

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038254.D
 Acq On : 21 Nov 2024 22:54
 Operator : SY/MD
 Sample : P4884-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M7

Quant Time: Nov 22 01:53:17 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)

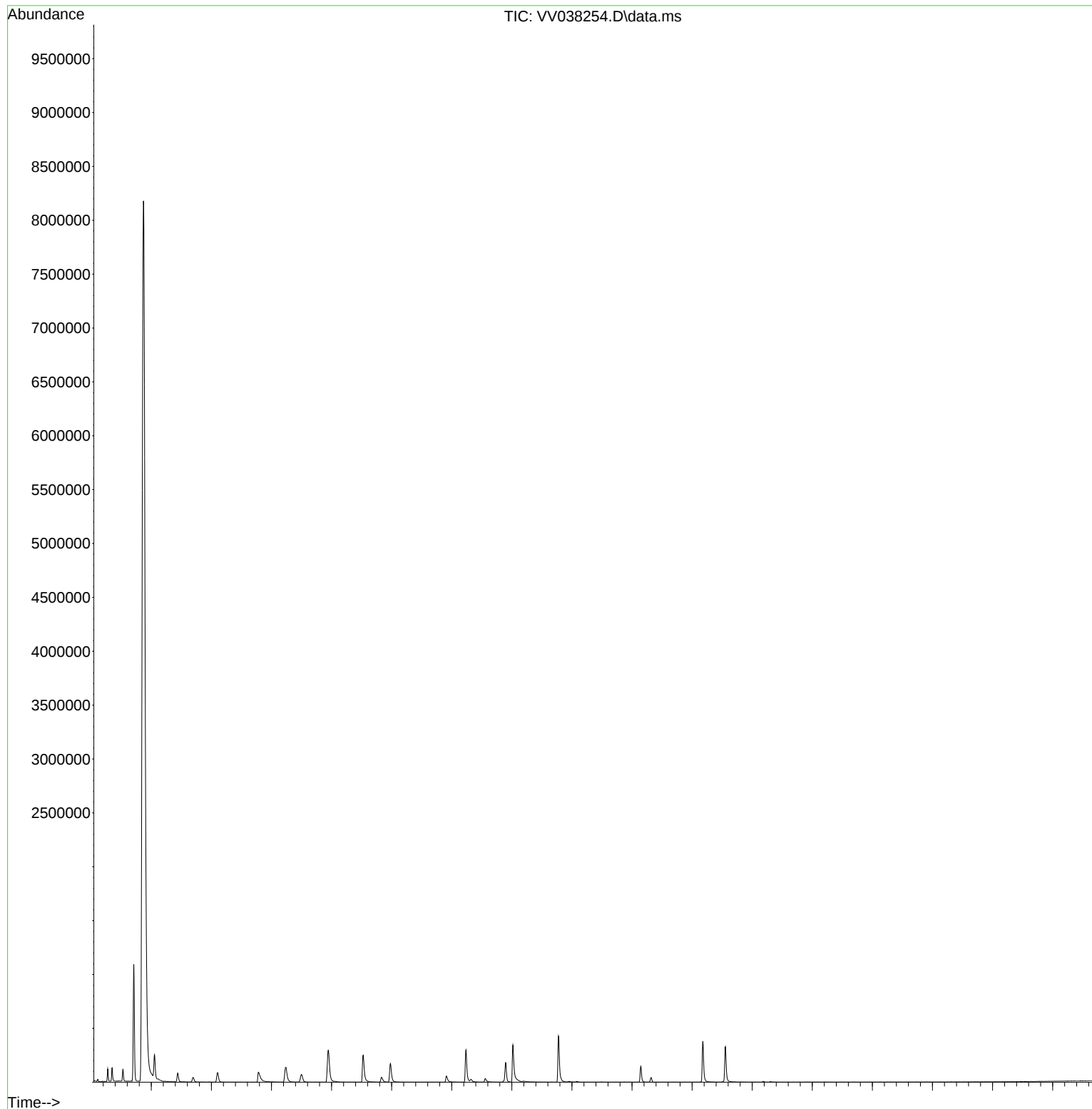
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	244187	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	259410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	70389	3.761	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.529	69	70298	4.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.053	65	30678	3.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.783	46	154385	41.233	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.460%
24) Chloroform-d	4.236	84	161980	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	4.934	65	77581	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.950	84	286351	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.979	67	93286	4.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.236	98	219194	3.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.558	79	25800	3.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.200%
46) 2-Hexanone-d5	8.017	63	129794	43.532	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.060%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75331	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	92649	4.945	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.709	101	634327	19.773	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	12554	0.686	ug/L	93
12) 1,1-Dichloroethene	2.059	96	4426	0.254	ug/L #	1
16) Methylene chloride	2.439	84	34881	1.754	ug/L	91
17) Methyl tert-butyl Ether	2.696	73	42424	1.076	ug/L	98
19) 1,1-Dichloroethane	3.101	63	91536	2.745	ug/L	99
25) Chloroform	4.272	83	8421	0.236	ug/L	87
27) 1,2-Dichloroethane	5.069	62	5151	0.265	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	63060	2.027	ug/L	98
34) Trichloroethene	5.834	95	19311	0.972	ug/L	97
42) Toluene	7.323	91	23707	0.307	ug/L	96
47) Tetrachloroethene	7.898	164	42630	2.671	ug/L	96
51) Chlorobenzene	8.812	112	13751	0.259	ug/L	96

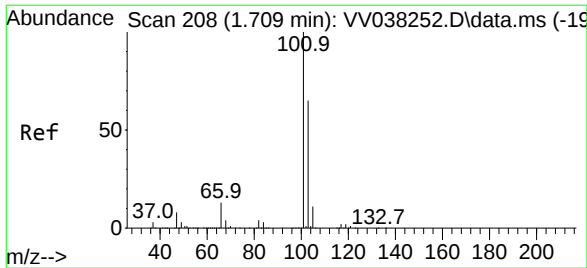
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 01:41:27 2024
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 19.773 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.000 min

Lab File: VV038254.D

Acq: 21 Nov 2024 22:54

Instrument :

MSVOA_V

ClientSampleId :

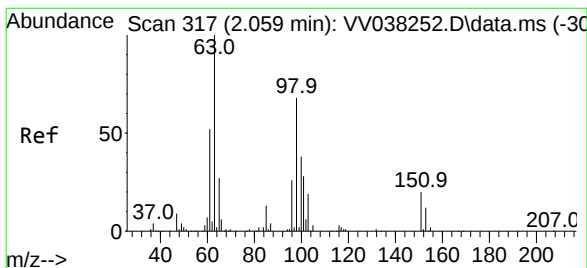
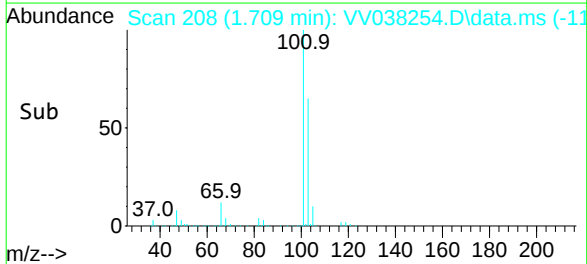
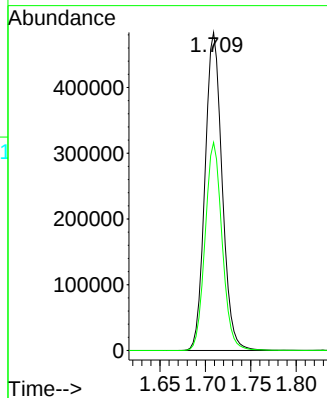
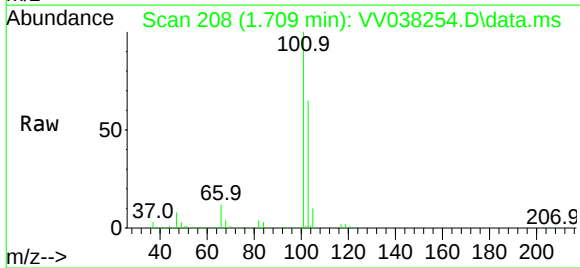
BG3M7

Tgt Ion:101 Resp: 634327

Ion Ratio Lower Upper

101 100

103 64.9 51.5 77.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.686 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV038254.D

Acq: 21 Nov 2024 22:54

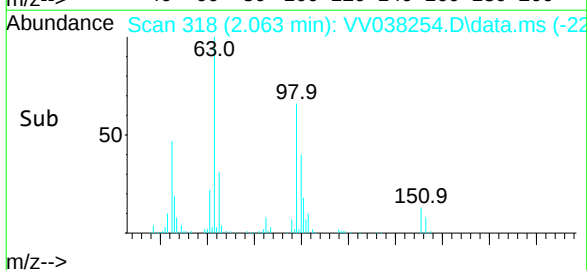
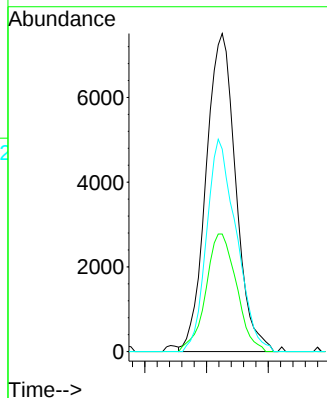
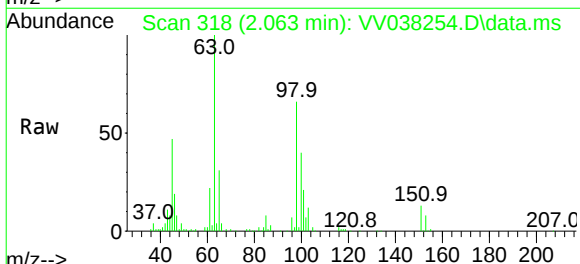
Tgt Ion:101 Resp: 12554

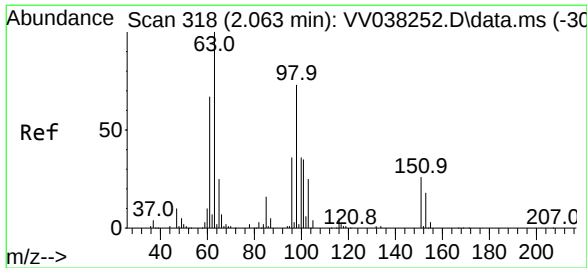
Ion Ratio Lower Upper

101 100

85 38.1 33.4 50.0

151 67.0 58.8 88.2

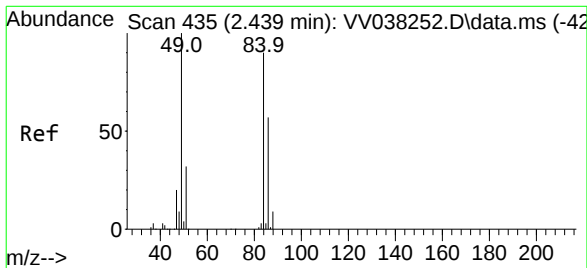
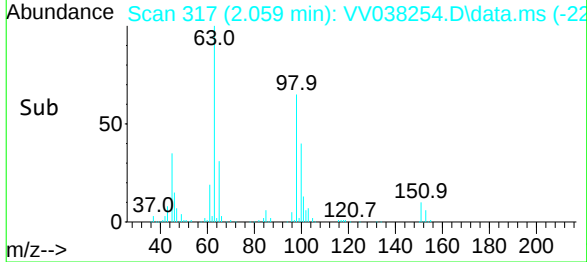
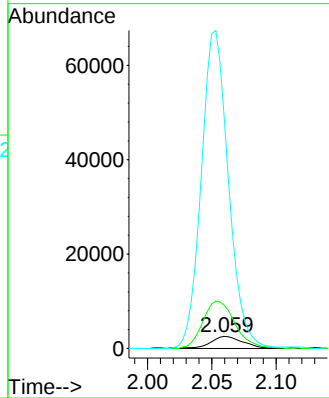
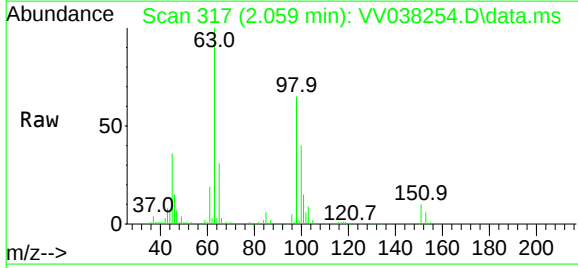




#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038254.D
Acq: 21 Nov 2024 22:54

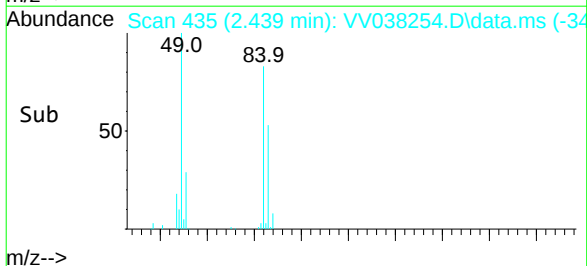
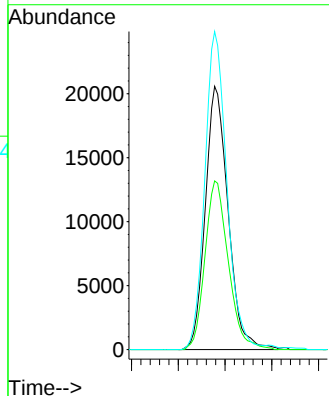
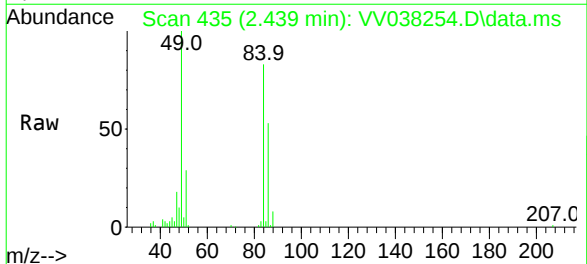
Instrument :
MSVOA_V
ClientSampleId :
BG3M7

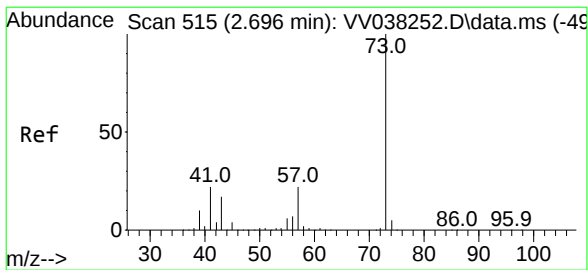
Tgt Ion: 96 Resp: 4426
Ion Ratio Lower Upper
96 100
61 357.5 115.7 214.9#
63 1922.5 101.1 187.7#



#16
Methylene chloride
Concen: 1.754 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038254.D
Acq: 21 Nov 2024 22:54

Tgt Ion: 84 Resp: 34881
Ion Ratio Lower Upper
84 100
86 64.1 44.2 82.2
49 120.8 74.9 139.1

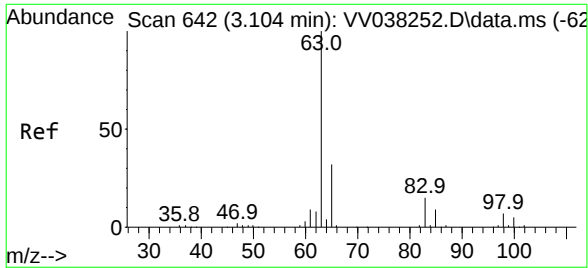
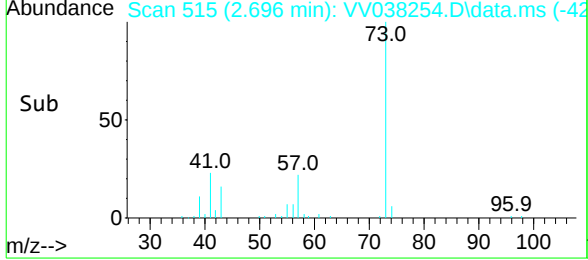
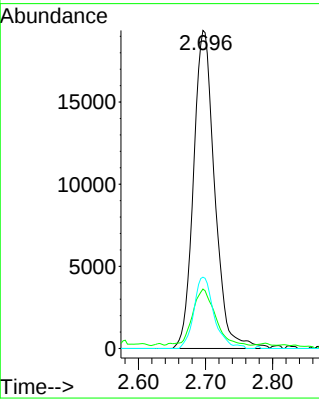
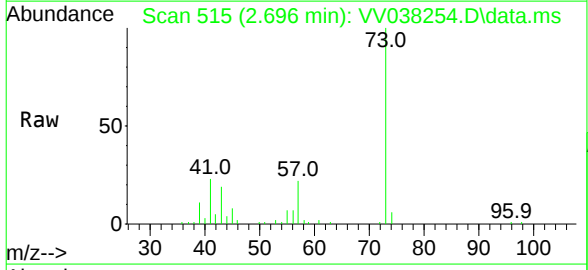




#17
Methyl tert-butyl Ether
Concen: 1.076 ug/L
RT: 2.696 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV038254.D
Acq: 21 Nov 2024 22:54

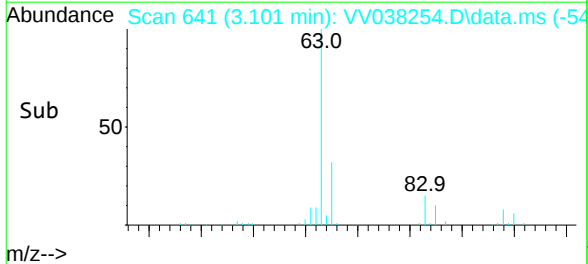
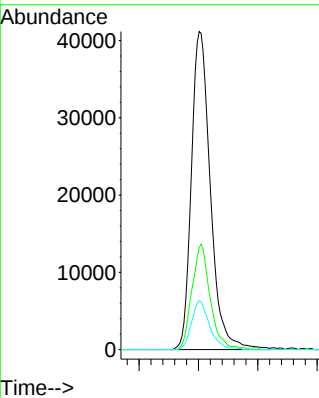
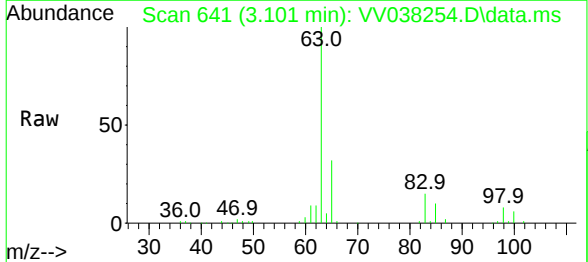
Instrument :
MSVOA_V
ClientSampleId :
BG3M7

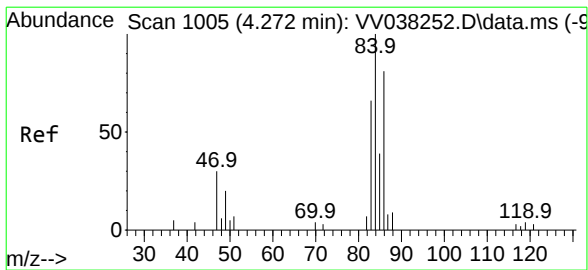
Tgt Ion:	73	Resp:	42424
Ion	Ratio	Lower	Upper
73	100		
43	18.6	14.2	21.2
57	21.3	17.6	26.4



#19
1,1-Dichloroethane
Concen: 2.745 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV038254.D
Acq: 21 Nov 2024 22:54

Tgt Ion:	63	Resp:	91536
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.5	41.7
83	15.4	10.1	18.9





#25

Chloroform

Concen: 0.236 ug/L

RT: 4.272 min Scan# 10

Delta R.T. 0.006 min

Lab File: VV038254.D

Acq: 21 Nov 2024 22:54

Instrument :

MSVOA_V

ClientSampleId :

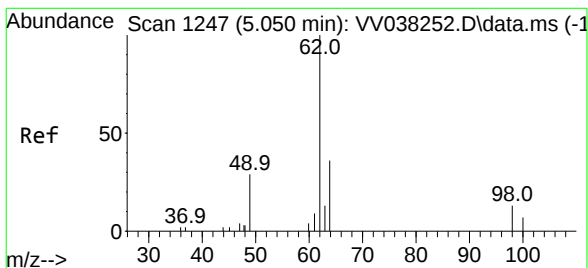
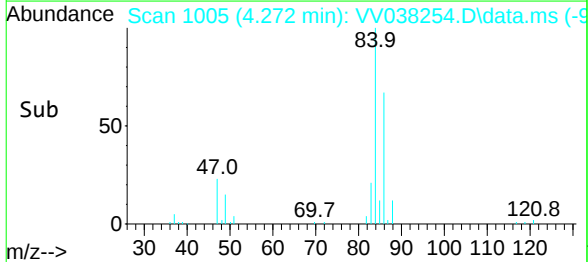
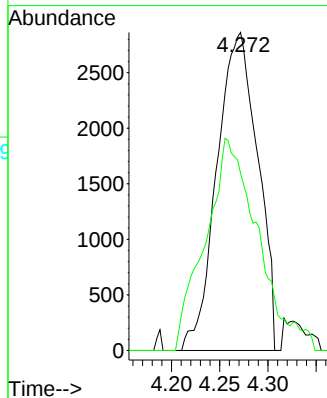
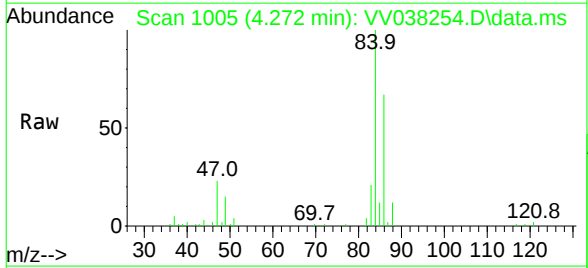
BG3M7

Tgt Ion: 83 Resp: 8421

Ion Ratio Lower Upper

83 100

85 55.8 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.265 ug/L

RT: 5.069 min Scan# 1253

Delta R.T. 0.035 min

Lab File: VV038254.D

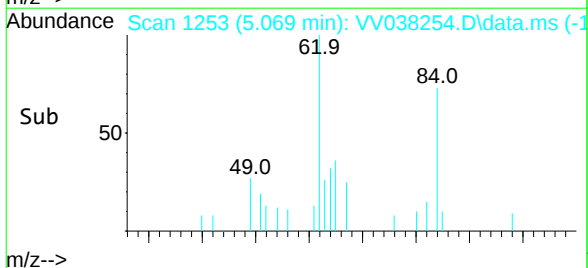
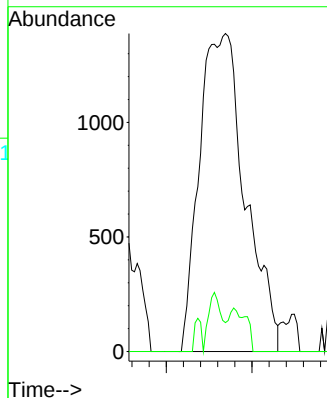
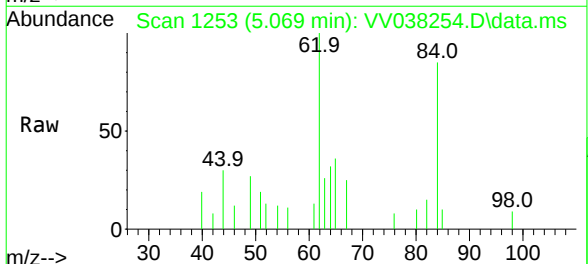
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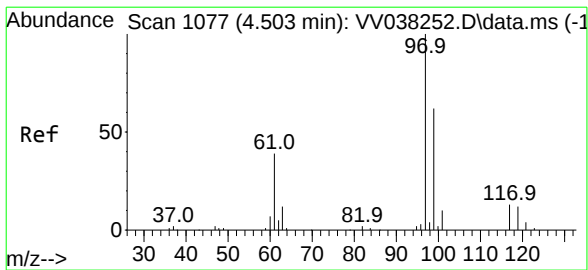
Tgt Ion: 62 Resp: 5151

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 2.027 ug/L

RT: 4.500 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV038254.D

Acq: 21 Nov 2024 22:54

Instrument :

MSVOA_V

ClientSampleId :

BG3M7

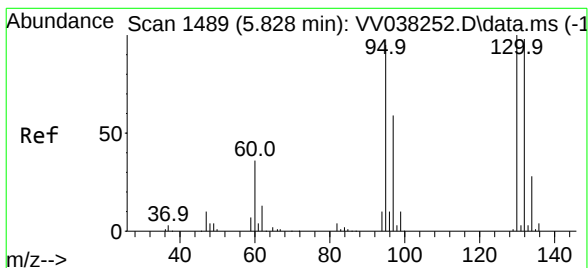
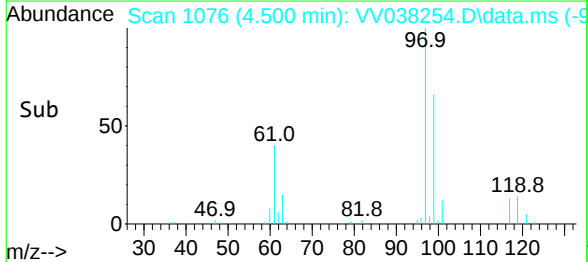
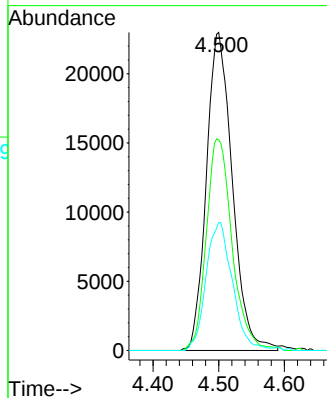
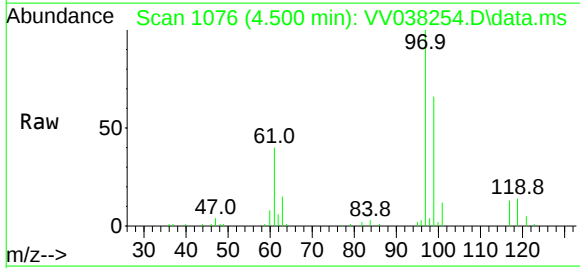
Tgt Ion: 97 Resp: 63060

Ion Ratio Lower Upper

97 100

99 66.4 51.8 77.8

61 40.8 32.2 48.2



#34

Trichloroethene

Concen: 0.972 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV038254.D

Acq: 21 Nov 2024 22:54

Tgt Ion: 95 Resp: 19311

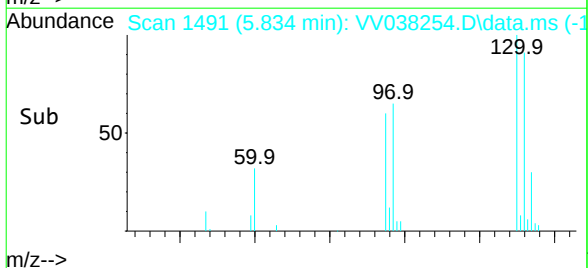
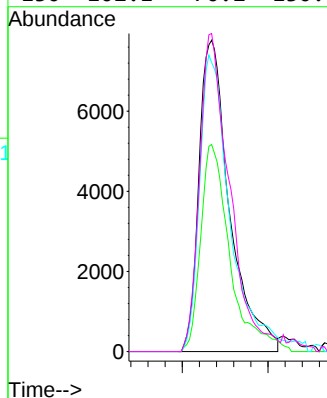
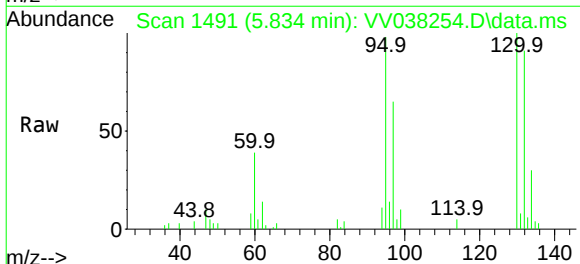
Ion Ratio Lower Upper

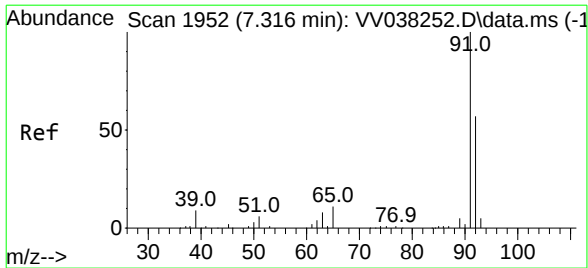
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97 66.5 44.8 83.2

132 92.9 68.3 126.8

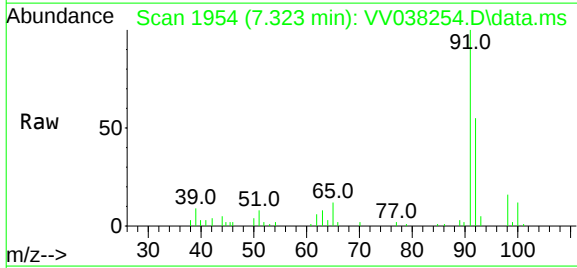
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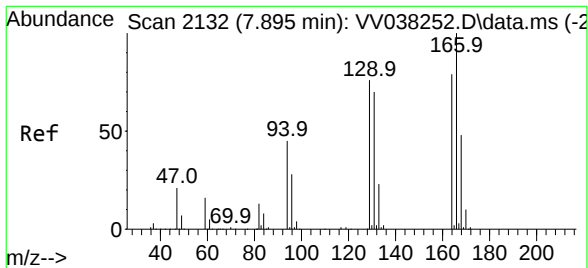
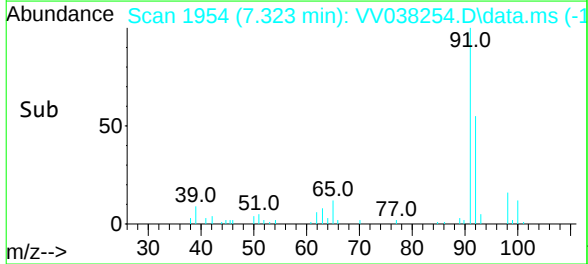
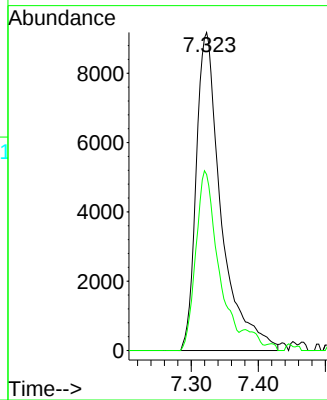


#42
Toluene
Concen: 0.307 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV038254.D
Acq: 21 Nov 2024 22:54

Instrument :
MSVOA_V
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BG3M7

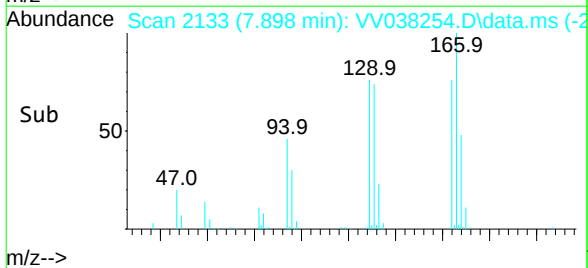
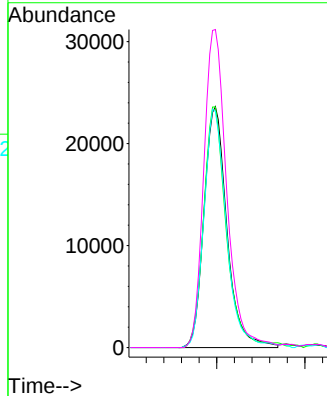
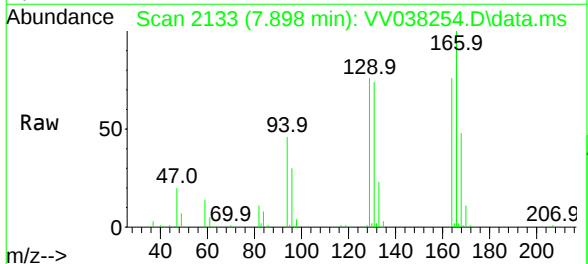


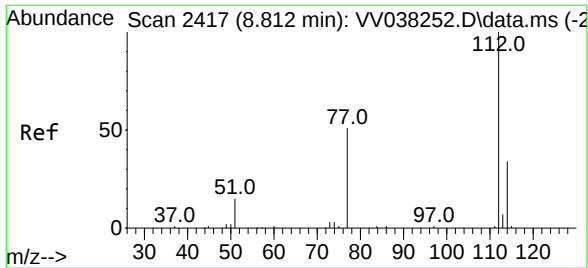
Tgt Ion: 91 Resp: 23707
Ion Ratio Lower Upper
91 100
92 55.3 40.8 75.8



#47
Tetrachloroethene
Concen: 2.671 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038254.D
Acq: 21 Nov 2024 22:54

Tgt Ion: 164 Resp: 42630
Ion Ratio Lower Upper
164 100
129 99.9 68.5 127.1
131 98.0 64.8 120.4
166 132.0 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.259 ug/L
 RT: 8.812 min Scan# 2417
 Delta R.T. 0.003 min
 Lab File: VV038254.D
 Acq: 21 Nov 2024 22:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M7

Tgt Ion:	112	Resp:	13751
Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.0	40.8
77	60.5	45.0	67.4

