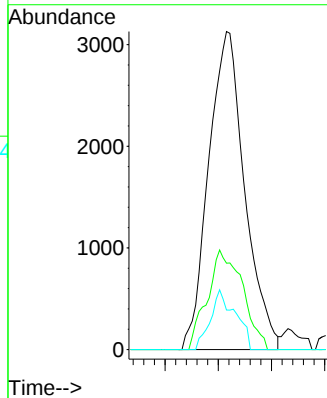
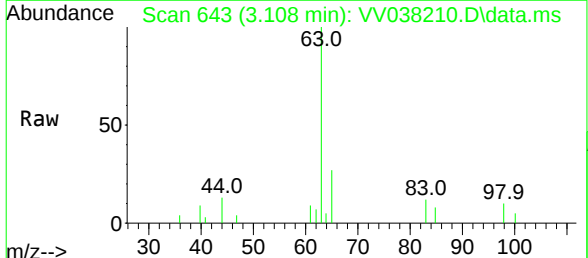
Instrument :
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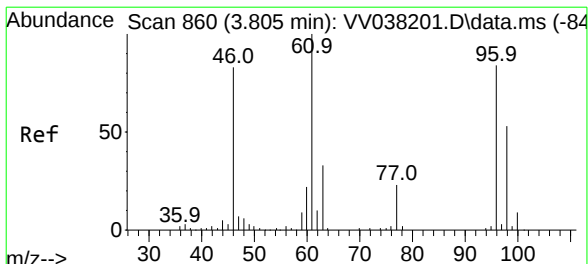
Tgt Ion: 73	Resp: 6041
Ion Ratio	Lower Upper
73 100	
43 18.0	14.2 21.2
57 21.0	17.6 26.4



#19
1,1-Dichloroethane
Concen: 0.302 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038210.D
Acq: 20 Nov 2024 13:07

Tgt Ion: 63	Resp: 7357
Ion Ratio	Lower Upper
63 100	
65 27.2	22.5 41.7
83 12.4	10.1 18.9

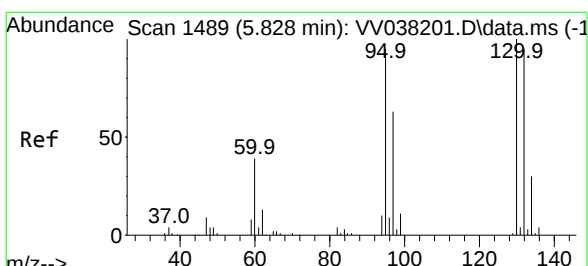
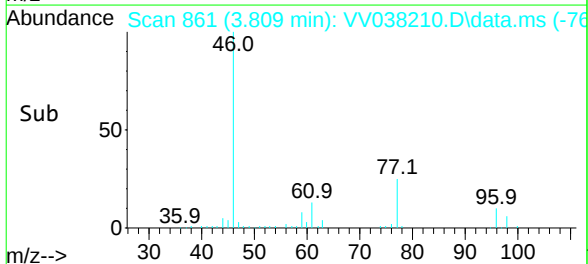
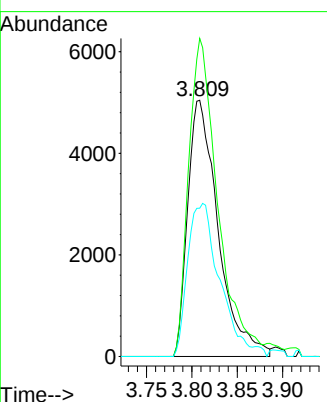
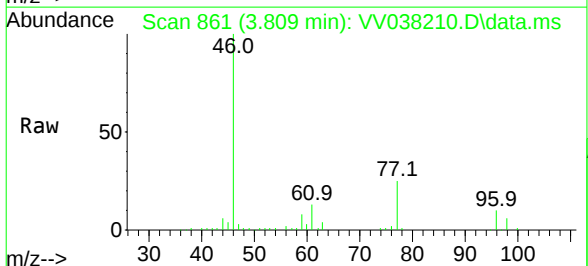




#22
 cis-1,2-Dichloroethene
 Concen: 0.847 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV038210.D
 Acq: 20 Nov 2024 13:07

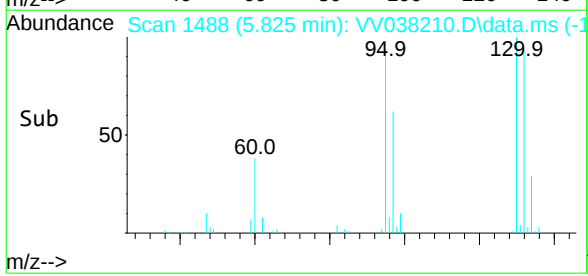
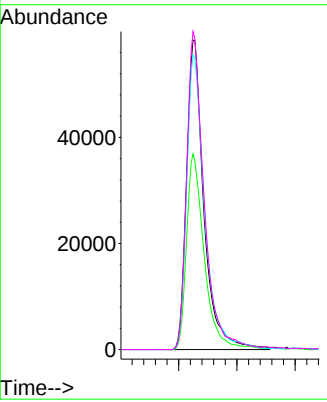
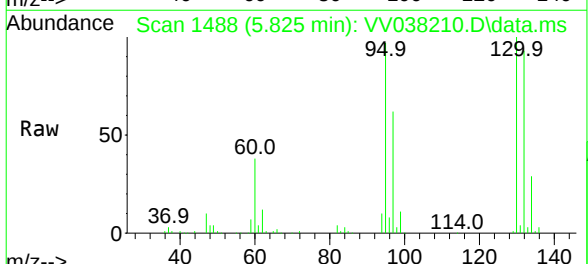
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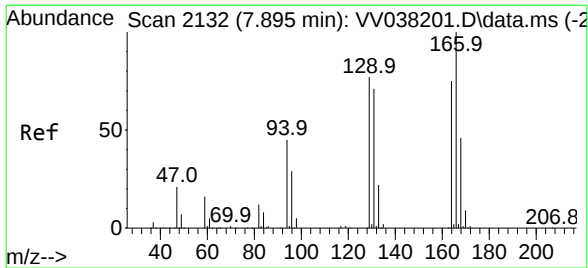
Tgt Ion:	96	Resp:	11744
Ion	Ratio	Lower	Upper
96	100		
61	124.1	82.7	153.5
98	57.9	46.3	85.9



#34
 Trichloroethene
 Concen: 8.456 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.003 min
 Lab File: VV038210.D
 Acq: 20 Nov 2024 13:07

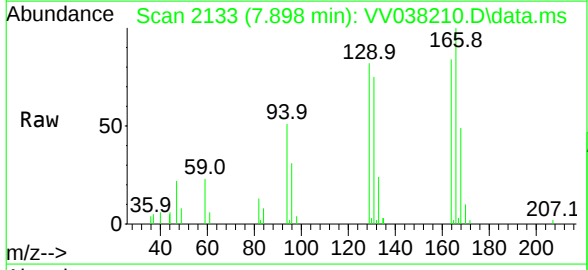
Tgt Ion:	95	Resp:	120966
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.8	83.2
132	95.1	68.3	126.8
130	102.7	70.2	130.4





#47
 Tetrachloroethene
 Concen: 0.940 ug/L
 RT: 7.898 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038210.D
 Acq: 20 Nov 2024 13:07

Instrument :
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 ClientSampleId :
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Tgt Ion:	164	Resp:	10804
Ion	Ratio	Lower	Upper
164	100		
129	97.8	68.5	127.1
131	89.5	64.8	120.4
166	119.7	88.3	163.9

