

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038317.D
 Acq On : 23 Nov 2024 22:50
 Operator : SY/MD
 Sample : P4884-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N7

Quant Time: Nov 24 00:52:57 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)

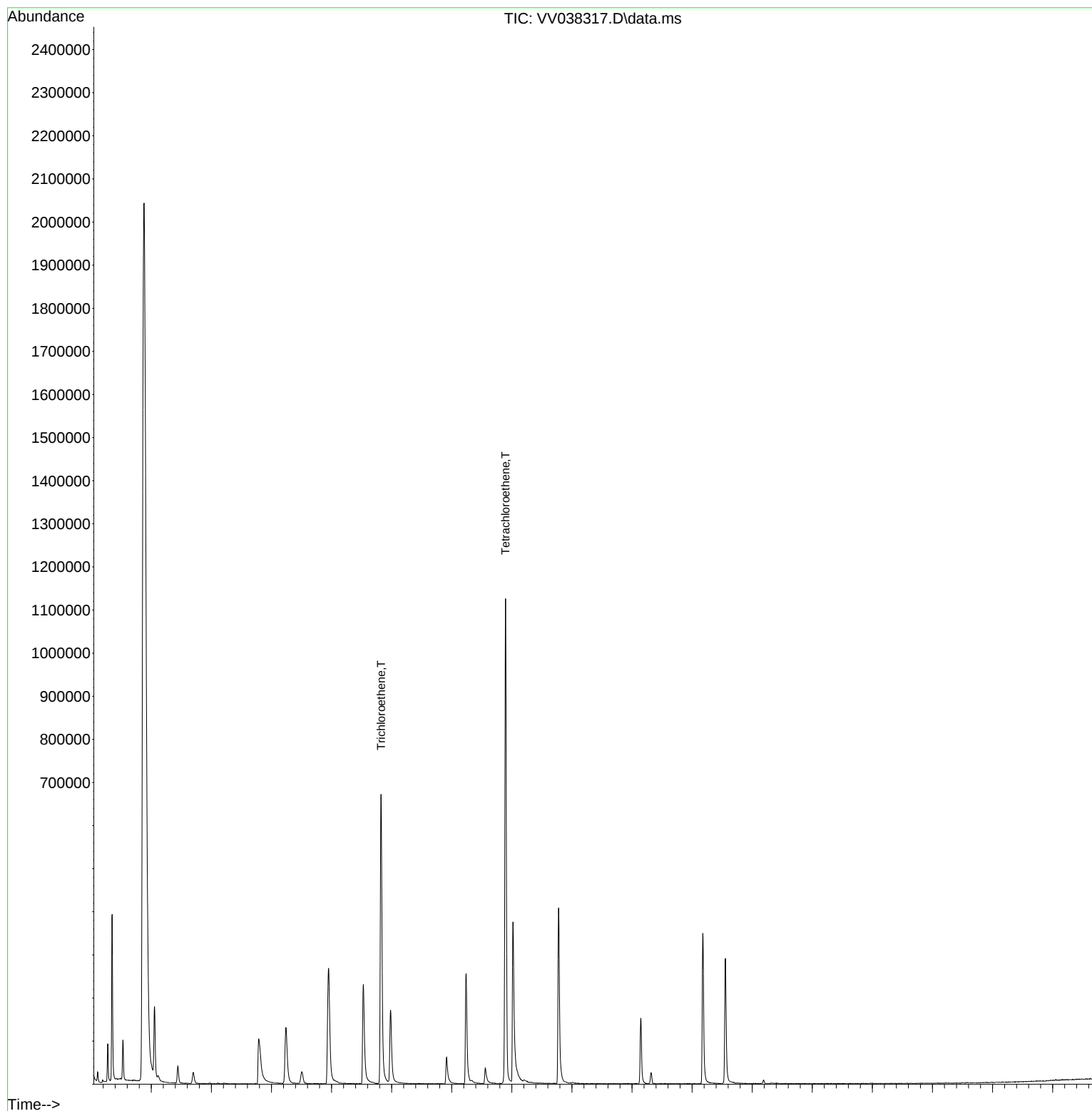
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	218342	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	243253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	99128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	55623	3.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.529	69	59453	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.053	65	25700	3.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.786	46	177795	53.107	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.220%
24) Chloroform-d	4.240	84	148669	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.937	65	76540	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	4.953	84	251763	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	5.982	67	90218	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.240	98	188934	3.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	7.558	79	27130	3.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.018	63	139982	50.067	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.140%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78001	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	80802	4.784	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.105	85	4868	0.236	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3340	0.204	ug/L #	75
16) Methylene chloride	2.442	84	17355	0.976	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	19211	0.545	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	2468	0.150	ug/L	84
22) cis-1,2-Dichloroethene	3.812	96	13170	0.775	ug/L	97
25) Chloroform	4.281	83	5071	0.159	ug/L	95
29) 1,1,1-Trichloroethane	4.507	97	23275	0.798	ug/L	97
34) Trichloroethene	5.825	95	253219	13.595	ug/L	98
47) Tetrachloroethene	7.895	164	250944	16.766	ug/L	98
51) Chlorobenzene	8.815	112	8727	0.175	ug/L	93

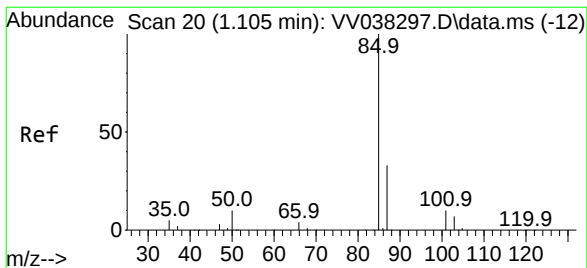
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038317.D
Acq On : 23 Nov 2024 22:50
Operator : SY/MD
Sample : P4884-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3N7

Quant Time: Nov 24 00:52:57 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





#2

Dichlorodifluoromethane

Concen: 0.236 ug/L

RT: 1.105 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV038317.D

Acq: 23 Nov 2024 22:50

Instrument :

MSVOA_V

ClientSampleId :

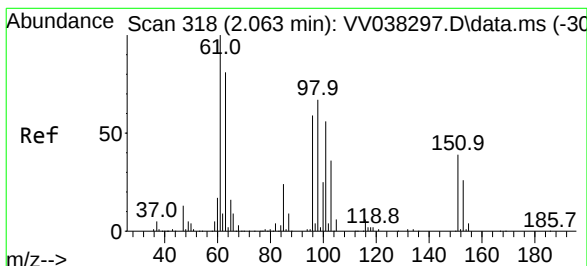
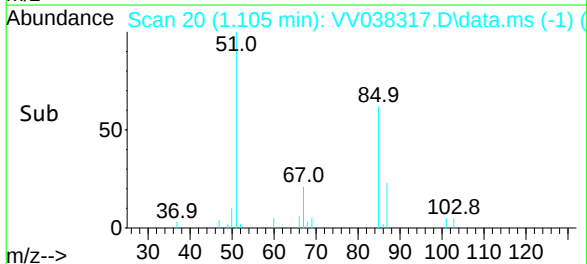
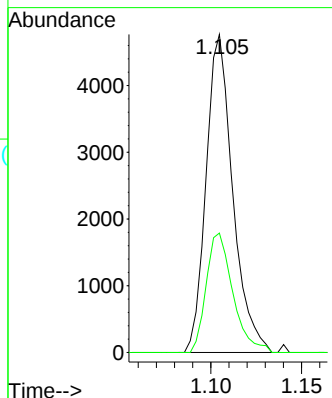
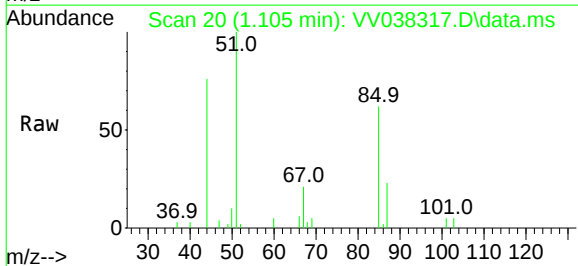
BG3N7

Tgt Ion: 85 Resp: 4868

Ion Ratio Lower Upper

85 100

87 37.5 26.5 39.7



#10

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

Concen: 0.204 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV038317.D

Acq: 23 Nov 2024 22:50

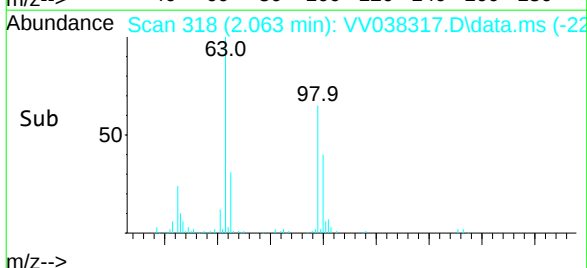
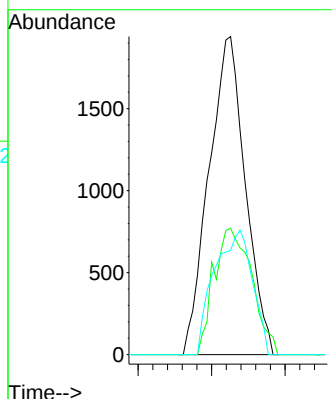
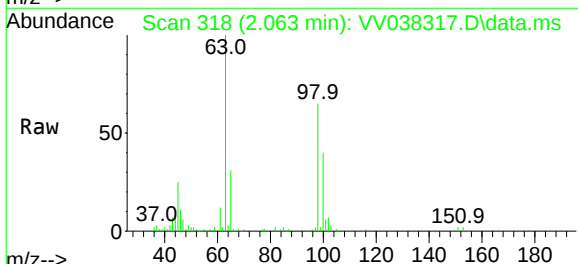
Tgt Ion: 101 Resp: 3340

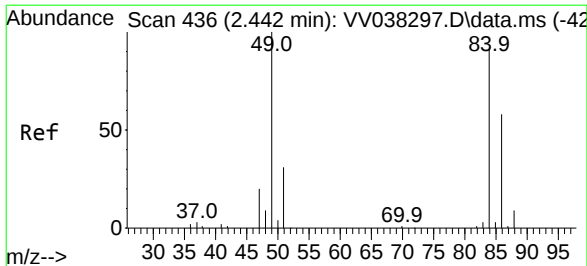
Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.0

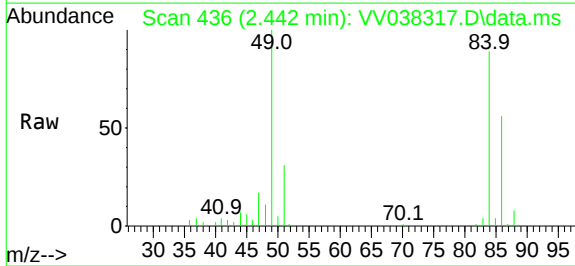
151 40.8 58.8 88.2#



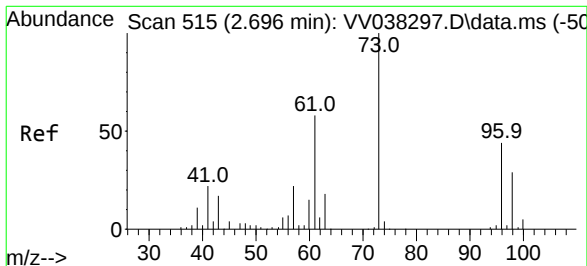
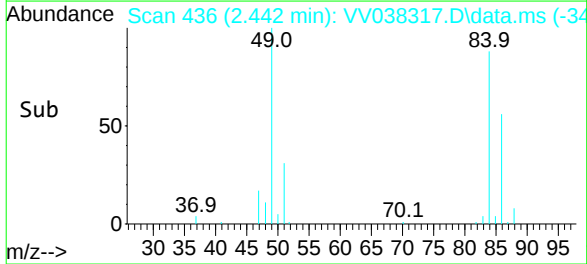
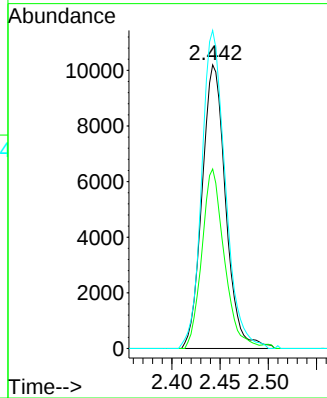


#16
Methylene chloride
Concen: 0.976 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Instrument :
MSVOA_V
ClientSampleId :
BG3N7

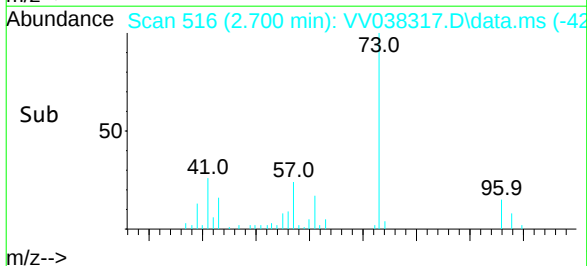
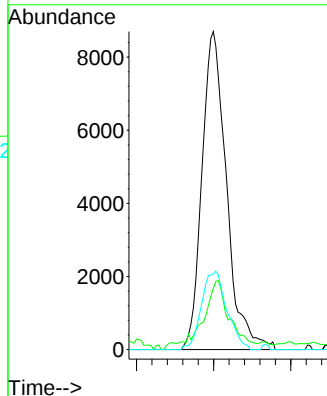
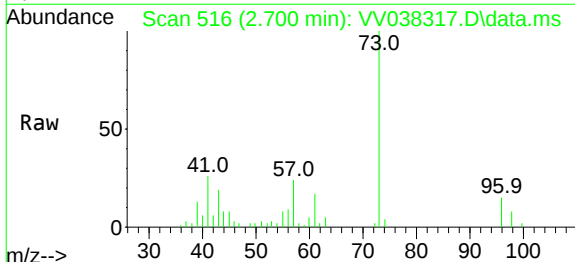


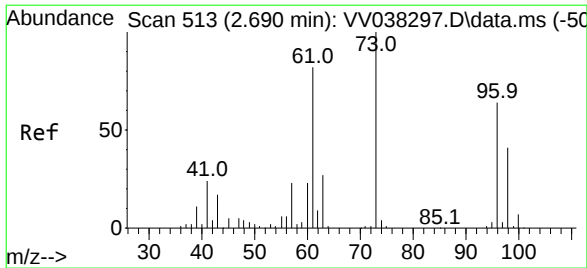
Tgt Ion: 84 Resp: 17355
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 112.1 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.545 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Tgt Ion: 73 Resp: 19211
Ion Ratio Lower Upper
73 100
43 19.3 14.2 21.2
57 25.5 17.6 26.4

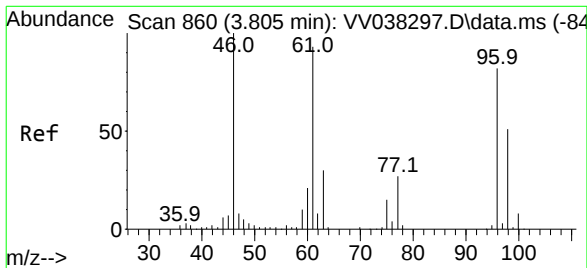
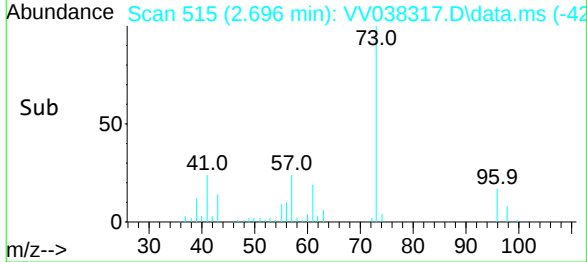
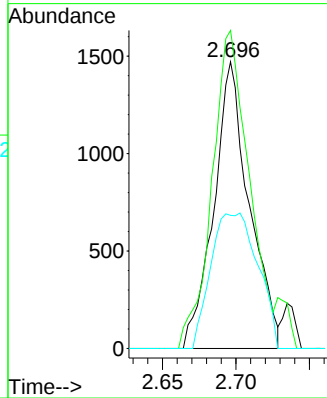
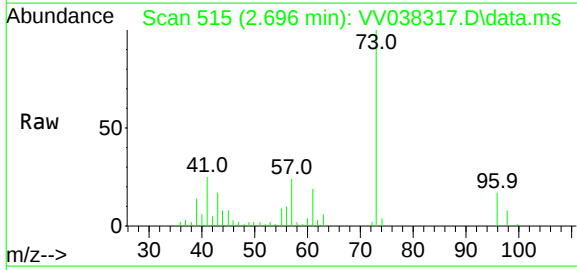




#18
trans-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 2.696 min Scan# 513
Delta R.T. 0.007 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

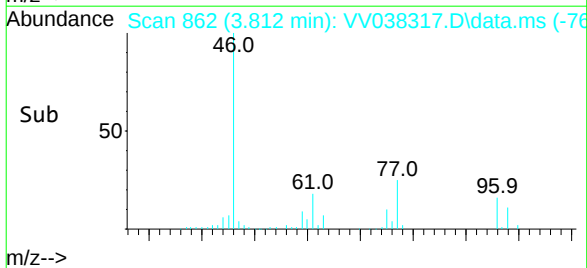
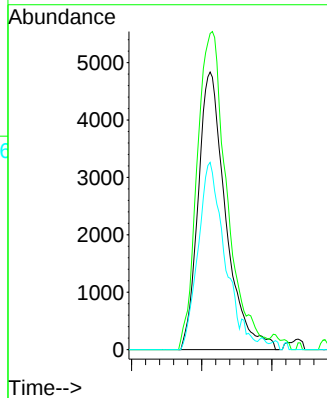
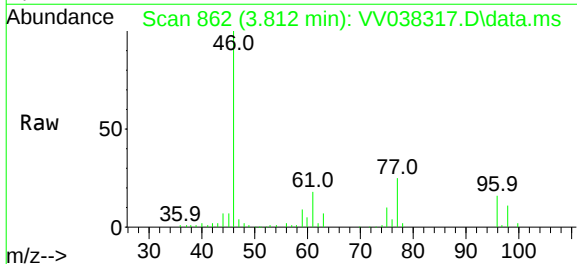
Instrument :
MSVOA_V
ClientSampleId :
BG3N7

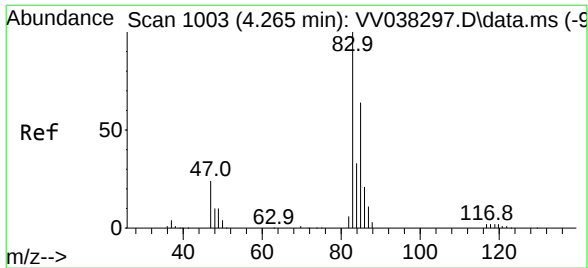
Tgt Ion:	96	Resp:	2468
Ion	Ratio	Lower	Upper
96	100		
61	110.9	88.5	164.4
98	46.4	43.9	81.5



#22
cis-1,2-Dichloroethene
Concen: 0.775 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Tgt Ion:	96	Resp:	13170
Ion	Ratio	Lower	Upper
96	100		
61	113.9	82.7	153.5
98	67.5	46.3	85.9

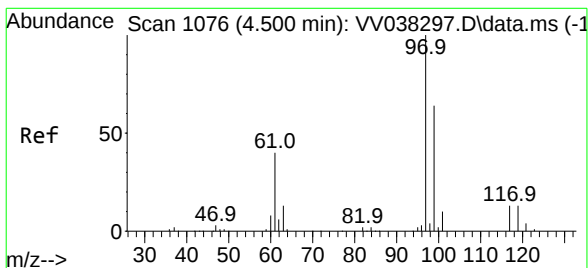
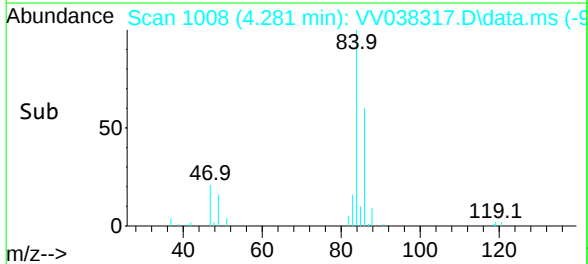
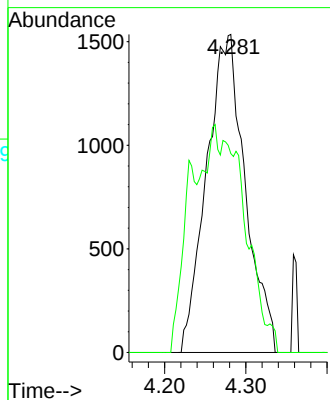
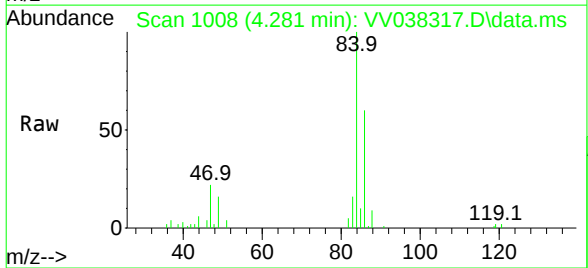




#25
 Chloroform
 Concen: 0.159 ug/L
 RT: 4.281 min Scan# 1008
 Delta R.T. 0.013 min
 Lab File: VV038317.D
 Acq: 23 Nov 2024 22:50

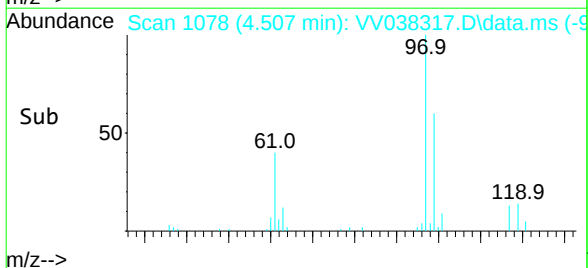
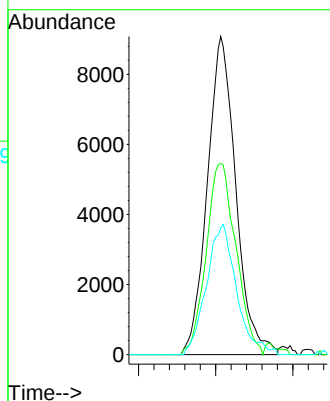
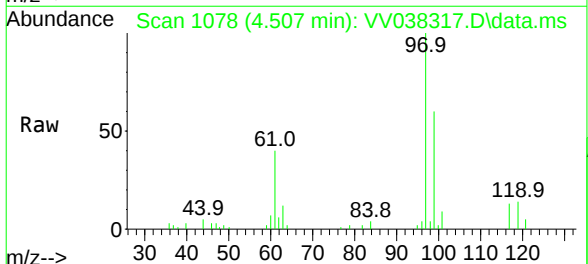
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N7

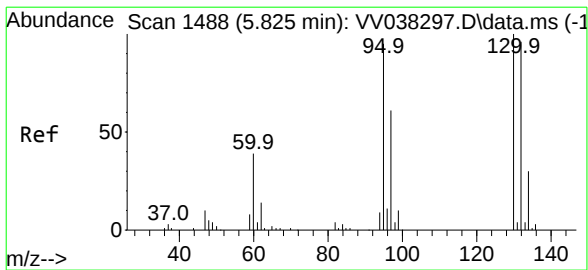
Tgt Ion:	83	Resp:	5071
Ion	Ratio	Lower	Upper
83	100		
85	62.5	46.5	86.3



#29
 1,1,1-Trichloroethane
 Concen: 0.798 ug/L
 RT: 4.507 min Scan# 1078
 Delta R.T. 0.003 min
 Lab File: VV038317.D
 Acq: 23 Nov 2024 22:50

Tgt Ion:	97	Resp:	23275
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.8	77.8
61	43.3	32.2	48.2





#34

Trichloroethene

Concen: 13.595 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV038317.D

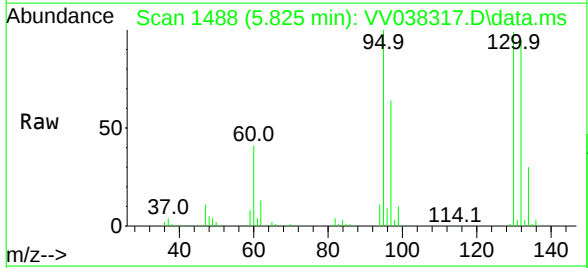
Acq: 23 Nov 2024 22:50

Instrument :

MSVOA_V

ClientSampleId :

BG3N7



Tgt Ion: 95 Resp: 253219

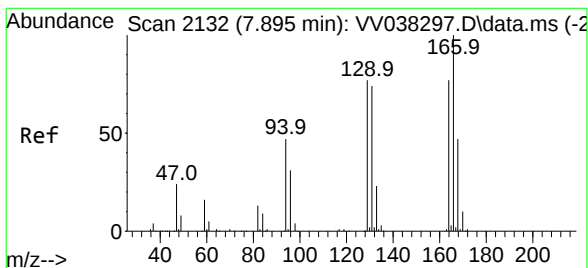
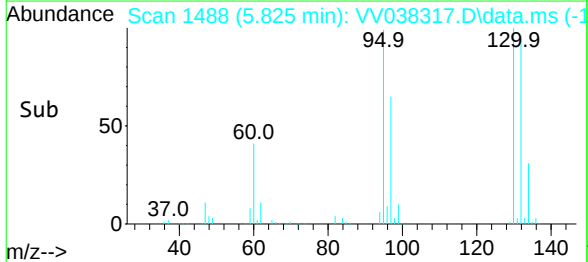
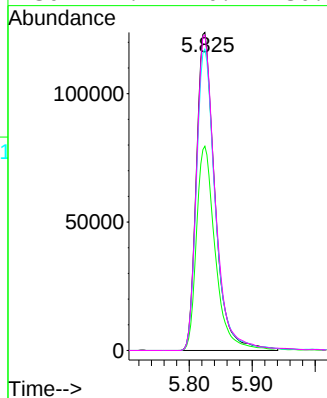
Ion Ratio Lower Upper

95 100

97 64.2 44.8 83.2

132 94.7 68.3 126.8

130 99.2 70.2 130.4



#47

Tetrachloroethene

Concen: 16.766 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038317.D

Acq: 23 Nov 2024 22:50

Tgt Ion: 164 Resp: 250944

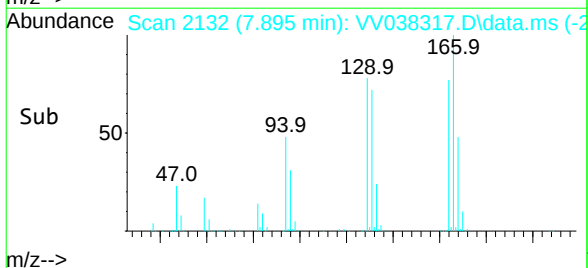
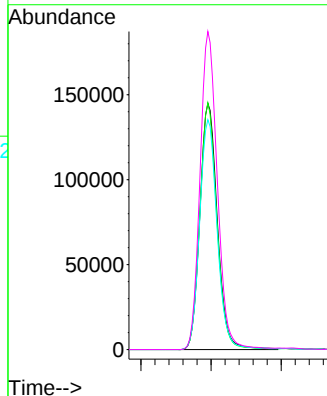
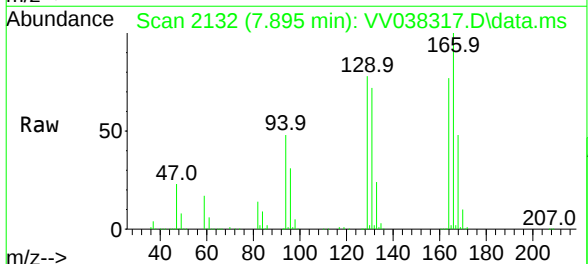
Ion Ratio Lower Upper

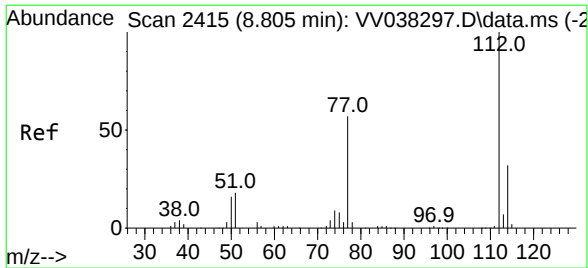
164 100

129 100.2 68.5 127.1

131 93.4 64.8 120.4

166 129.2 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.175 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.010 min
 Lab File: VV038317.D
 Acq: 23 Nov 2024 22:50

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N7

Tgt Ion:112 Resp: 8727

Ion	Ratio	Lower	Upper
112	100		
114	35.3	22.0	40.8
77	61.2	45.0	67.4

