

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038209.D
 Acq On : 20 Nov 2024 12:43
 Operator : SY/MD
 Sample : P4882-13DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J0DL

Quant Time: Nov 21 01:47:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

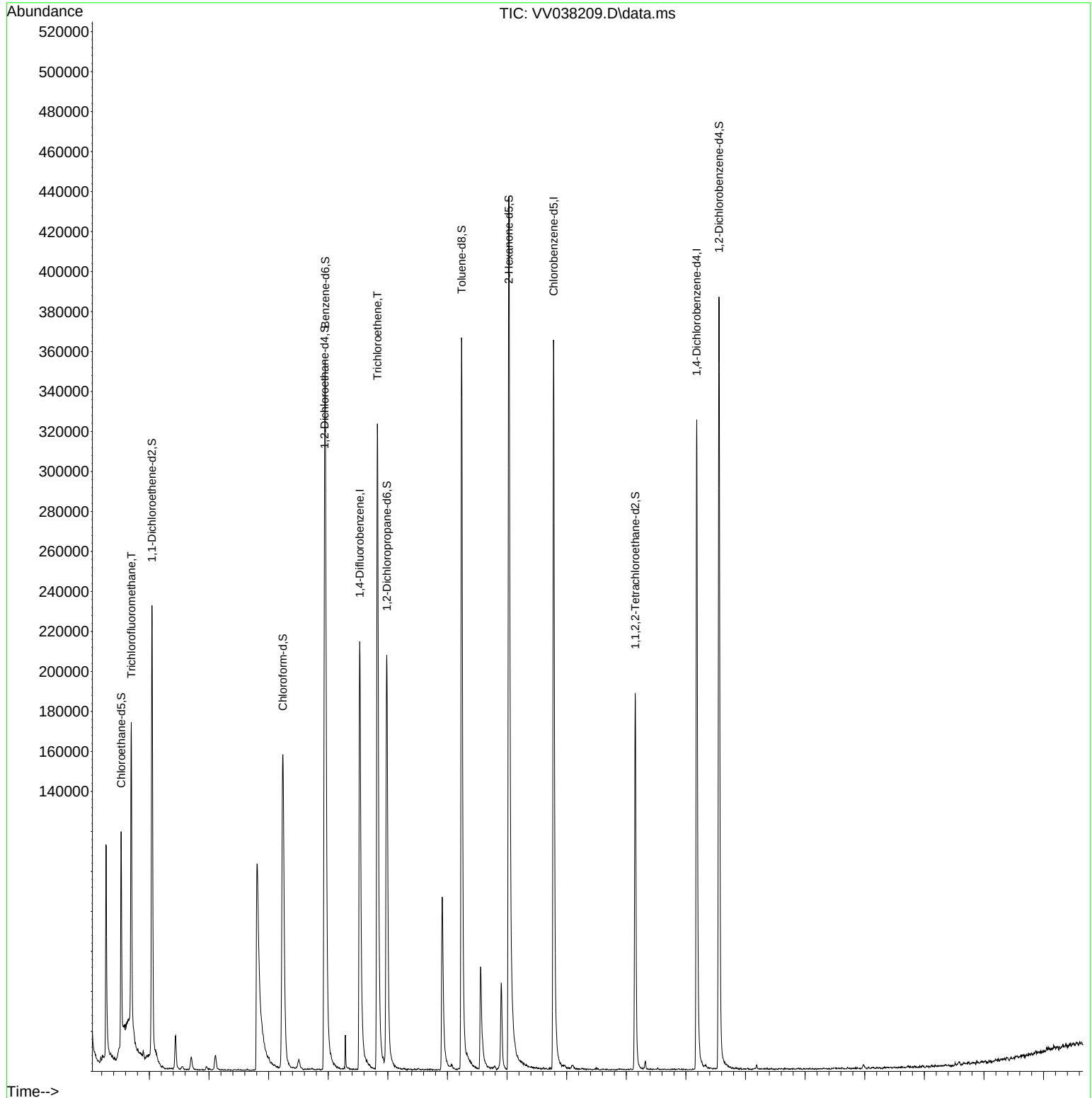
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	206344	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	226899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	95022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	81238	5.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.526	69	71066	5.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.044	65	36246	5.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.600%
20) 2-Butanone-d5	3.806	46	222449	70.308	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.620%#
24) Chloroform-d	4.240	84	184457	6.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.200%
26) 1,2-Dichloroethane-d4	4.937	65	94164	6.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.800%#
32) Benzene-d6	4.950	84	327544	5.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
36) 1,2-Dichloropropane-d6	5.982	67	109424	6.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.200%
41) Toluene-d8	7.236	98	276038	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.555	79	39020	5.816	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.400%
46) 2-Hexanone-d5	8.030	63	188382	72.234	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.460%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	96787	6.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.400%#
66) 1,2-Dichlorobenzene-d4	11.554	152	109641	6.772	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	135.400%#
Target Compounds	Qvalue					
9) Trichlorofluoromethane	1.696	101	87007	3.210	ug/L	99
16) Methylene chloride	2.439	84	7618	0.453	ug/L	91
17) Methyl tert-butyl Ether	2.703	73	5582	0.168	ug/L #	93
19) 1,1-Dichloroethane	3.105	63	8462	0.300	ug/L	93
22) cis-1,2-Dichloroethene	3.812	96	12513	0.779	ug/L	92
29) 1,1,1-Trichloroethane	4.506	97	4011	0.147	ug/L	97
34) Trichloroethene	5.825	95	123402	7.103	ug/L	99
47) Tetrachloroethene	7.902	164	11217	0.803	ug/L	95

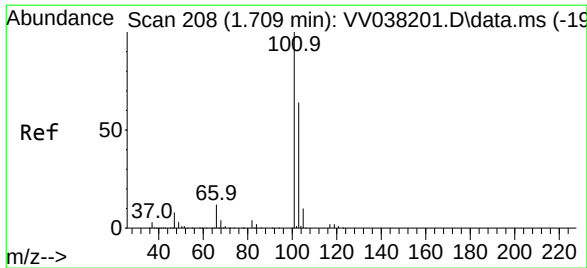
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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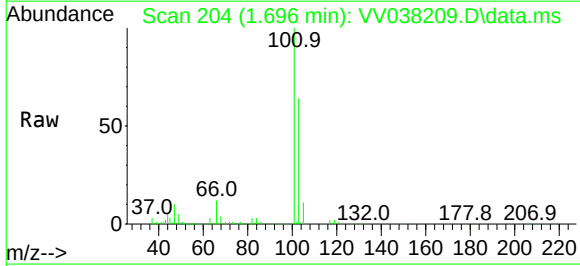
Quant Time: Nov 21 01:47:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
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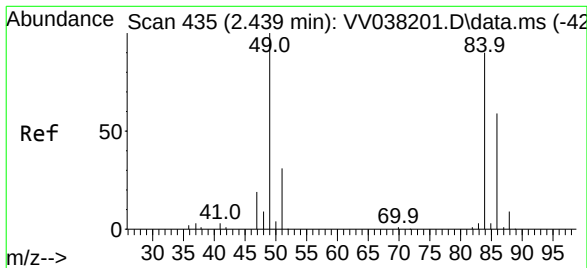
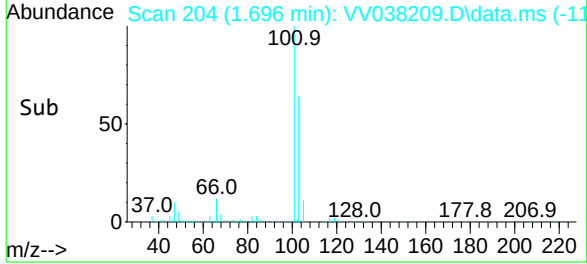
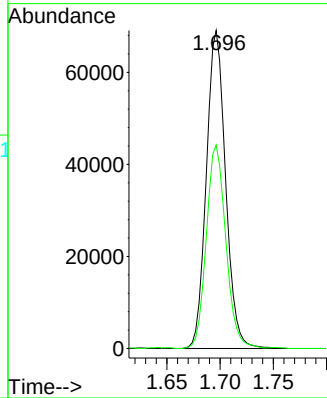


#9
Trichlorofluoromethane
Concen: 3.210 ug/L
RT: 1.696 min Scan# 208
Delta R.T. -0.013 min
Lab File: VV038209.D
Acq: 20 Nov 2024 12:43

Instrument :
MSVOA_V
ClientSampleId :
BG3J0DL

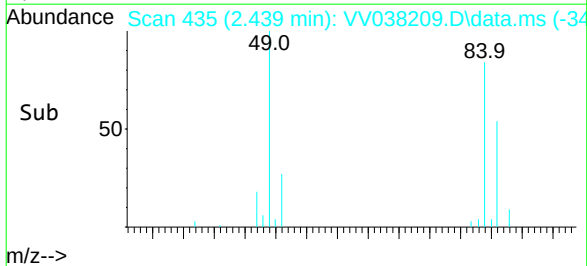
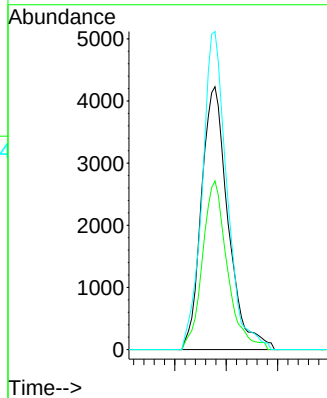
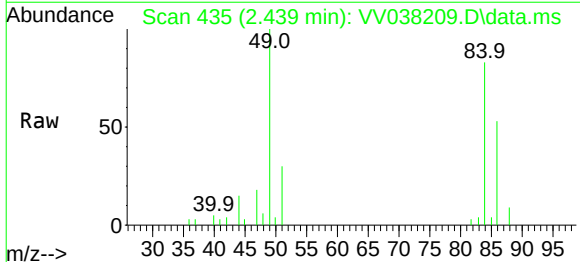


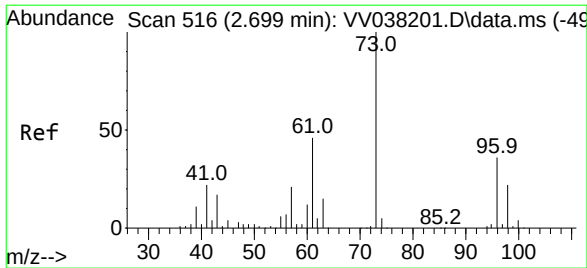
Tgt Ion:101 Resp: 87007
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3



#16
Methylene chloride
Concen: 0.453 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038209.D
Acq: 20 Nov 2024 12:43

Tgt Ion: 84 Resp: 7618
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.2
49 121.0 74.9 139.1

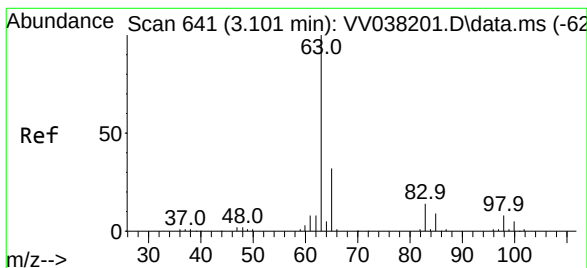
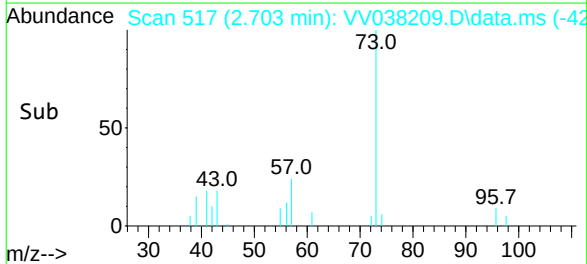
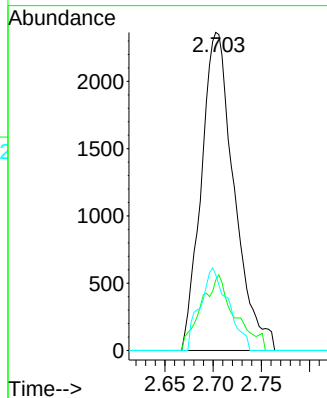
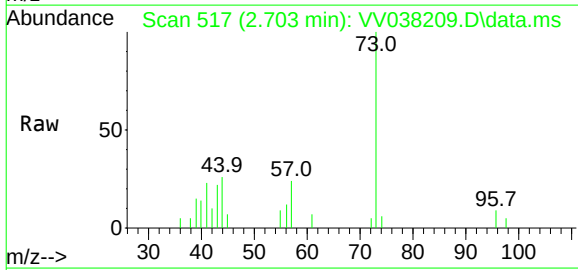




#17
Methyl tert-butyl Ether
Concen: 0.168 ug/L
RT: 2.703 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038209.D
Acq: 20 Nov 2024 12:43

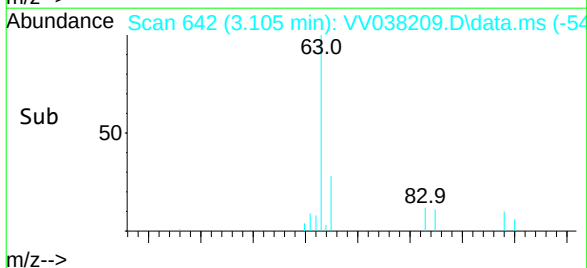
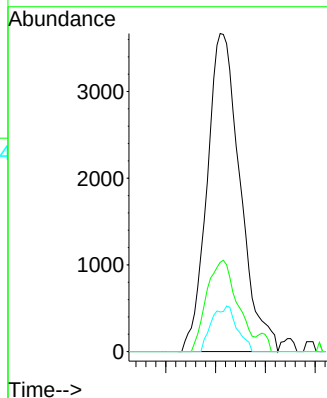
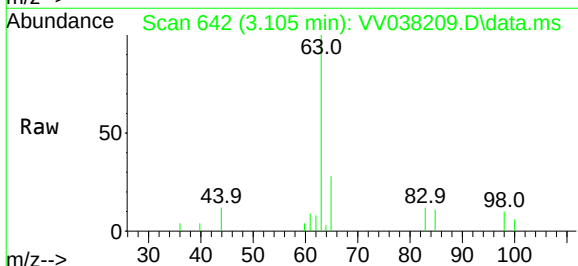
Instrument :
MSVOA_V
ClientSampleId :
BG3J0DL

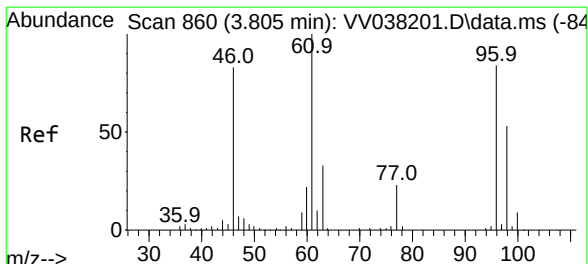
Tgt Ion: 73	Resp: 5582
Ion Ratio	Lower Upper
73 100	
43 24.6	14.2 21.2#
57 22.4	17.6 26.4



#19
1,1-Dichloroethane
Concen: 0.300 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV038209.D
Acq: 20 Nov 2024 12:43

Tgt Ion: 63	Resp: 8462
Ion Ratio	Lower Upper
63 100	
65 28.1	22.5 41.7
83 12.5	10.1 18.9

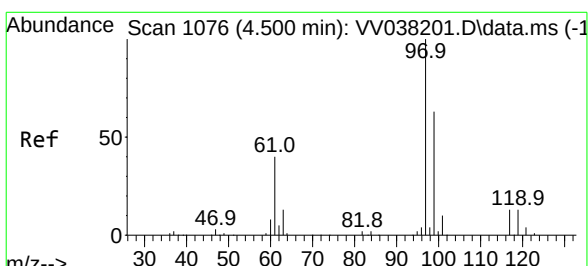
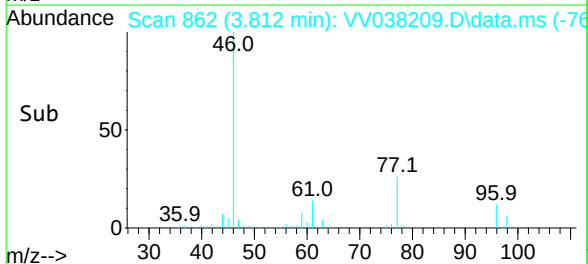
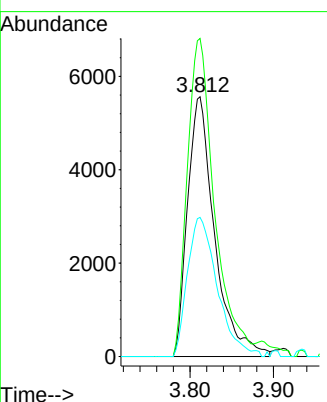
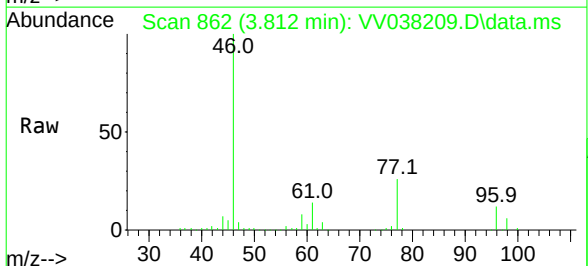




#22
 cis-1,2-Dichloroethene
 Concen: 0.779 ug/L
 RT: 3.812 min Scan# 861
 Delta R.T. 0.006 min
 Lab File: VV038209.D
 Acq: 20 Nov 2024 12:43

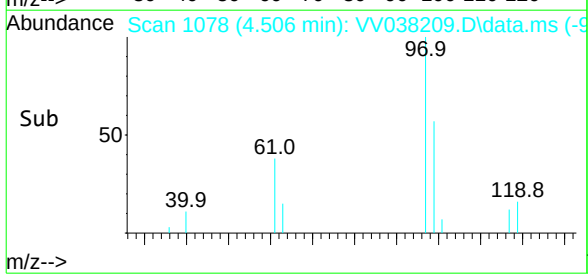
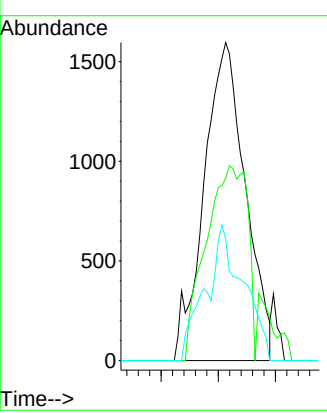
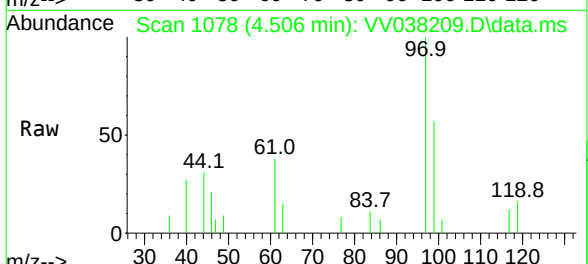
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J0DL

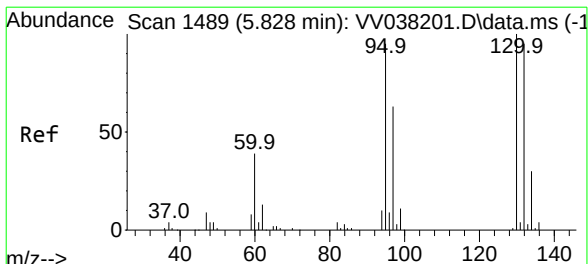
Tgt Ion:	96	Resp:	12513
Ion	Ratio	Lower	Upper
96	100		
61	122.4	82.7	153.5
98	53.5	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.147 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VV038209.D
 Acq: 20 Nov 2024 12:43

Tgt Ion:	97	Resp:	4011
Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.8	77.8
61	38.7	32.2	48.2





#34

Trichloroethene

Concen: 7.103 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV038209.D

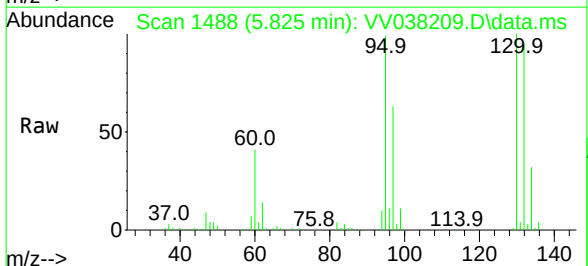
Acq: 20 Nov 2024 12:43

Instrument :

MSVOA_V

ClientSampleId :

BG3J0DL



Tgt Ion: 95 Resp: 123402

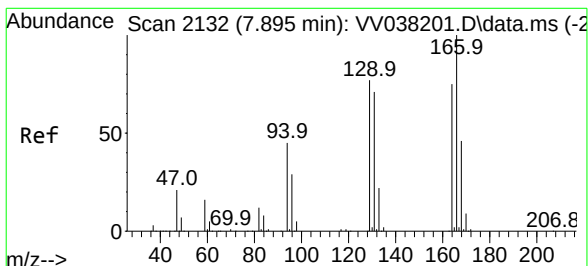
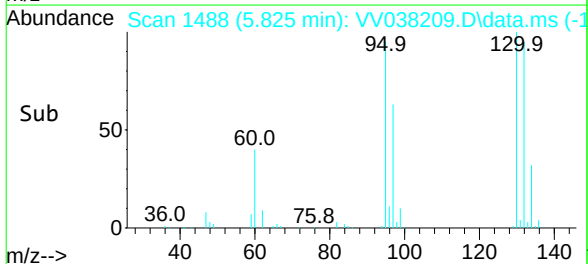
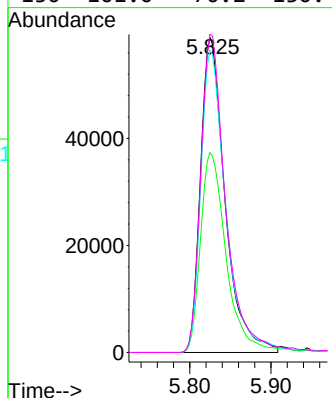
Ion Ratio Lower Upper

95 100

97 63.5 44.8 83.2

132 95.9 68.3 126.8

130 101.0 70.2 130.4



#47

Tetrachloroethene

Concen: 0.803 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV038209.D

Acq: 20 Nov 2024 12:43

Tgt Ion: 164 Resp: 11217

Ion Ratio Lower Upper

164 100

129 91.4 68.5 127.1

131 88.8 64.8 120.4

166 122.1 88.3 163.9

