

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038241.D
 Acq On : 21 Nov 2024 15:10
 Operator : SY/MD
 Sample : P4883-05DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K2DL

Quant Time: Nov 22 01:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

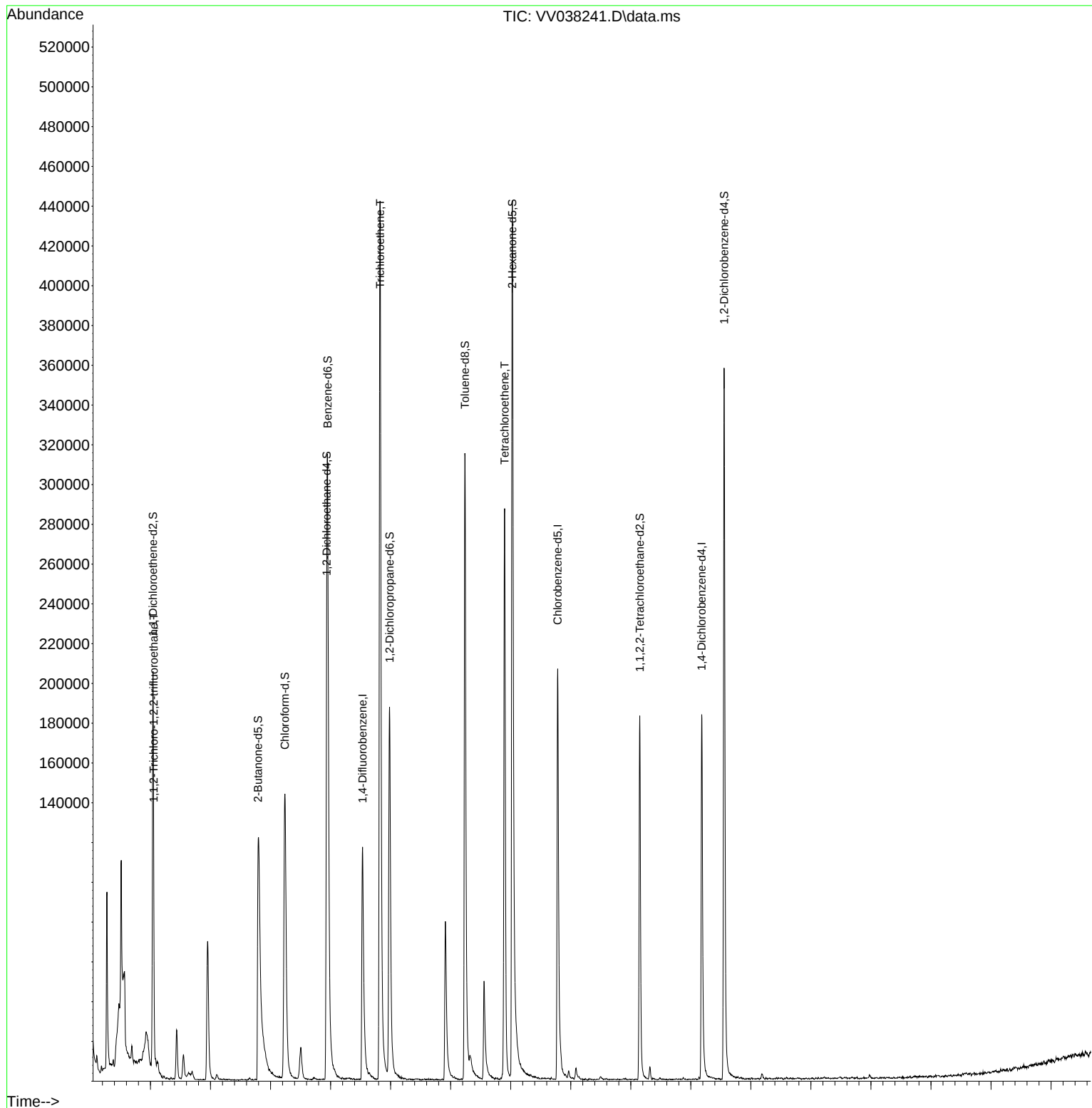
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	117292	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	127935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	55728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	65488	7.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 145.600%#	
7) Chloroethane-d5	1.513	69	39267	5.400	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.000%	
11) 1,1-Dichloroethene-d2	2.040	65	32373	8.368	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	= 167.400%#	
20) 2-Butanone-d5	3.793	46	208751	116.072	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 232.140%#	
24) Chloroform-d	4.239	84	168329	9.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 193.000%#	
26) 1,2-Dichloroethane-d4	4.934	65	85738	10.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 219.000%#	
32) Benzene-d6	4.950	84	295200	8.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 178.600%#	
36) 1,2-Dichloropropane-d6	5.982	67	98658	9.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 194.000%#	
41) Toluene-d8	7.236	98	235915	7.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 154.200%#	
43) trans-1,3-Dichloroprop...	7.554	79	36966	9.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 195.400%#	
46) 2-Hexanone-d5	8.027	63	182598	124.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 248.360%#	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	91994	10.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 213.000%#	
66) 1,2-Dichlorobenzene-d4	11.554	152	102036	10.746	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 215.000%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.690	101	4182	0.271	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2555	0.291	ug/L #	82
16) Methylene chloride	2.436	84	11555	1.210	ug/L	93
19) 1,1-Dichloroethane	3.104	63	3120	0.195	ug/L	93
22) cis-1,2-Dichloroethene	3.809	96	22975	2.518	ug/L	95
29) 1,1,1-Trichloroethane	4.506	97	12879	0.839	ug/L	92
34) Trichloroethene	5.825	95	171295	17.486	ug/L	99
42) Toluene	7.326	91	8750	0.230	ug/L	95
47) Tetrachloroethene	7.898	164	67302	8.550	ug/L	98
51) Chlorobenzene	8.815	112	6453	0.246	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	3254	0.204	ug/L	92

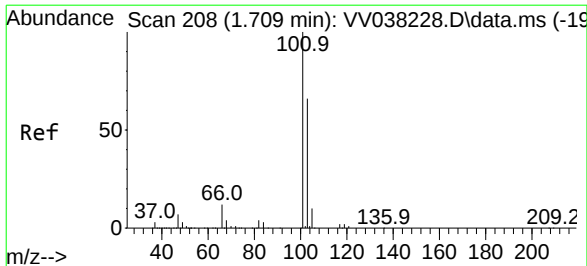
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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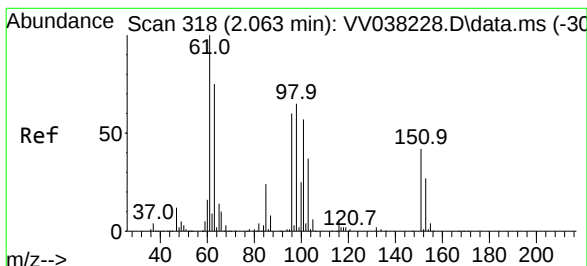
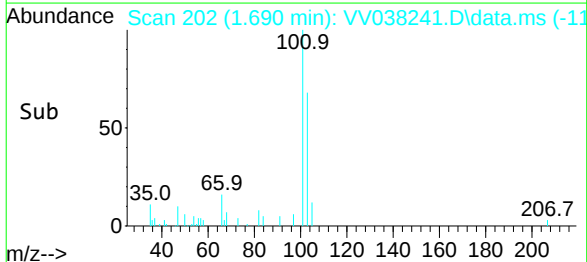
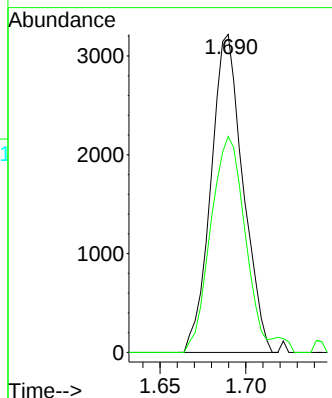
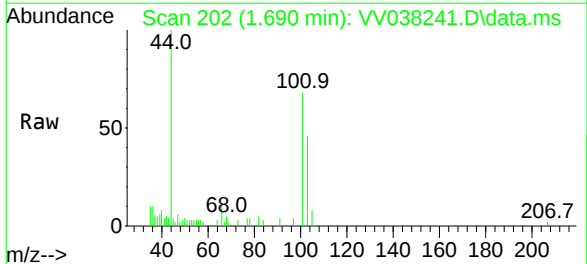




#9
 Trichlorofluoromethane
 Concen: 0.271 ug/L
 RT: 1.690 min Scan# 208
 Delta R.T. -0.019 min
 Lab File: VV038241.D
 Acq: 21 Nov 2024 15:10

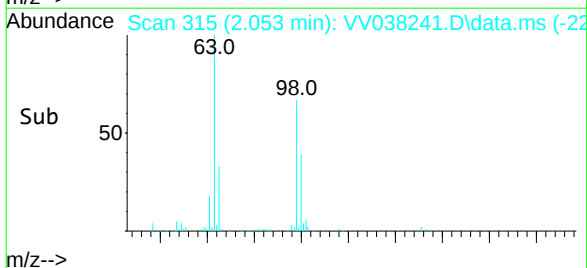
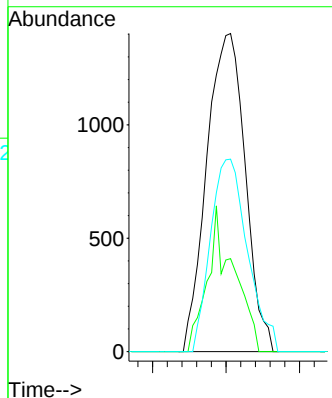
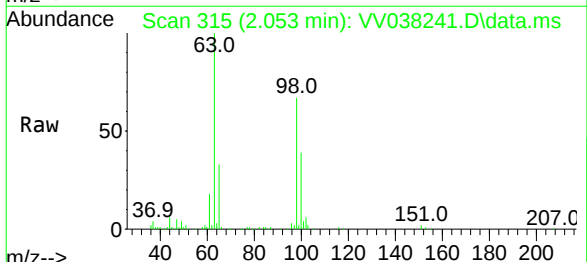
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K2DL

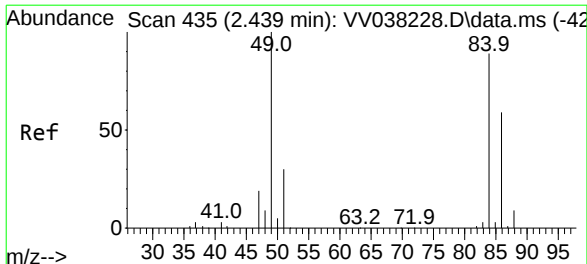
Tgt Ion:101 Resp: 4182
 Ion Ratio Lower Upper
 101 100
 103 72.8 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.291 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.010 min
 Lab File: VV038241.D
 Acq: 21 Nov 2024 15:10

Tgt Ion:101 Resp: 2555
 Ion Ratio Lower Upper
 101 100
 85 31.4 33.4 50.0#
 151 58.2 58.8 88.2#





#16

Methylene chloride

Concen: 1.210 ug/L

RT: 2.436 min Scan# 43

Delta R.T. -0.003 min

Lab File: VV038241.D

Acq: 21 Nov 2024 15:10

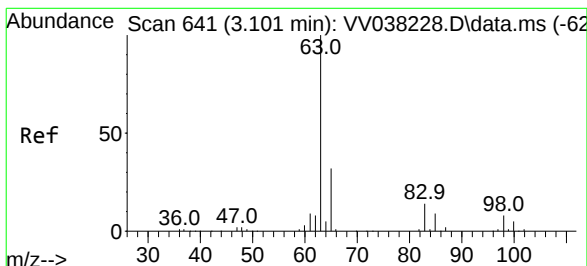
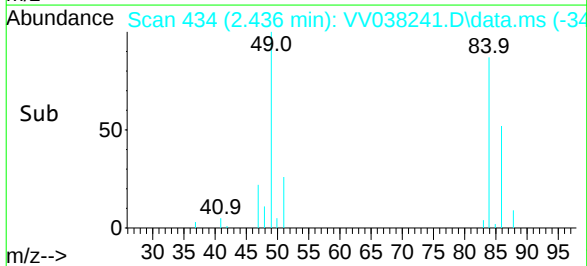
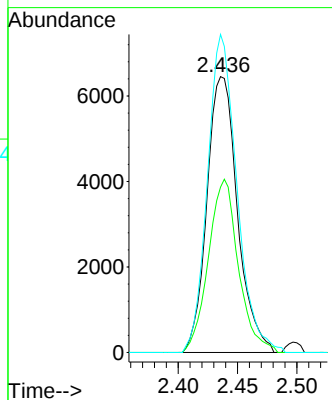
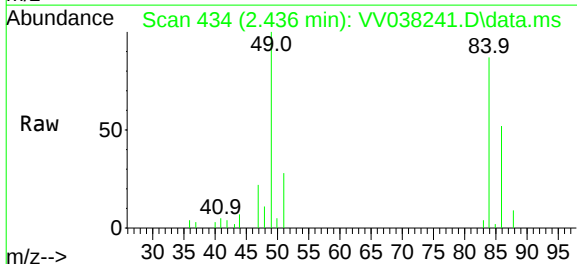
Instrument :

MSVOA_V

ClientSampleId :

BG3K2DL

Tgt Ion:	84	Resp:	11555
Ion	Ratio	Lower	Upper
84	100		
86	59.9	44.2	82.2
49	115.3	74.9	139.1



#19

1,1-Dichloroethane

Concen: 0.195 ug/L

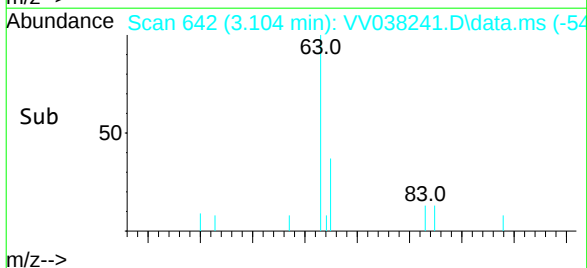
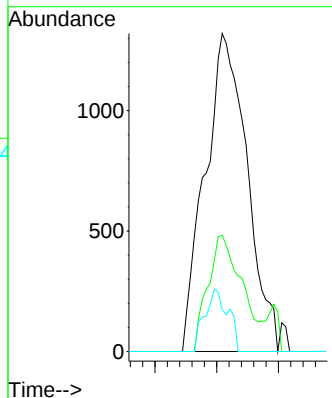
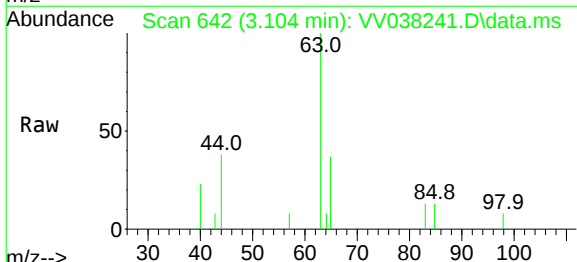
RT: 3.104 min Scan# 642

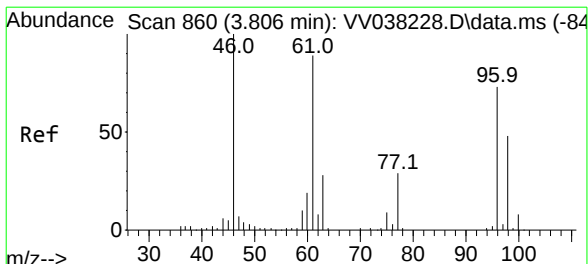
Delta R.T. 0.003 min

Lab File: VV038241.D

Acq: 21 Nov 2024 15:10

Tgt Ion:	63	Resp:	3120
Ion	Ratio	Lower	Upper
63	100		
65	36.5	22.5	41.7
83	13.1	10.1	18.9

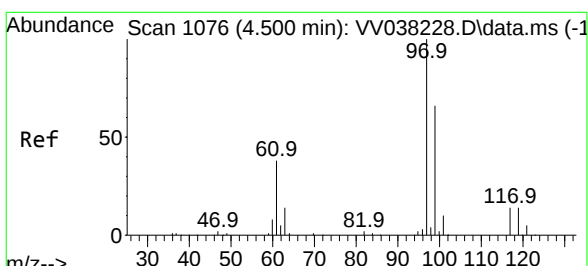
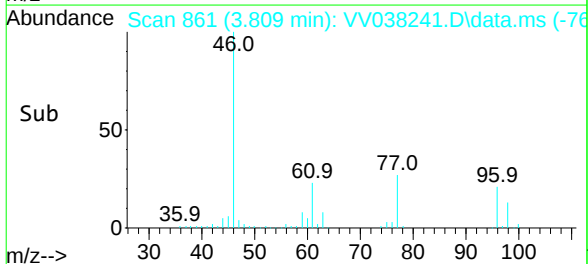
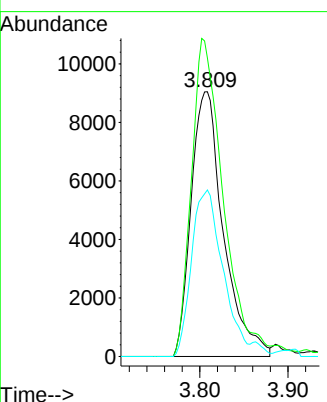
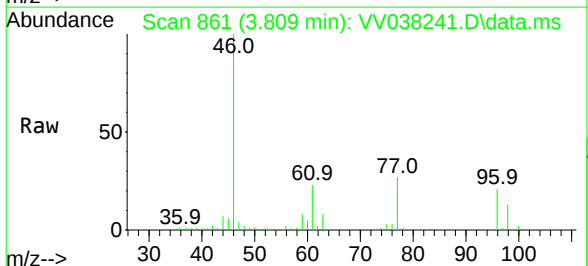




#22
 cis-1,2-Dichloroethene
 Concen: 2.518 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038241.D
 Acq: 21 Nov 2024 15:10

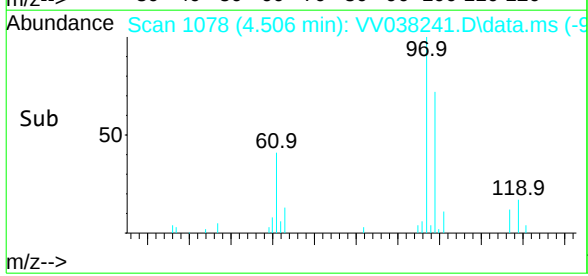
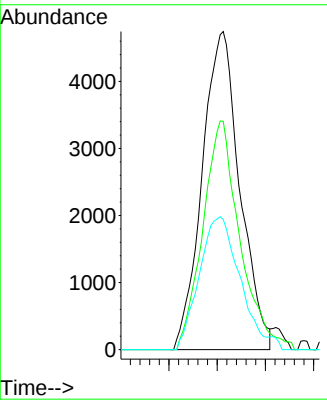
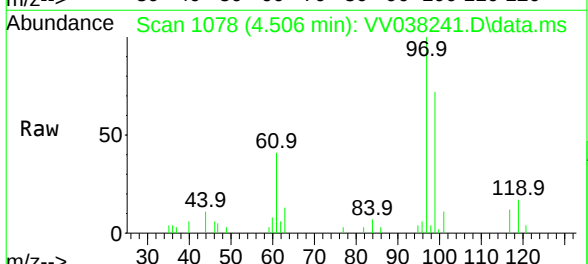
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K2DL

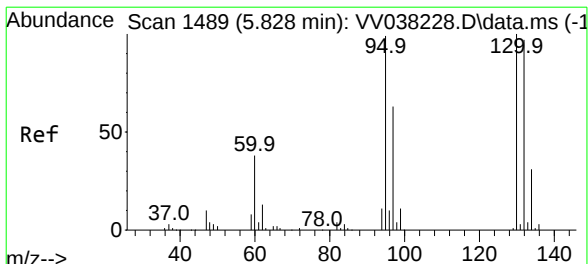
Tgt Ion:	96	Resp:	22975
Ion	Ratio	Lower	Upper
96	100		
61	112.8	82.7	153.5
98	62.9	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.839 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VV038241.D
 Acq: 21 Nov 2024 15:10

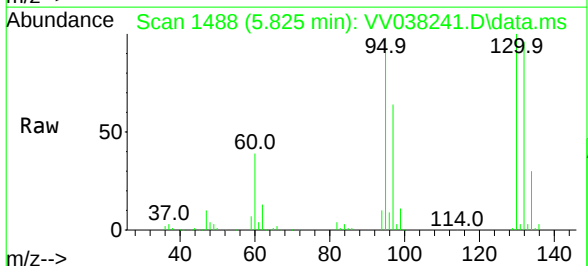
Tgt Ion:	97	Resp:	12879
Ion	Ratio	Lower	Upper
97	100		
99	70.5	51.8	77.8
61	45.3	32.2	48.2





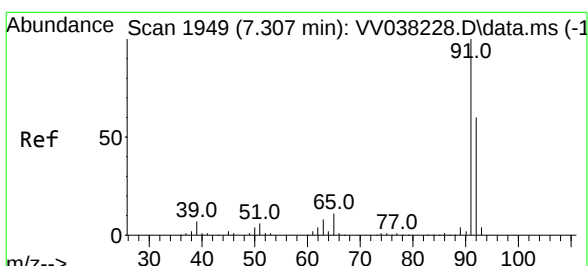
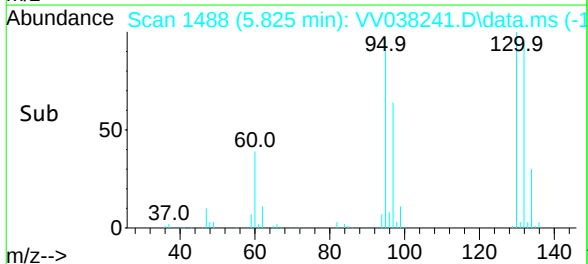
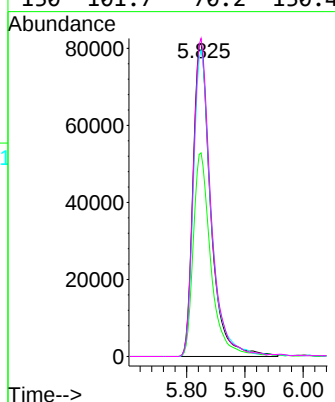
#34
 Trichloroethene
 Concen: 17.486 ug/L
 RT: 5.825 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VV038241.D
 Acq: 21 Nov 2024 15:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K2DL



Tgt Ion: 95 Resp: 171295

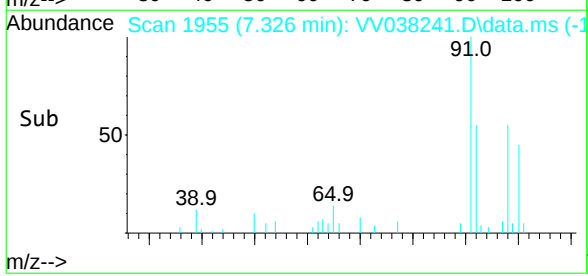
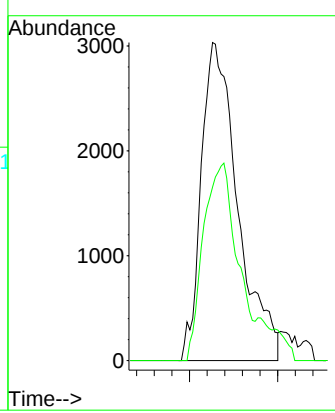
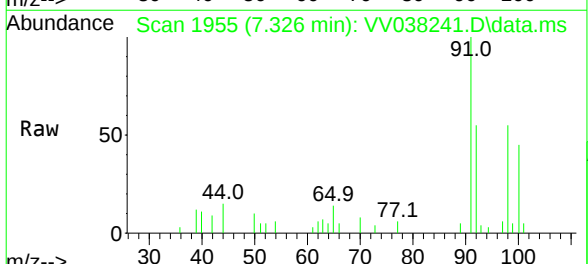
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.8	83.2
132	97.8	68.3	126.8
130	101.7	70.2	130.4

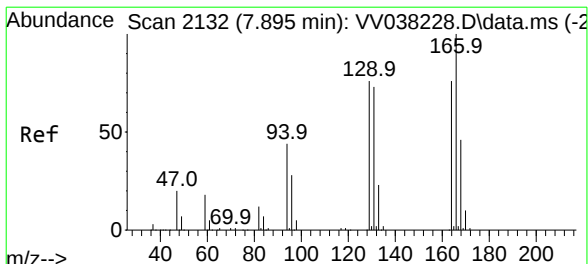


#42
 Toluene
 Concen: 0.230 ug/L
 RT: 7.326 min Scan# 1955
 Delta R.T. 0.019 min
 Lab File: VV038241.D
 Acq: 21 Nov 2024 15:10

Tgt Ion: 91 Resp: 8750

Ion	Ratio	Lower	Upper
91	100		
92	54.6	40.8	75.8

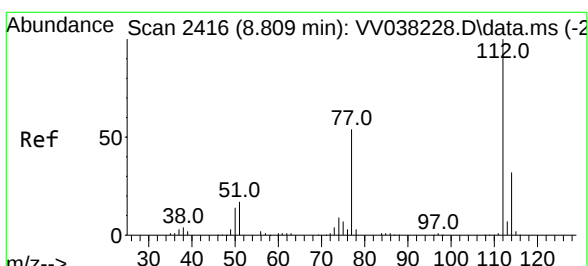
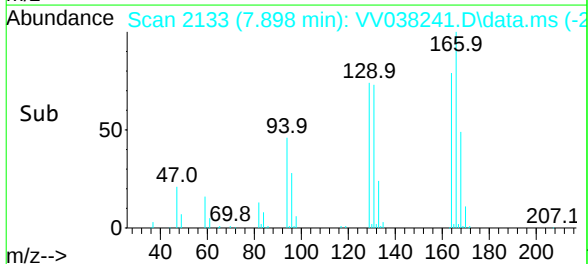
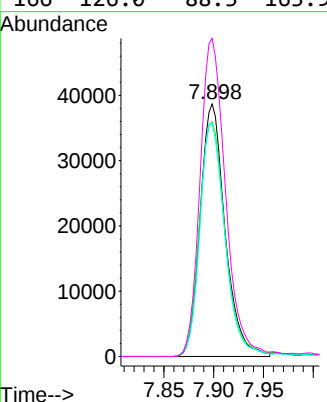
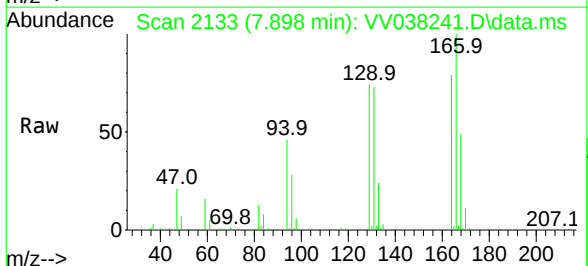




#47
Tetrachloroethene
Concen: 8.550 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038241.D
Acq: 21 Nov 2024 15:10

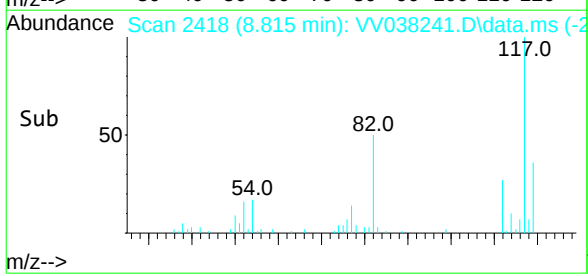
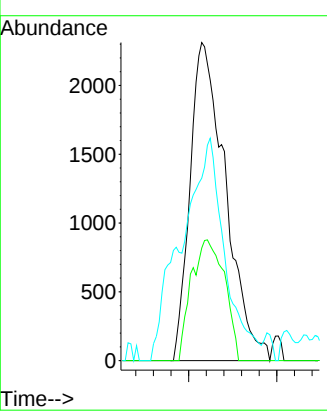
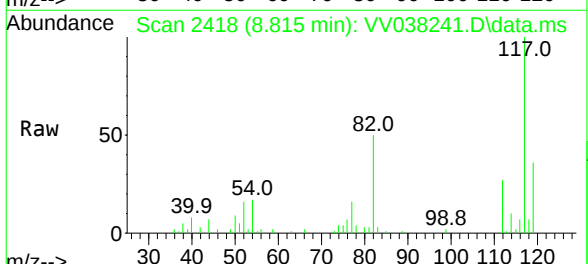
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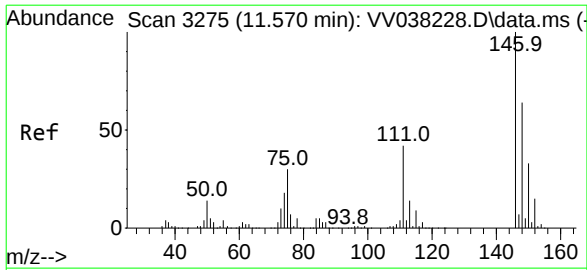
Tgt Ion:	164	Resp:	67302
Ion Ratio	Lower	Upper	
164	100		
129	92.8	68.5	127.1
131	92.2	64.8	120.4
166	126.0	88.3	163.9



#51
Chlorobenzene
Concen: 0.246 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV038241.D
Acq: 21 Nov 2024 15:10

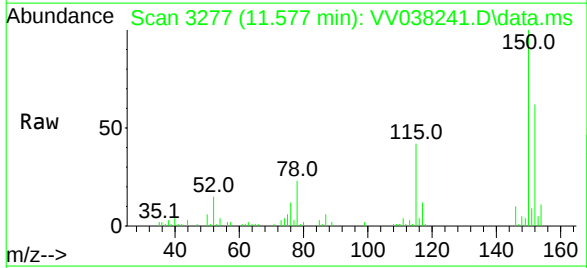
Tgt Ion:	112	Resp:	6453
Ion Ratio	Lower	Upper	
112	100		
114	33.7	22.0	40.8
77	54.7	45.0	67.4





#67
1,2-Dichlorobenzene
Concen: 0.204 ug/L
RT: 11.577 min Scan# 32
Delta R.T. 0.006 min
Lab File: VV038241.D
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Instrument :
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Tgt Ion:	146	Resp:	3254
Ion	Ratio	Lower	Upper
146	100		
111	44.2	34.2	51.2
148	54.8	51.0	76.4

