

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038301.D
 Acq On : 23 Nov 2024 16:24
 Operator : SY/MD
 Sample : P4884-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M7

Quant Time: Nov 23 23:01:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

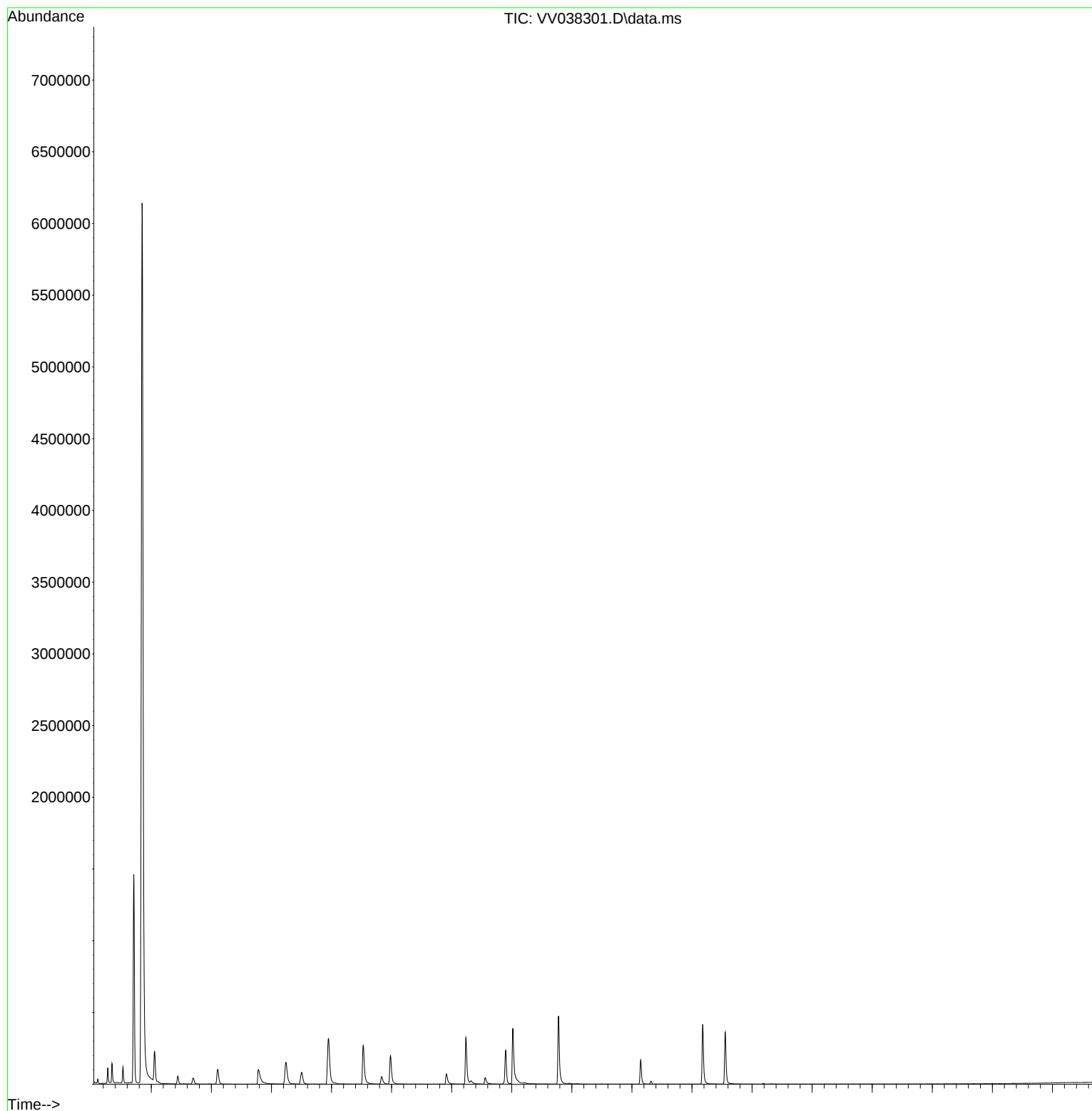
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	259403	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	280931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	118953	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66438	3.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.529	69	69774	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.053	65	31138	3.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.783	46	174904	43.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.940%
24) Chloroform-d	4.240	84	174207	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.934	65	87804	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.953	84	304314	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.982	67	105062	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.236	98	233669	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.558	79	33672	4.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.018	63	144752	44.829	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87419	4.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	99103	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.709	101	860577	25.252	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	15493	0.797	ug/L	94
16) Methylene chloride	2.442	84	24284	1.149	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	41934	1.001	ug/L	98
19) 1,1-Dichloroethane	3.105	63	110213	3.111	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	3107	0.154	ug/L	89
25) Chloroform	4.272	83	10441	0.275	ug/L	91
29) 1,1,1-Trichloroethane	4.503	97	70561	2.094	ug/L	99
34) Trichloroethene	5.834	95	21832	1.015	ug/L	96
42) Toluene	7.323	91	17944	0.215	ug/L	83
47) Tetrachloroethene	7.899	164	55698	3.222	ug/L	98
51) Chlorobenzene	8.815	112	13947	0.242	ug/L	89
67) 1,2-Dichlorobenzene	11.574	146	5029	0.148	ug/L	94

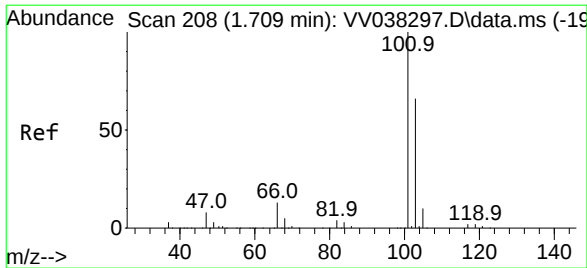
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 25.252 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV038301.D

Acq: 23 Nov 2024 16:24

Instrument :

MSVOA_V

ClientSampleId :

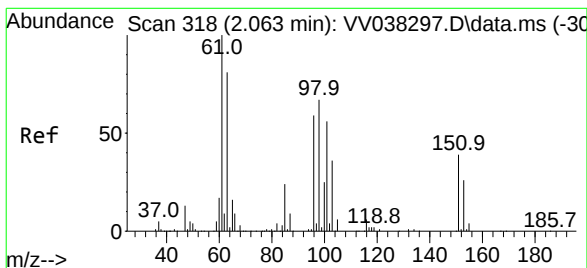
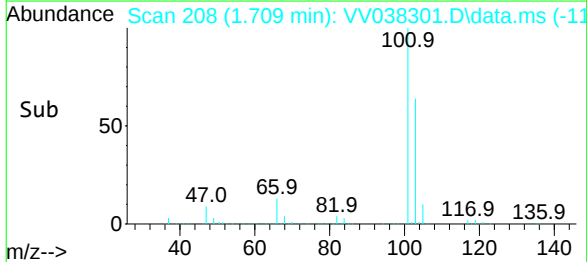
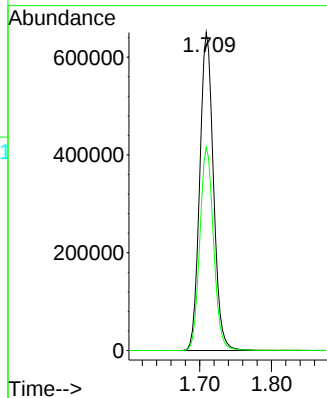
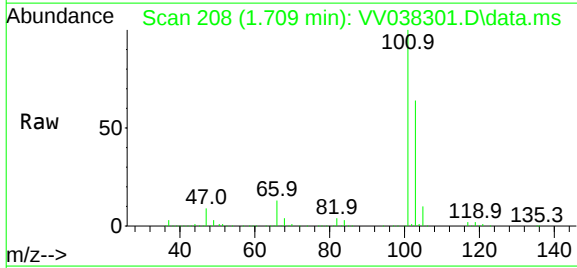
BG3M7

Tgt Ion:101 Resp: 860577

Ion Ratio Lower Upper

101 100

103 64.2 51.5 77.3



#10

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

Concen: 0.797 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038301.D

Acq: 23 Nov 2024 16:24

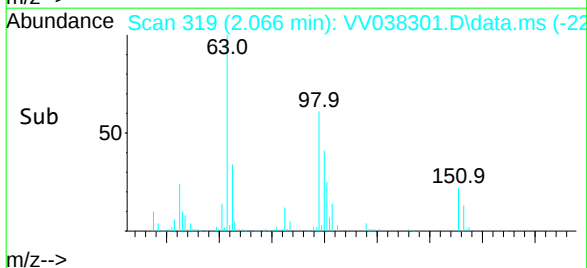
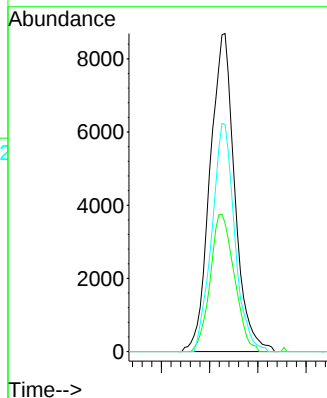
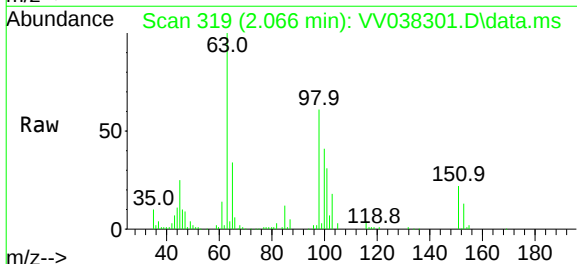
Tgt Ion:101 Resp: 15493

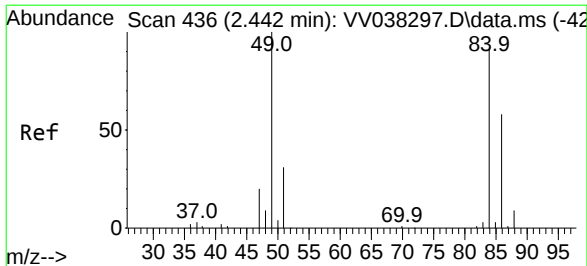
Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.0

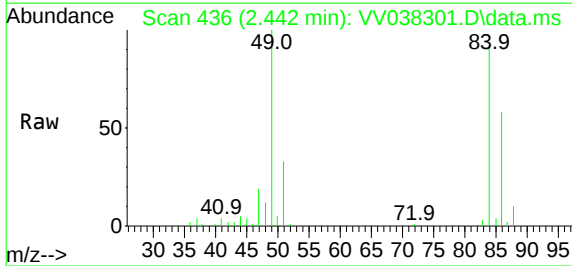
151 66.0 58.8 88.2



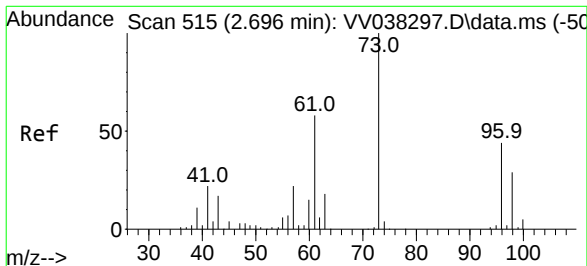
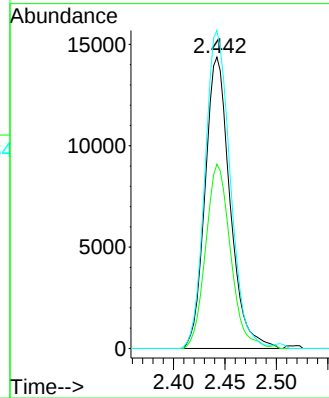
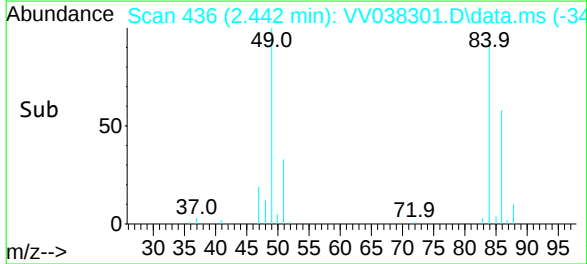


#16
Methylene chloride
Concen: 1.149 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

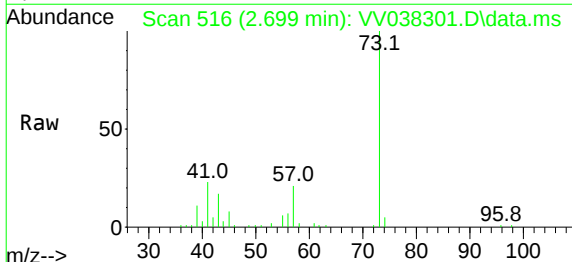
Instrument :
MSVOA_V
ClientSampleId :
BG3M7



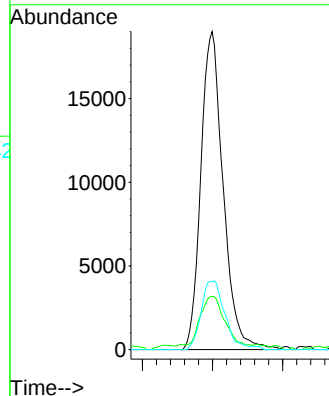
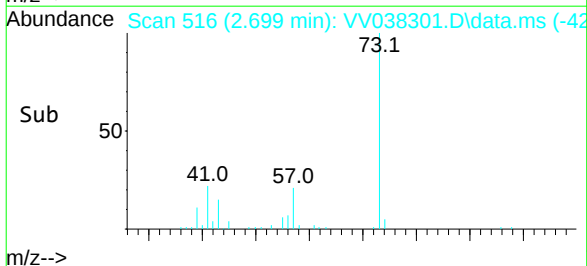
Tgt Ion: 84 Resp: 24284
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 109.2 74.9 139.1

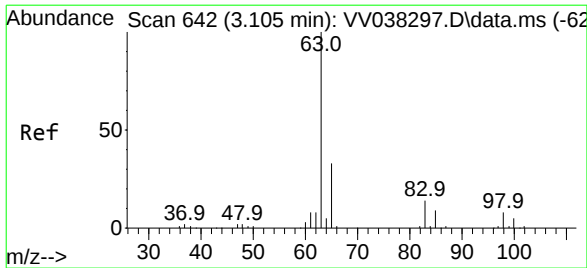


#17
Methyl tert-butyl Ether
Concen: 1.001 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24



Tgt Ion: 73 Resp: 41934
Ion Ratio Lower Upper
73 100
43 19.1 14.2 21.2
57 22.8 17.6 26.4

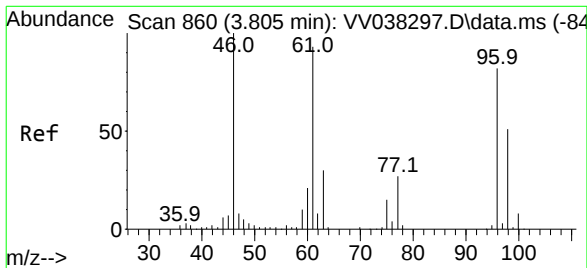
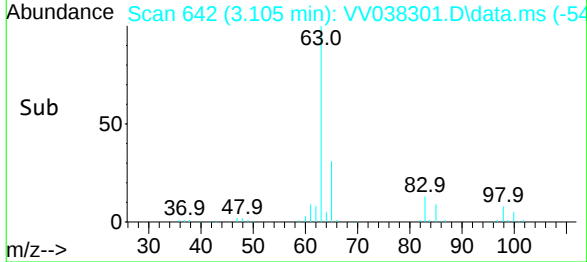
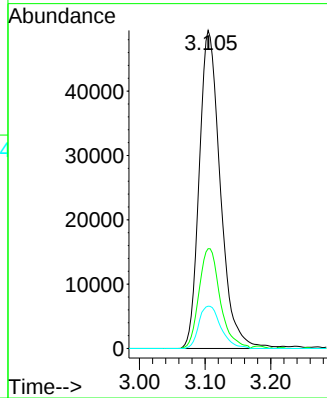
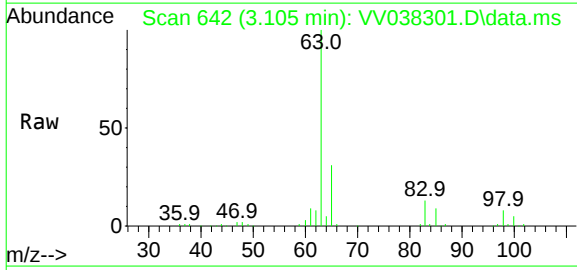




#19
1,1-Dichloroethane
Concen: 3.111 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

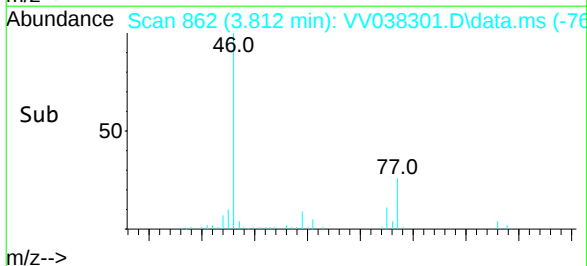
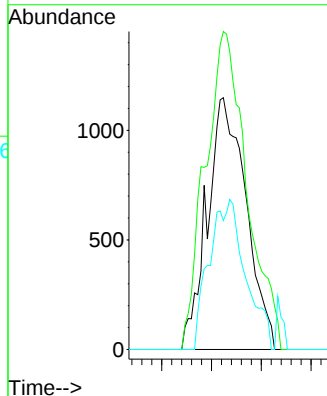
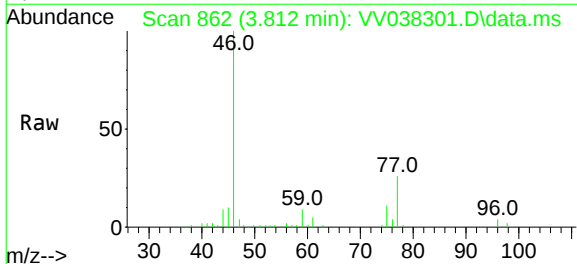
Instrument :
MSVOA_V
ClientSampleId :
BG3M7

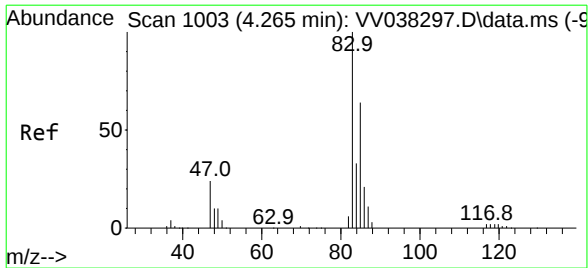
Tgt Ion:	63	Resp:	110213
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.5	41.7
83	13.3	10.1	18.9



#22
cis-1,2-Dichloroethene
Concen: 0.154 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Tgt Ion:	96	Resp:	3107
Ion	Ratio	Lower	Upper
96	100		
61	126.3	82.7	153.5
98	51.2	46.3	85.9

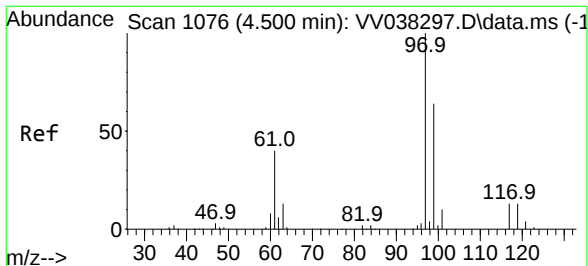
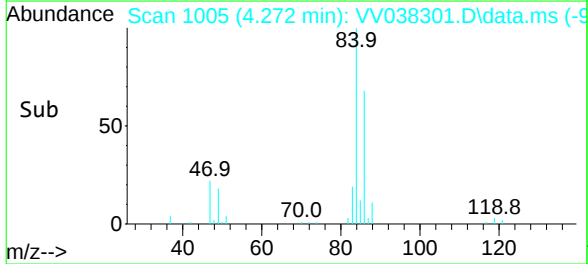
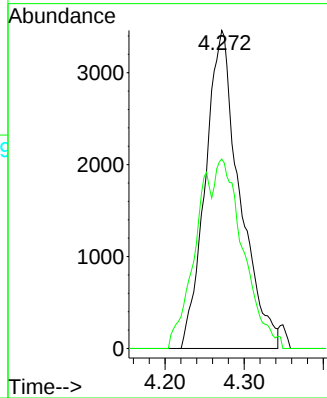
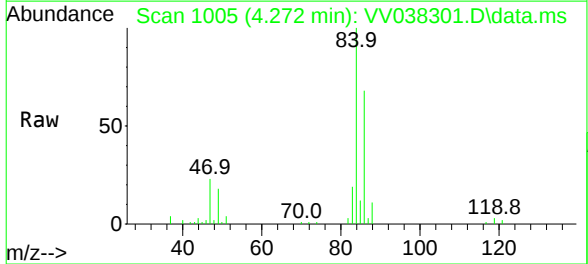




#25
Chloroform
Concen: 0.275 ug/L
RT: 4.272 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

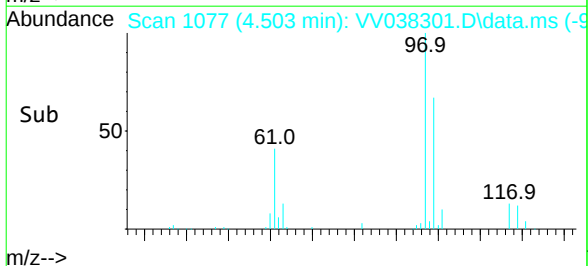
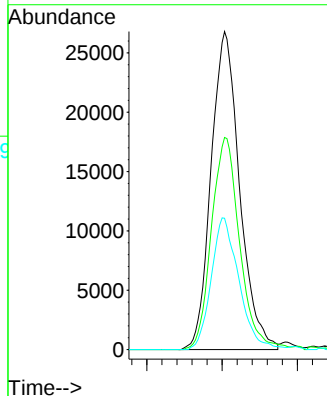
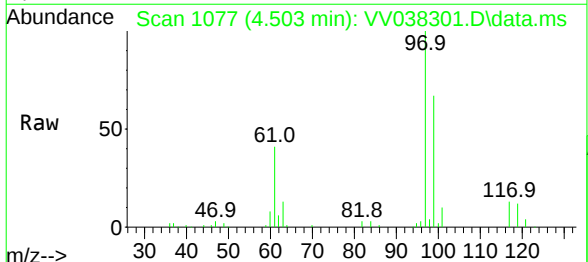
Instrument :
MSVOA_V
ClientSampleId :
BG3M7

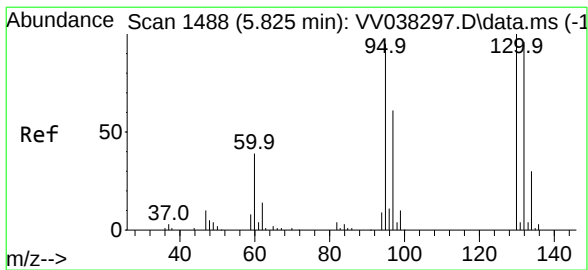
Tgt Ion: 83 Resp: 10441
Ion Ratio Lower Upper
83 100
85 59.6 46.5 86.3



#29
1,1,1-Trichloroethane
Concen: 2.094 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038301.D
Acq: 23 Nov 2024 16:24

Tgt Ion: 97 Resp: 70561
Ion Ratio Lower Upper
97 100
99 65.8 51.8 77.8
61 40.2 32.2 48.2





#34

Trichloroethene

Concen: 1.015 ug/L

RT: 5.834 min Scan# 14

Delta R.T. 0.006 min

Lab File: VV038301.D

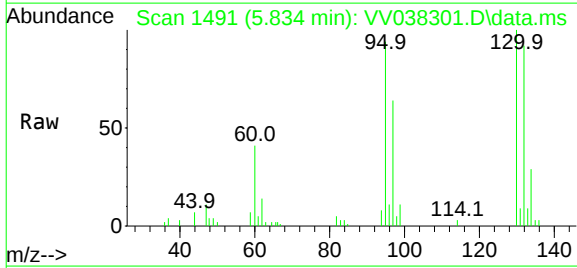
Acq: 23 Nov 2024 16:24

Instrument :

MSVOA_V

ClientSampleId :

BG3M7



Tgt Ion: 95 Resp: 21832

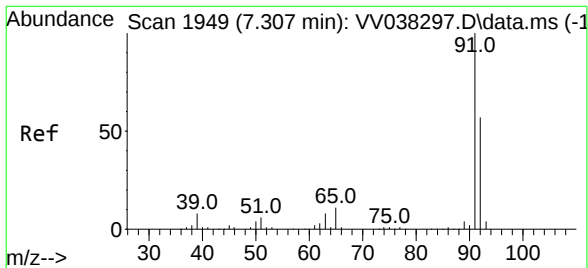
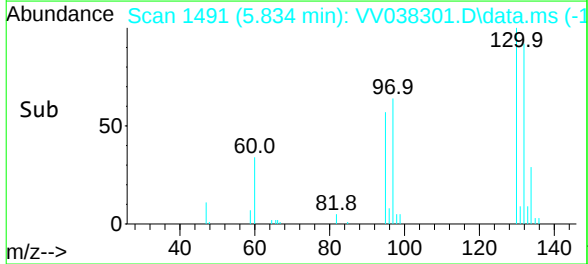
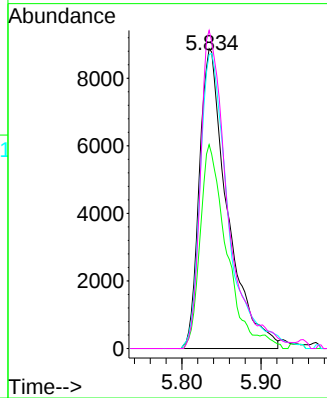
Ion Ratio Lower Upper

95 100

97 68.0 44.8 83.2

132 98.1 68.3 126.8

130 106.1 70.2 130.4



#42

Toluene

Concen: 0.215 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038301.D

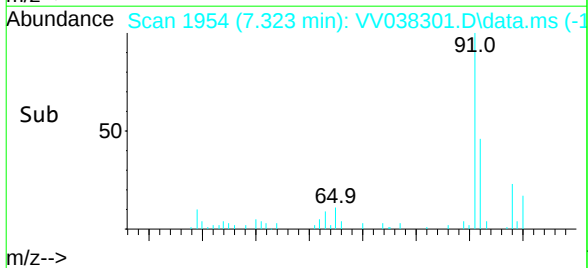
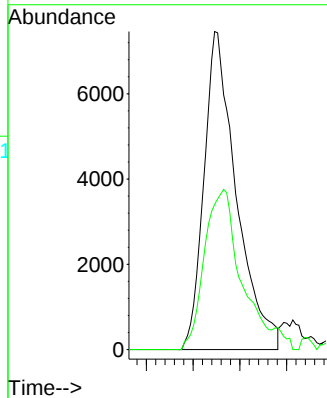
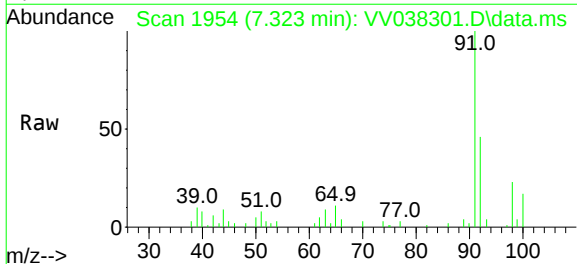
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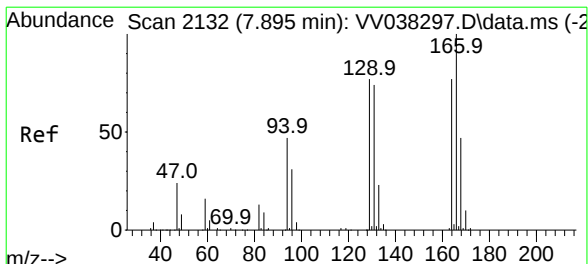
Tgt Ion: 91 Resp: 17944

Ion Ratio Lower Upper

91 100

92 45.6 40.8 75.8

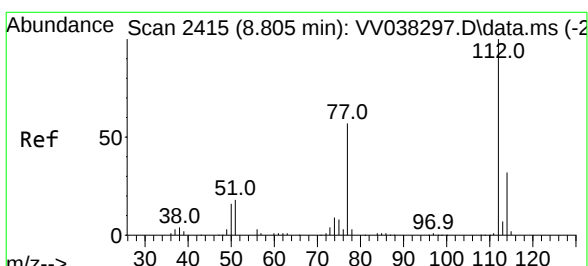
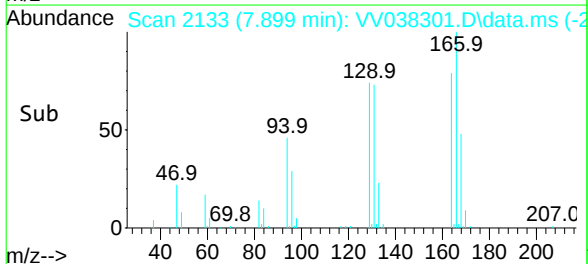
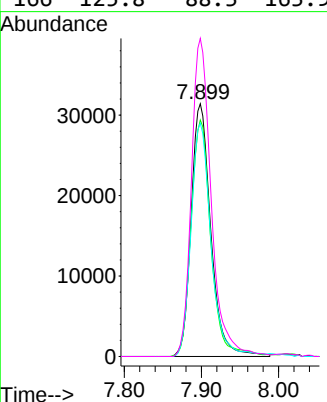
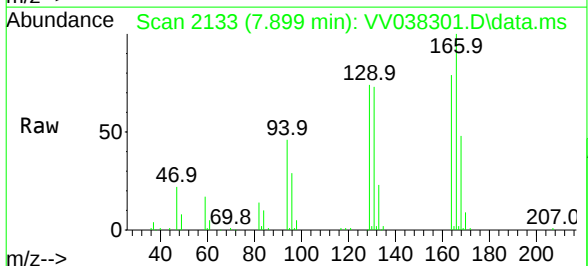




#47
Tetrachloroethene
 Concen: 3.222 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.003 min
 Lab File: VV038301.D
 Acq: 23 Nov 2024 16:24

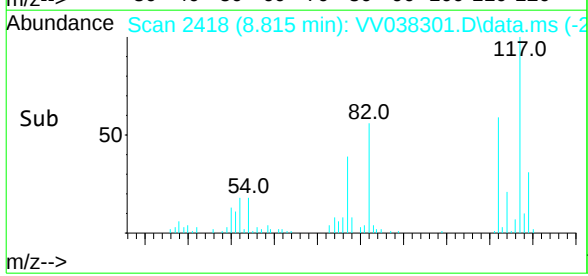
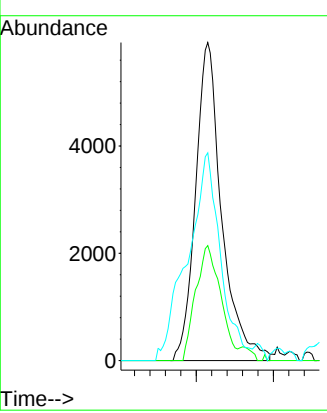
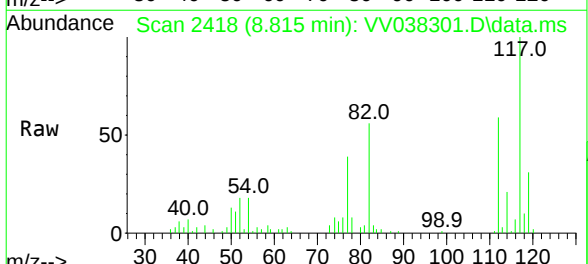
Instrument : MSVOA_V
ClientSampleId : BG3M7

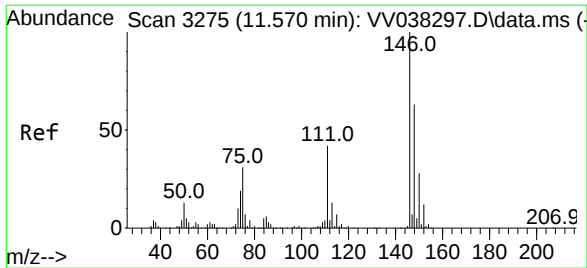
Tgt Ion:	164	Resp:	55698
Ion Ratio	Lower	Upper	
164	100		
129	93.6	68.5	127.1
131	92.3	64.8	120.4
166	125.8	88.3	163.9



#51
Chlorobenzene
 Concen: 0.242 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.010 min
 Lab File: VV038301.D
 Acq: 23 Nov 2024 16:24

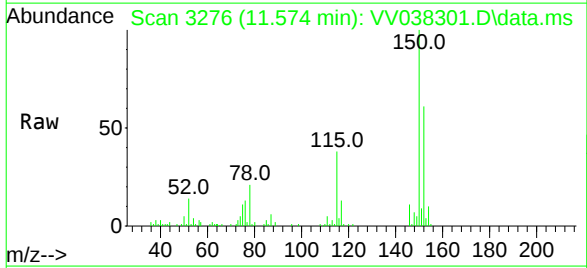
Tgt Ion:	112	Resp:	13947
Ion Ratio	Lower	Upper	
112	100		
114	36.1	22.0	40.8
77	65.3	45.0	67.4





#67
 1,2-Dichlorobenzene
 Concen: 0.148 ug/L
 RT: 11.574 min Scan# 32
 Delta R.T. 0.003 min
 Lab File: VV038301.D
 Acq: 23 Nov 2024 16:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M7



Tgt Ion:	146	Resp:	5029
Ion	Ratio	Lower	Upper
146	100		
111	48.8	34.2	51.2
148	66.6	51.0	76.4

