

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038253.D
 Acq On : 21 Nov 2024 20:50
 Operator : SY/MD
 Sample : P4884-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M6

Quant Time: Nov 22 01:52:51 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)

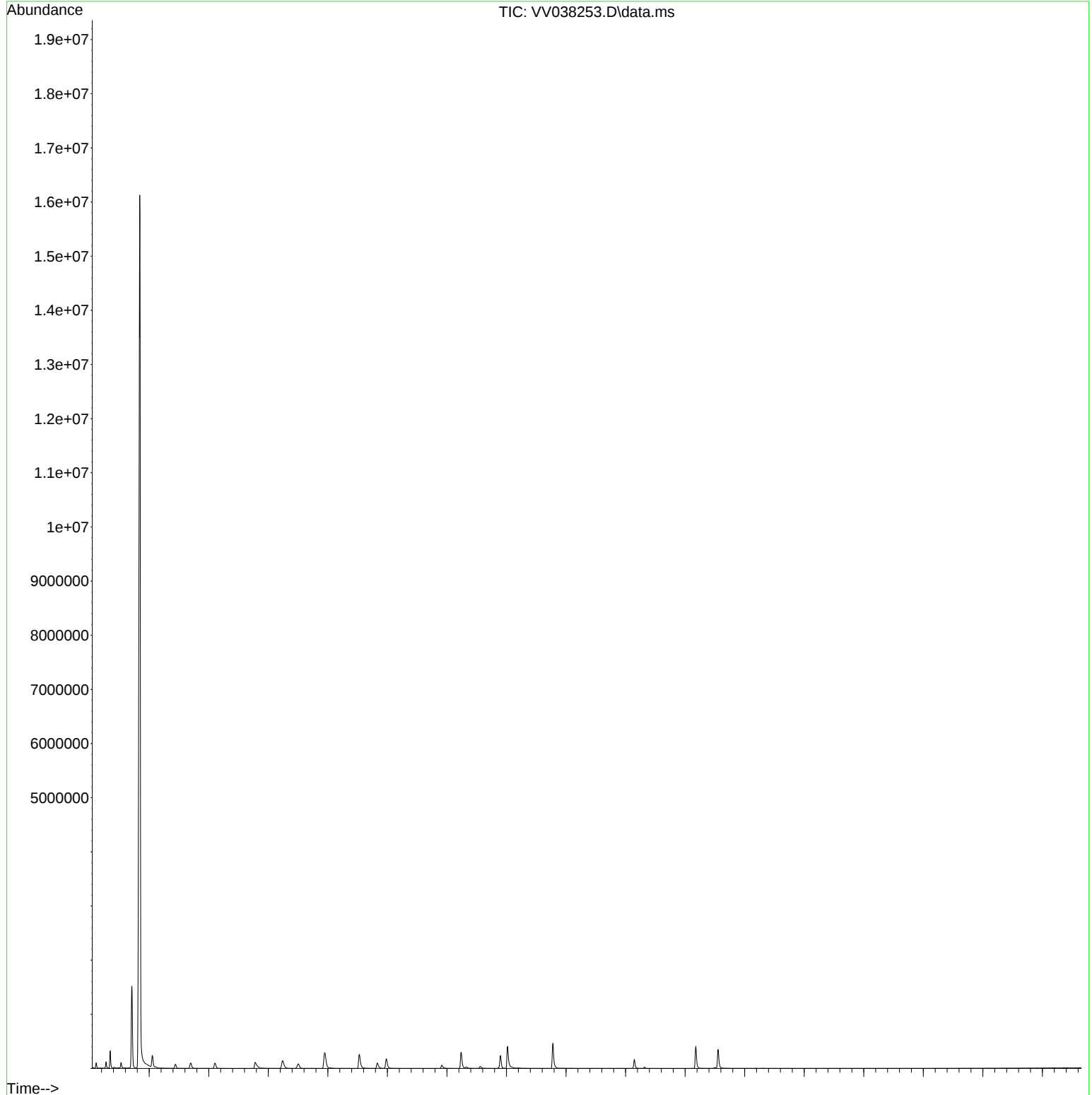
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	250243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	276064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	115625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68722	3.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.526	69	66526	4.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.053	65	31649	3.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.780	46	186896	48.709	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.420%
24) Chloroform-d	4.239	84	160461	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.934	65	80230	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.950	84	282931	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	5.982	67	92772	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.236	98	223221	3.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.558	79	26754	3.278	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.017	63	145945	45.996	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.000%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81779	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	95793	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds	Qvalue					
9) Trichlorofluoromethane	1.709	101	890675	27.092	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	14784	0.788	ug/L	98
16) Methylene chloride	2.442	84	34463	1.691	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	97859	2.422	ug/L	100
19) 1,1-Dichloroethane	3.104	63	100725	2.947	ug/L	98
25) Chloroform	4.268	83	12038	0.329	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	71373	2.156	ug/L	98
34) Trichloroethene	5.831	95	39766	1.881	ug/L	96
42) Toluene	7.323	91	20913	0.255	ug/L	97
47) Tetrachloroethene	7.899	164	54956	3.235	ug/L	98

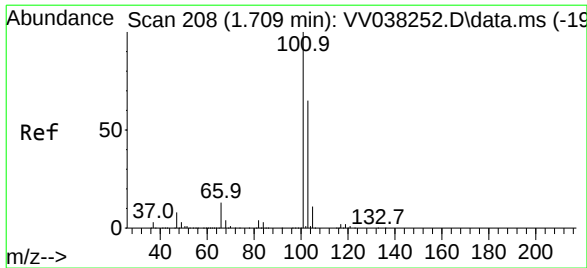
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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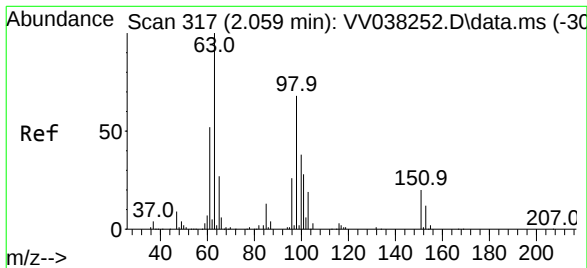
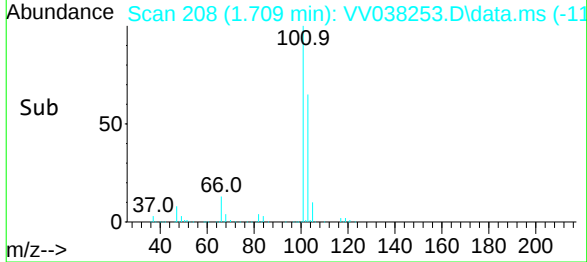
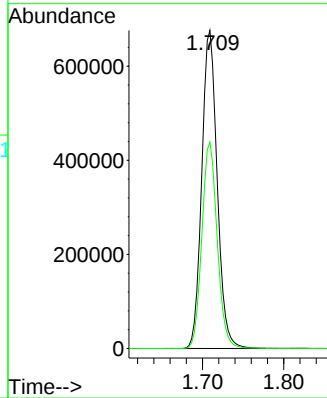
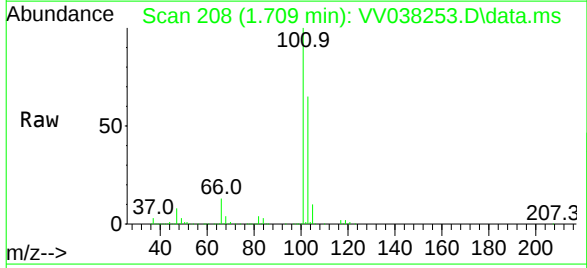




#9
Trichlorofluoromethane
Concen: 27.092 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038253.D
Acq: 21 Nov 2024 20:50

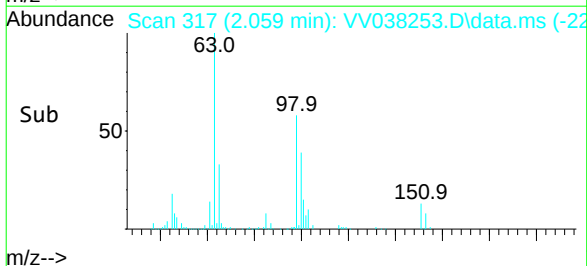
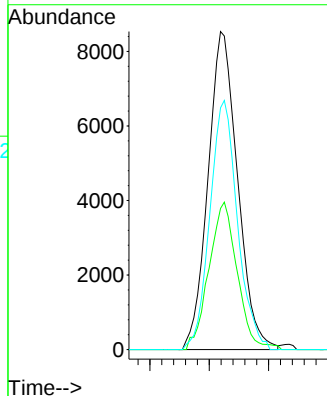
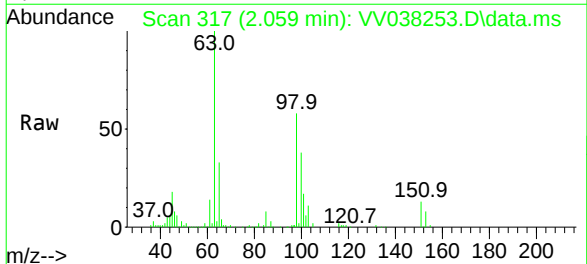
Instrument :
MSVOA_V
ClientSampleId :
BG3M6

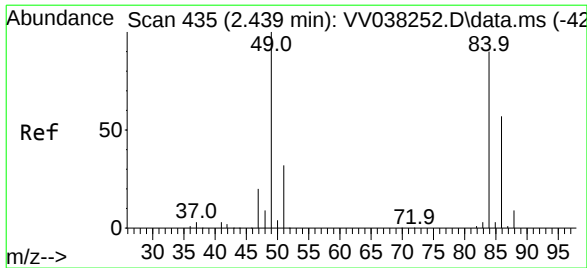
Tgt Ion:101 Resp: 890675
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.788 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038253.D
Acq: 21 Nov 2024 20:50

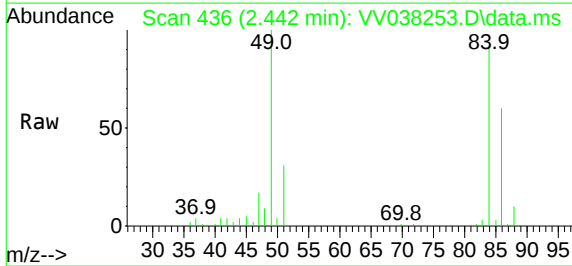
Tgt Ion:101 Resp: 14784
Ion Ratio Lower Upper
101 100
85 44.2 33.4 50.0
151 73.1 58.8 88.2



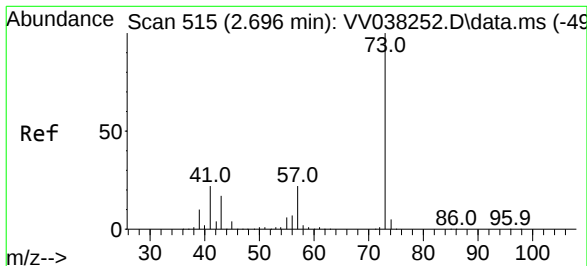
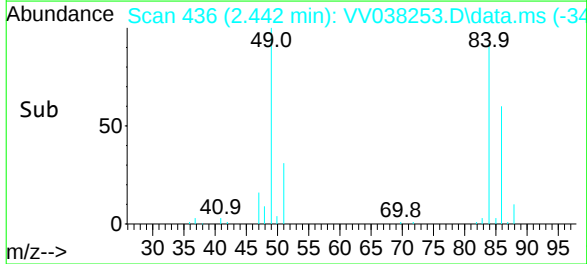
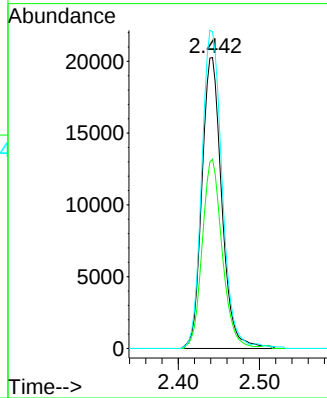


#16
Methylene chloride
Concen: 1.691 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038253.D
Acq: 21 Nov 2024 20:50

Instrument :
MSVOA_V
ClientSampleId :
BG3M6

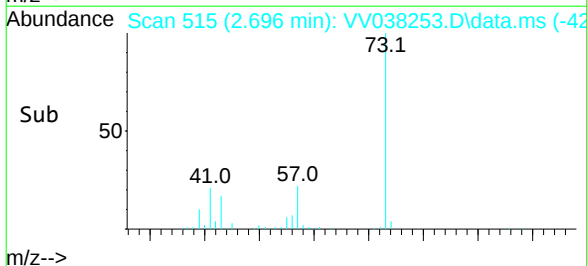
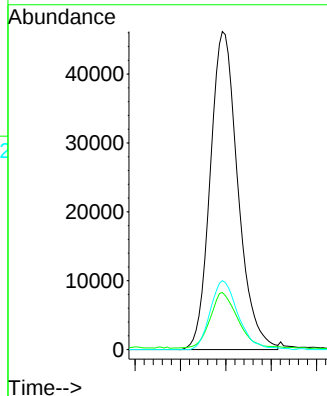
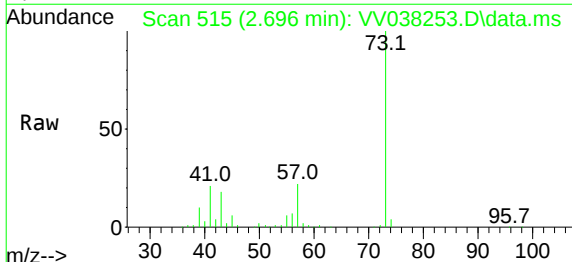


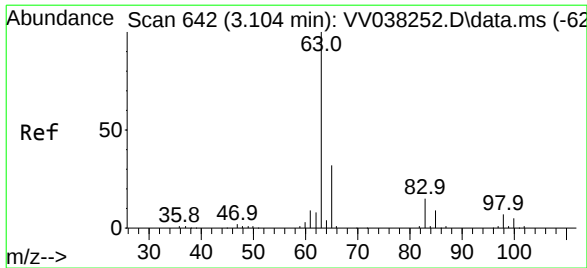
Tgt Ion: 84 Resp: 34463
Ion Ratio Lower Upper
84 100
86 65.0 44.2 82.2
49 108.9 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 2.422 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038253.D
Acq: 21 Nov 2024 20:50

Tgt Ion: 73 Resp: 97859
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.2
57 21.8 17.6 26.4

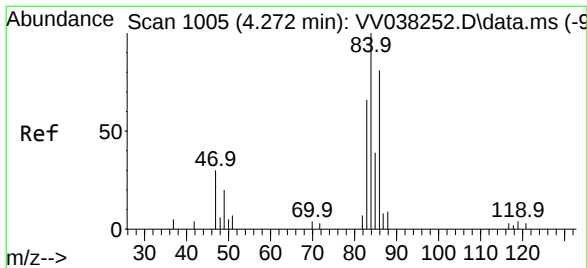
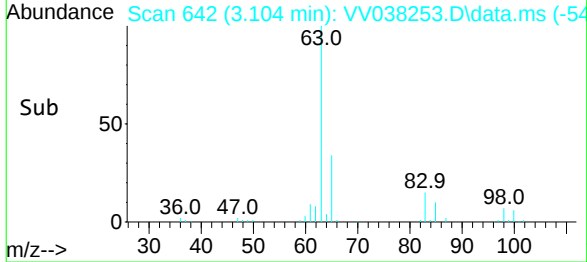
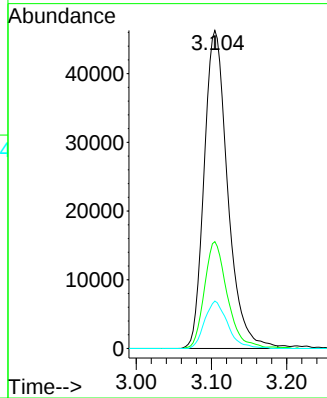
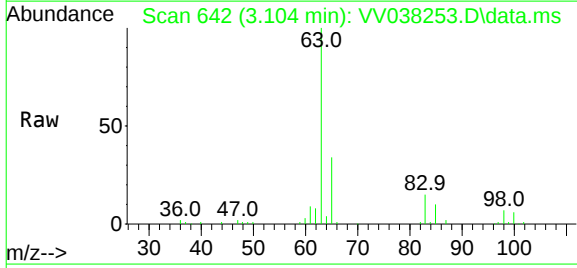




#19
1,1-Dichloroethane
Concen: 2.947 ug/L
RT: 3.104 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038253.D
Acq: 21 Nov 2024 20:50

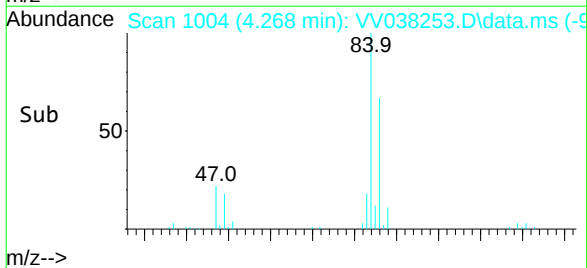
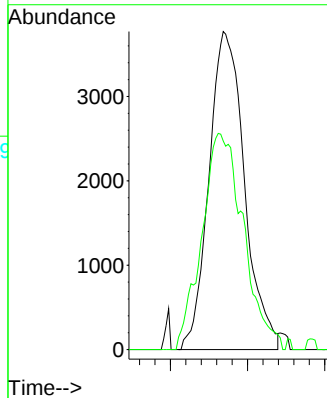
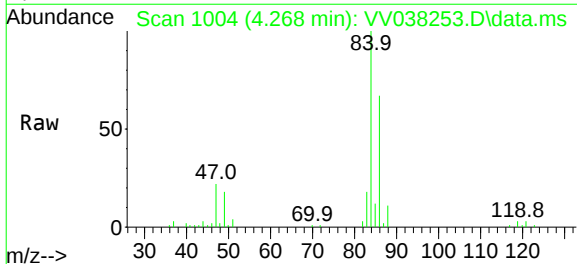
Instrument :
MSVOA_V
ClientSampleId :
BG3M6

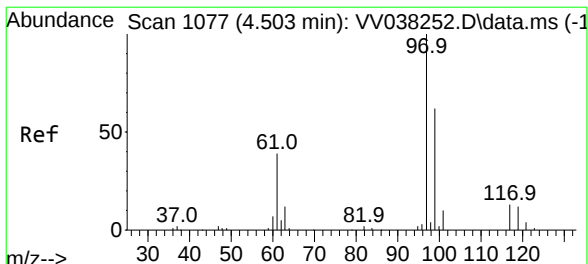
Tgt Ion:	63	Resp:	100725
Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.5	41.7
83	14.9	10.1	18.9



#25
Chloroform
Concen: 0.329 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV038253.D
Acq: 21 Nov 2024 20:50

Tgt Ion:	83	Resp:	12038
Ion	Ratio	Lower	Upper
83	100		
85	65.6	46.5	86.3

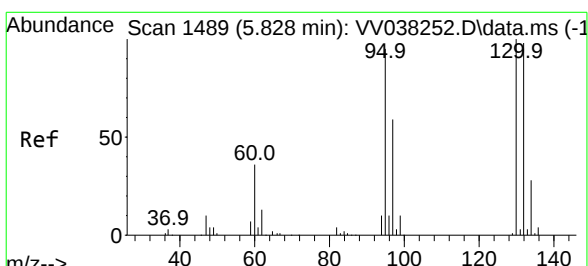
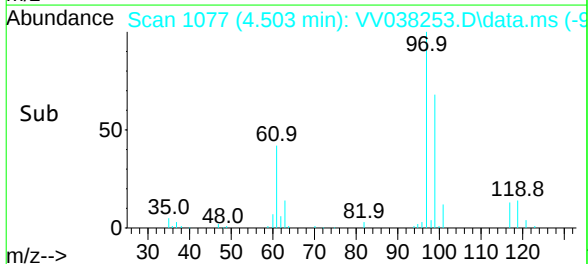
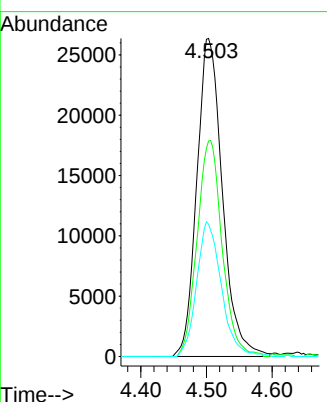
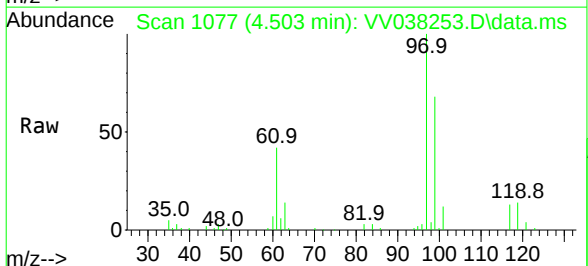




#29
 1,1,1-Trichloroethane
 Concen: 2.156 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.003 min
 Lab File: VV038253.D
 Acq: 21 Nov 2024 20:50

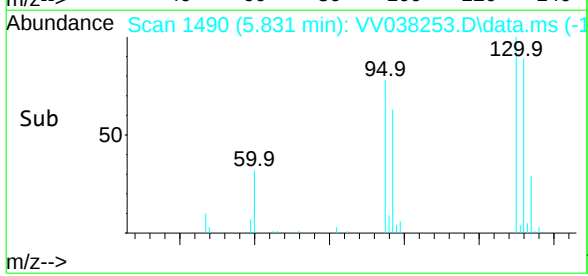
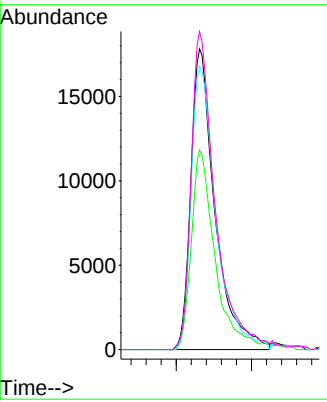
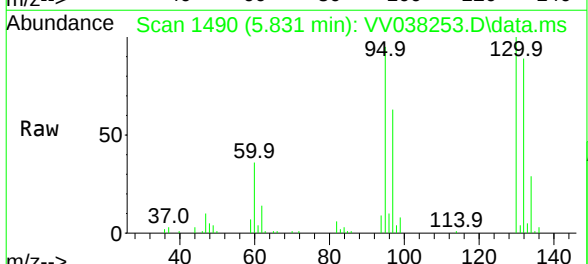
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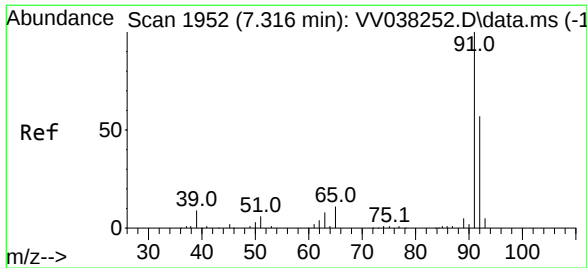
Tgt Ion:	97	Resp:	71373
Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.8	77.8
61	40.9	32.2	48.2



#34
 Trichloroethene
 Concen: 1.881 ug/L
 RT: 5.831 min Scan# 1490
 Delta R.T. 0.003 min
 Lab File: VV038253.D
 Acq: 21 Nov 2024 20:50

Tgt Ion:	95	Resp:	39766
Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.8	83.2
132	94.2	68.3	126.8
130	105.8	70.2	130.4





#42

Toluene

Concen: 0.255 ug/L

RT: 7.323 min Scan# 19

Delta R.T. 0.016 min

Lab File: VV038253.D

Acq: 21 Nov 2024 20:50

Instrument :

MSVOA_V

ClientSampleId :

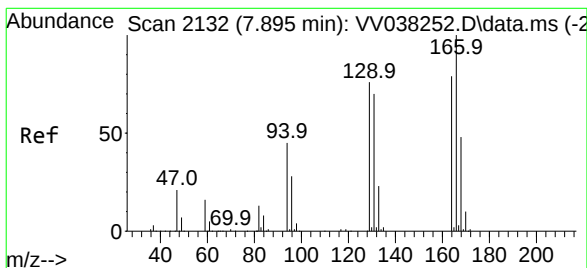
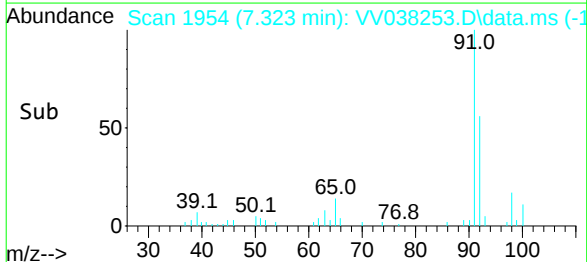
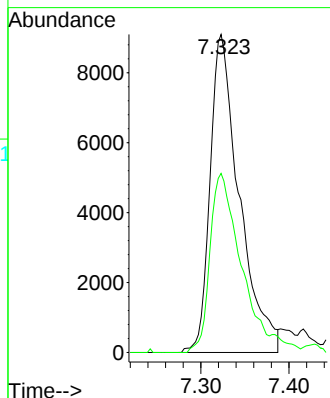
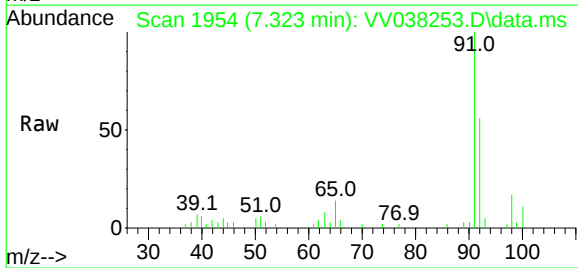
BG3M6

Tgt Ion: 91 Resp: 20913

Ion Ratio Lower Upper

91 100

92 56.3 40.8 75.8



#47

Tetrachloroethene

Concen: 3.235 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038253.D

Acq: 21 Nov 2024 20:50

Tgt Ion: 164 Resp: 54956

Ion Ratio Lower Upper

164 100

129 95.0 68.5 127.1

131 91.9 64.8 120.4

166 129.6 88.3 163.9

