

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038261.D
 Acq On : 22 Nov 2024 10:56
 Operator : SY/MD
 Sample : P4883-17DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L6DL

Quant Time: Nov 22 23:59:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

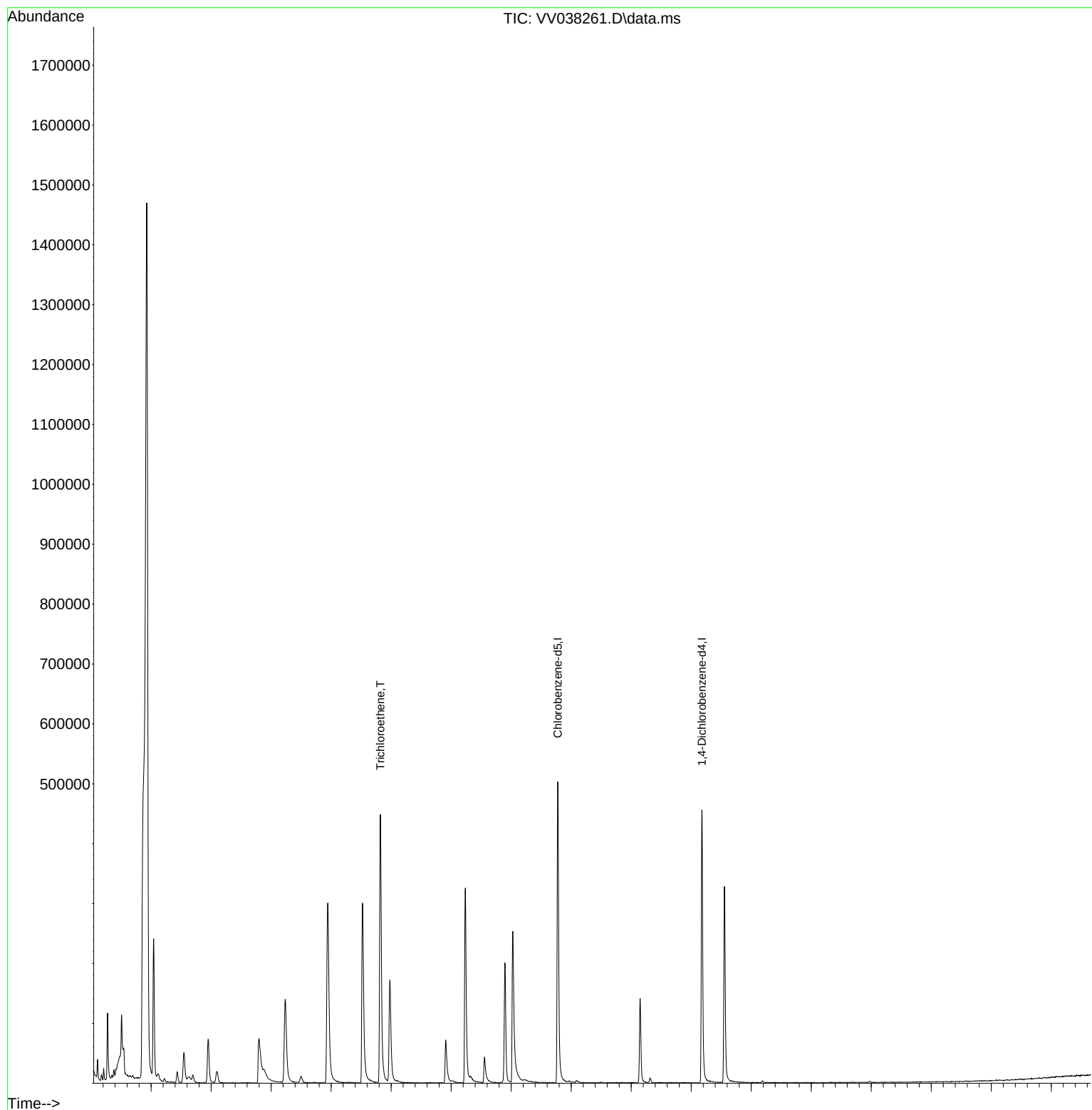
Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	290219	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	306507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	126574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80610	3.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.507	69	39112	2.174	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	43.400%#
11) 1,1-Dichloroethene-d2	2.040	65	36384	3.801	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.793	46	136478	30.669	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.340%
24) Chloroform-d	4.236	84	159400	3.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	4.934	65	71918	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
32) Benzene-d6	4.947	84	291091	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	5.979	67	91609	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.200%
41) Toluene-d8	7.236	98	244236	3.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.555	79	31984	3.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.027	63	104386	29.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	72449	3.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	92371	4.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
3) Chloromethane	1.211	50	10927	0.462	ug/L	98
16) Methylene chloride	2.436	84	8091	0.342	ug/L	96
17) Methyl tert-butyl Ether	2.696	73	11980	0.256	ug/L	97
19) 1,1-Dichloroethane	3.101	63	13958	0.352	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	7831	0.347	ug/L	91
29) 1,1,1-Trichloroethane	4.500	97	8960	0.244	ug/L	98
34) Trichloroethene	5.821	95	170022	7.244	ug/L	99
47) Tetrachloroethene	7.895	164	49016	2.599	ug/L	96

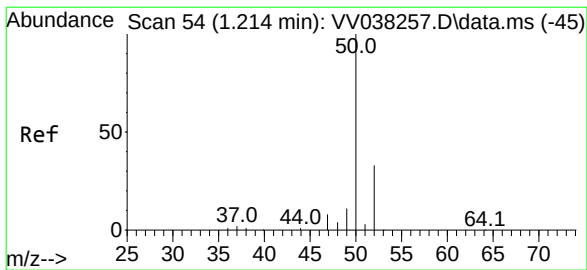
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038261.D
Acq On : 22 Nov 2024 10:56
Operator : SY/MD
Sample : P4883-17DL 2X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3L6DL

Quant Time: Nov 22 23:59:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.462 ug/L

RT: 1.211 min Scan# 53

Delta R.T. -0.003 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

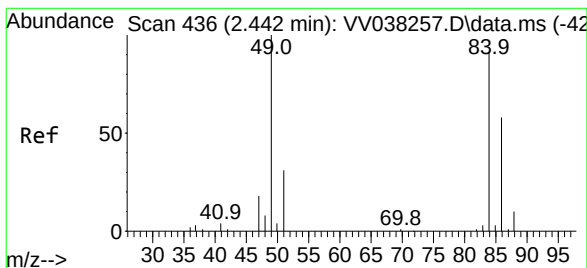
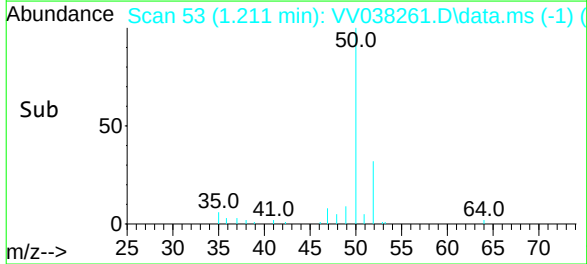
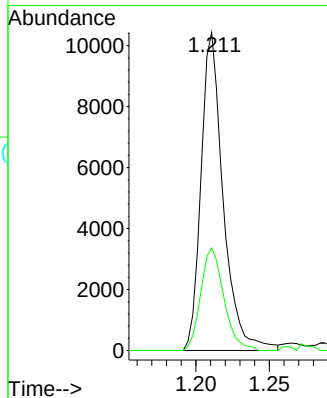
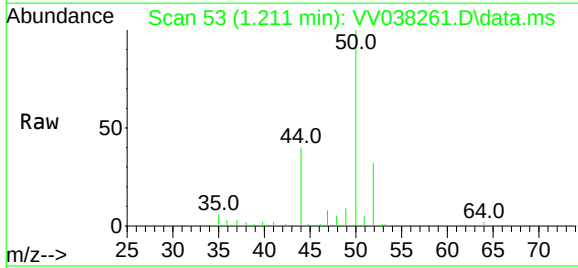
BG3L6DL

Tgt Ion: 50 Resp: 10927

Ion Ratio Lower Upper

50 100

52 32.3 23.5 43.7



#16

Methylene chloride

Concen: 0.342 ug/L

RT: 2.436 min Scan# 434

Delta R.T. -0.007 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

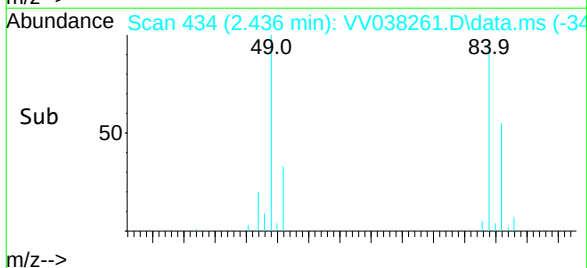
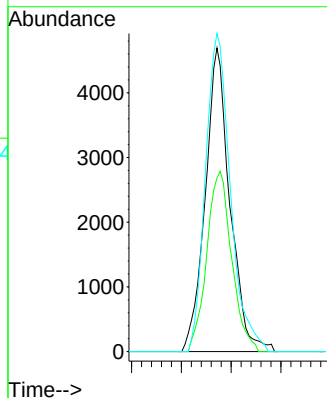
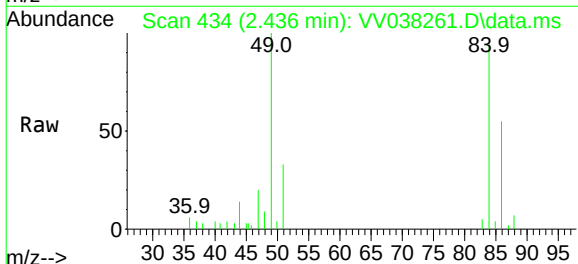
Tgt Ion: 84 Resp: 8091

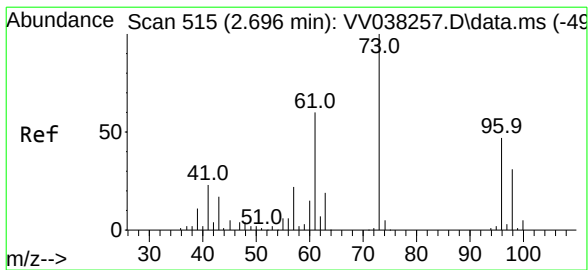
Ion Ratio Lower Upper

84 100

86 57.2 44.2 82.2

49 104.8 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.256 ug/L

RT: 2.696 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

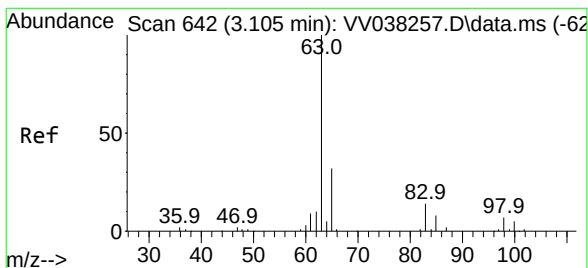
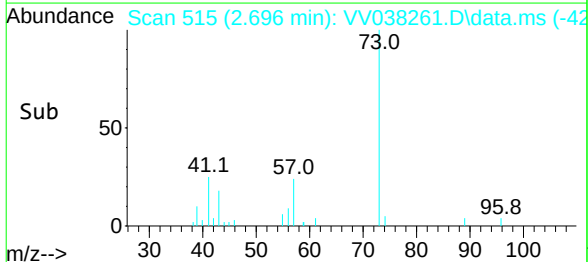
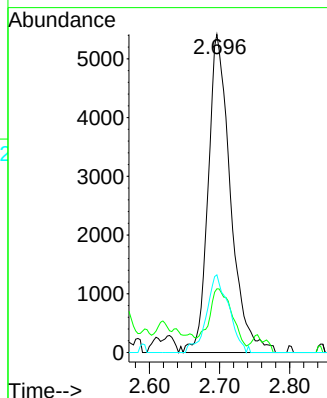
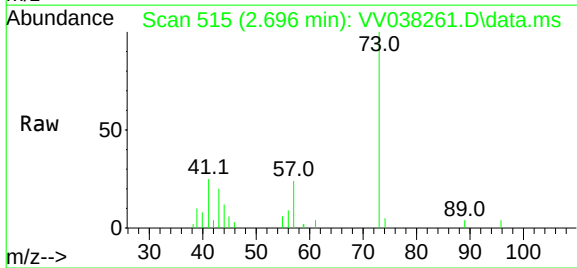
Instrument :

MSVOA_V

ClientSampleId :

BG3L6DL

Tgt Ion: 73	Resp: 11980
Ion Ratio	Lower Upper
73 100	
43 18.1	14.2 21.2
57 24.4	17.6 26.4



#19

1,1-Dichloroethane

Concen: 0.352 ug/L

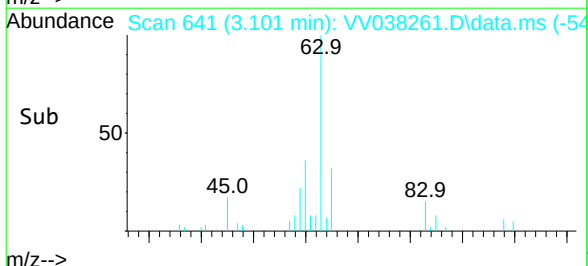
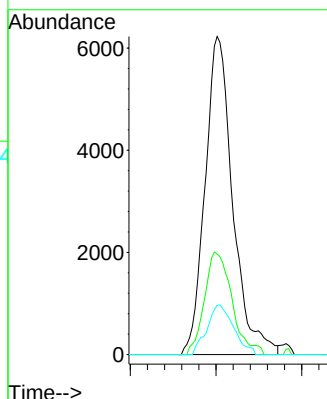
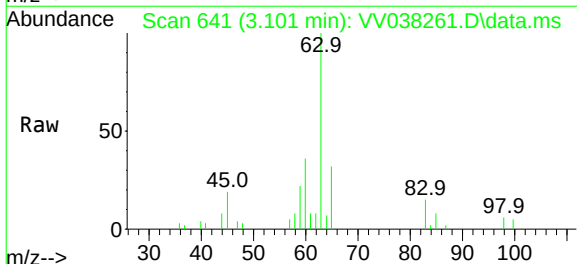
RT: 3.101 min Scan# 641

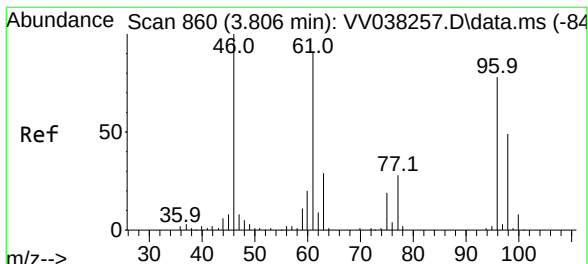
Delta R.T. -0.003 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

Tgt Ion: 63	Resp: 13958
Ion Ratio	Lower Upper
63 100	
65 31.6	22.5 41.7
83 15.5	10.1 18.9

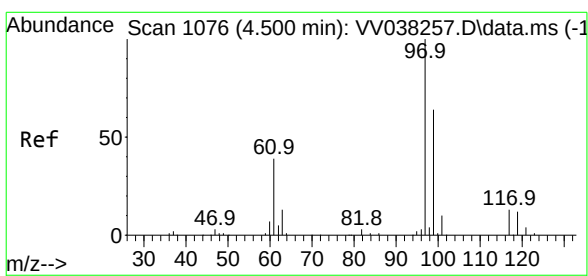
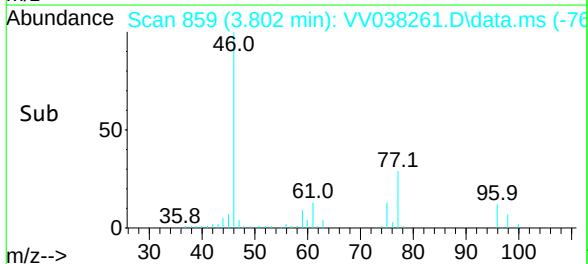
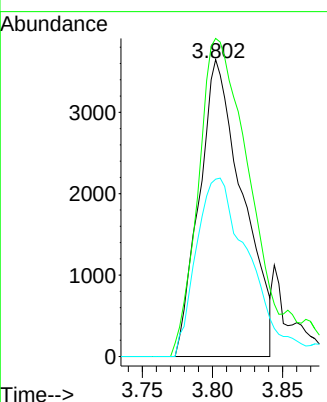
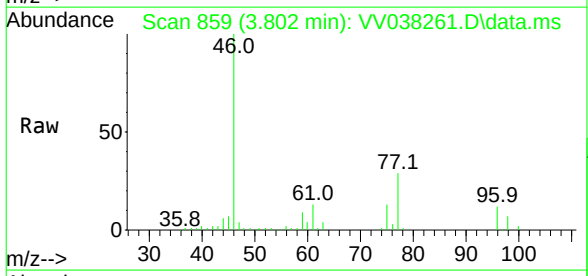




#22
 cis-1,2-Dichloroethene
 Concen: 0.347 ug/L
 RT: 3.802 min Scan# 859
 Delta R.T. -0.003 min
 Lab File: VV038261.D
 Acq: 22 Nov 2024 10:56

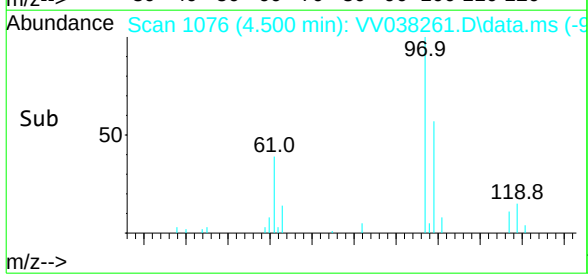
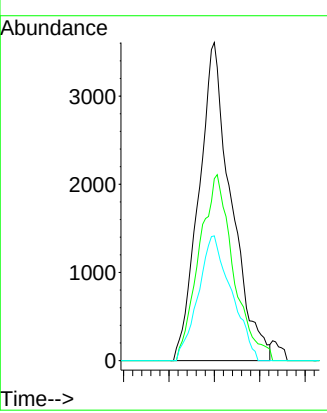
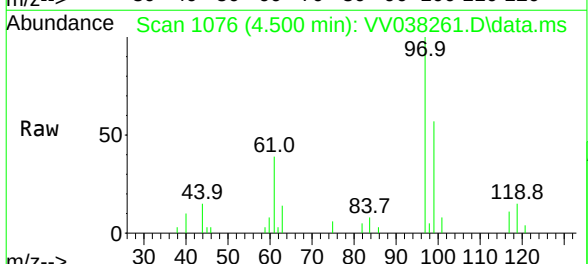
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L6DL

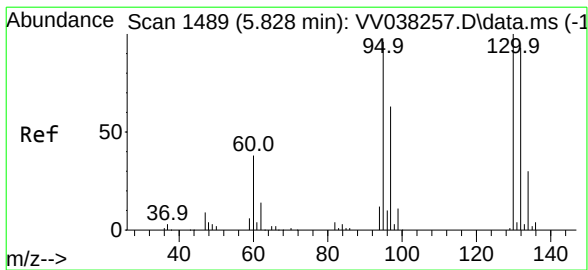
Tgt Ion: 96	Resp: 7831
Ion Ratio	Lower Upper
96 100	
61 107.1	82.7 153.5
98 59.7	46.3 85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.244 ug/L
 RT: 4.500 min Scan# 1076
 Delta R.T. -0.000 min
 Lab File: VV038261.D
 Acq: 22 Nov 2024 10:56

Tgt Ion: 97	Resp: 8960
Ion Ratio	Lower Upper
97 100	
99 61.9	51.8 77.8
61 40.3	32.2 48.2





#34

Trichloroethene

Concen: 7.244 ug/L

RT: 5.821 min Scan# 1489

Delta R.T. -0.007 min

Lab File: VV038261.D

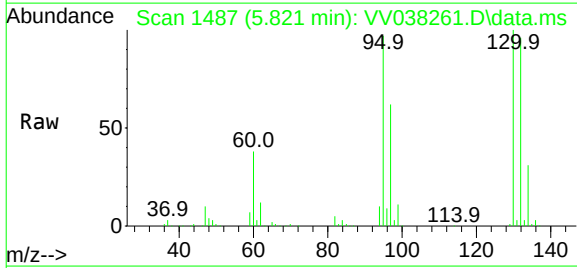
Acq: 22 Nov 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

BG3L6DL



Tgt Ion: 95 Resp: 170022

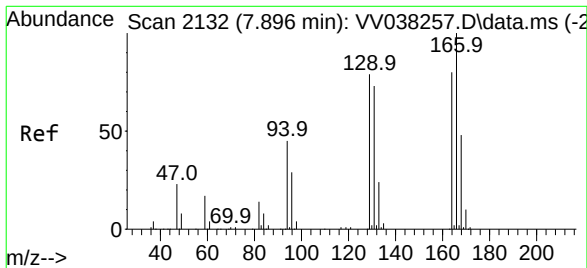
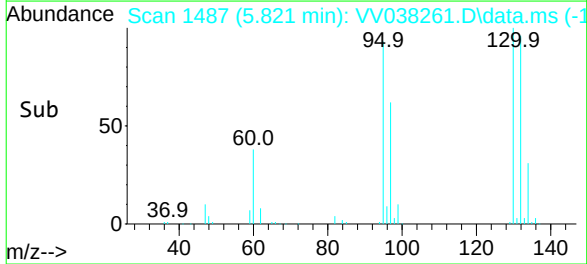
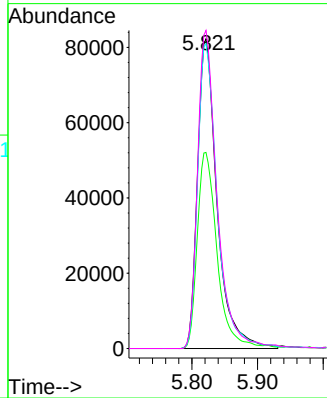
Ion Ratio Lower Upper

95 100

97 63.3 44.8 83.2

132 98.4 68.3 126.8

130 102.7 70.2 130.4



#47

Tetrachloroethene

Concen: 2.599 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038261.D

Acq: 22 Nov 2024 10:56

Tgt Ion: 164 Resp: 49016

Ion Ratio Lower Upper

164 100

129 92.7 68.5 127.1

131 86.3 64.8 120.4

166 124.4 88.3 163.9

