

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112624\
 Data File : VV038374.D
 Acq On : 26 Nov 2024 19:07
 Operator : SY/MD
 Sample : P4930-03DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG441DL

Quant Time: Nov 27 00:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 27 00:19:46 2024
 Response via : Initial Calibration

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

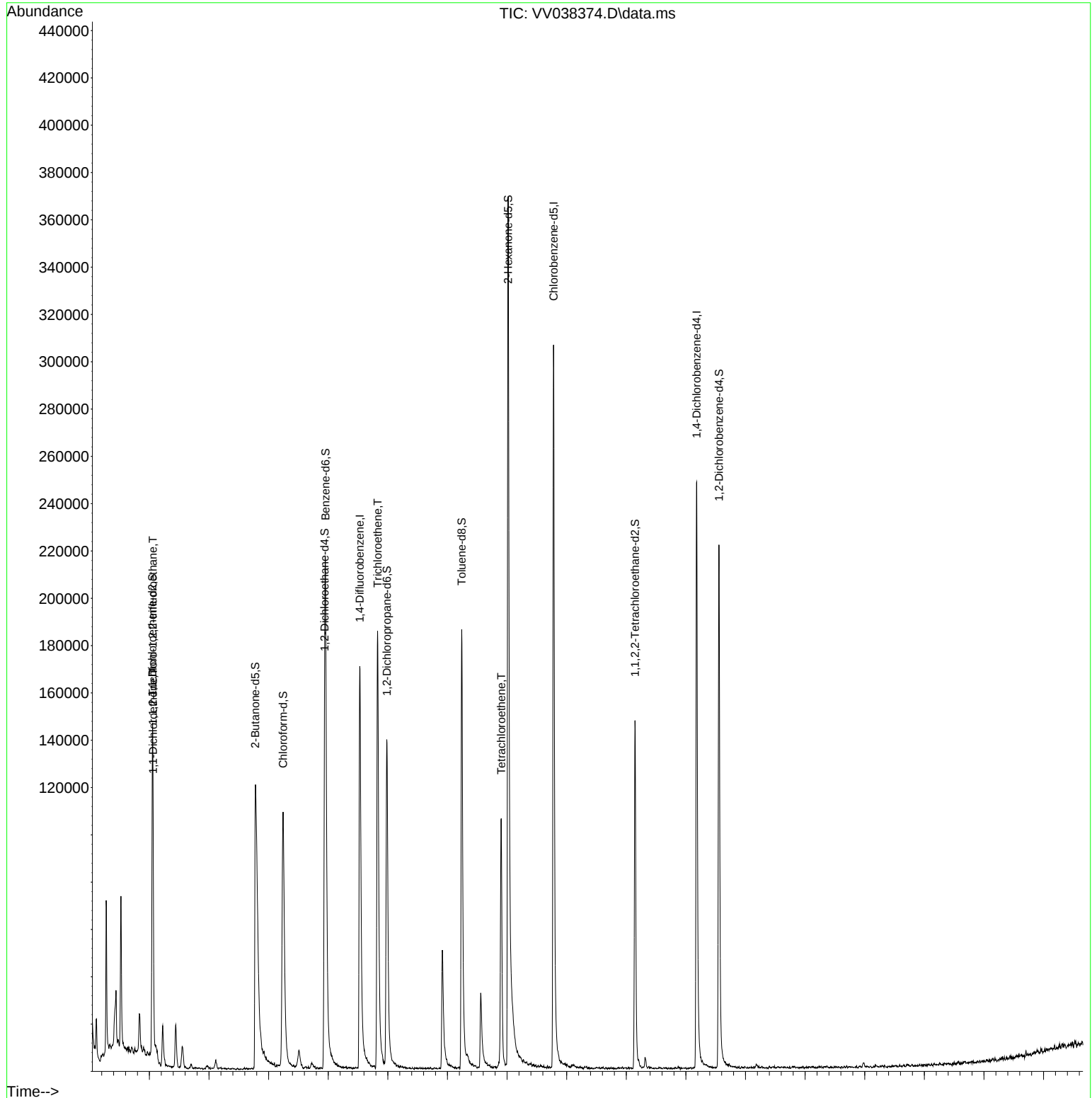
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	160660	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	179098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	73211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	41247	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.523	69	44940	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.050	65	20701	3.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.777	46	180642	73.329	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.660%#
24) Chloroform-d	4.243	84	120086	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	4.937	65	66957	6.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.800%
32) Benzene-d6	4.953	84	195891	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.982	67	72629	5.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.239	98	136705	3.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	7.558	79	24038	4.539	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.017	63	129733	63.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.040%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74842	6.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.800%#
66) 1,2-Dichlorobenzene-d4	11.554	152	60214	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2305	0.191	ug/L #	82
12) 1,1-Dichloroethene	2.063	96	10600	0.924	ug/L #	7
16) Methylene chloride	2.442	84	8180	0.625	ug/L	93
19) 1,1-Dichloroethane	3.114	63	3902	0.178	ug/L	90
22) cis-1,2-Dichloroethene	3.809	96	16021	1.282	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	6700	0.312	ug/L	94
34) Trichloroethene	5.828	95	69812	5.091	ug/L	98
47) Tetrachloroethene	7.902	164	24964	2.265	ug/L	96

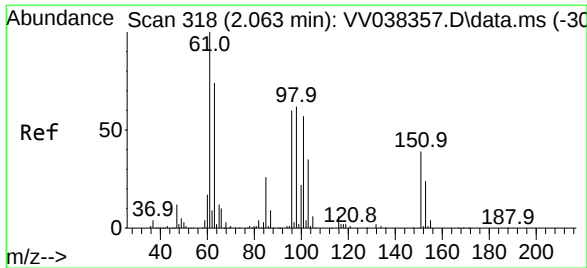
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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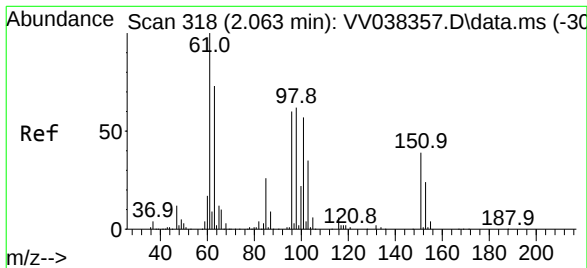
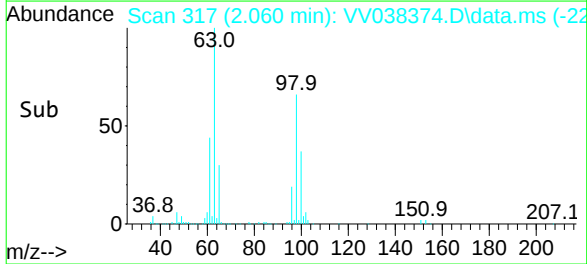
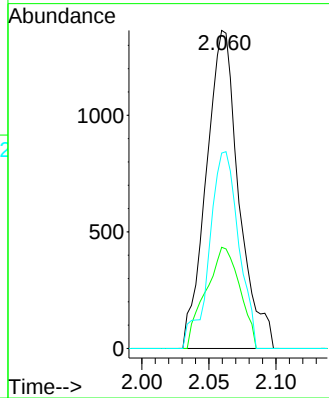
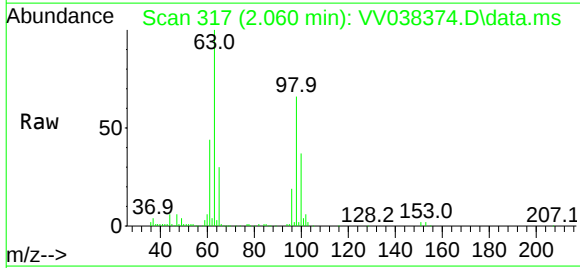




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.191 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038374.D
Acq: 26 Nov 2024 19:07

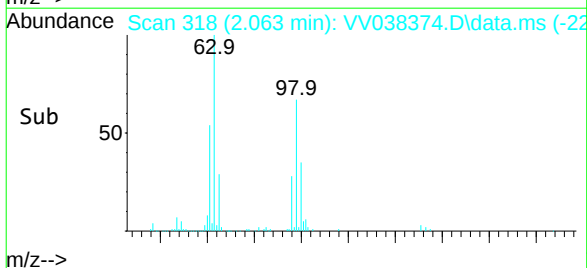
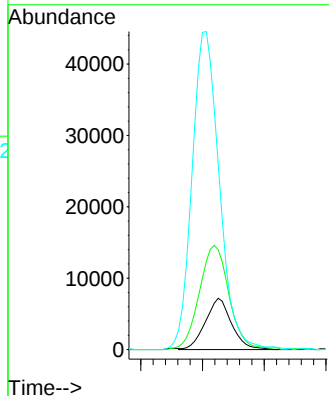
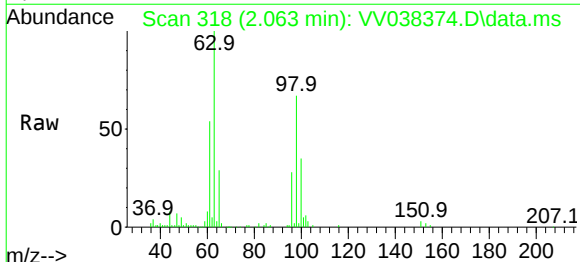
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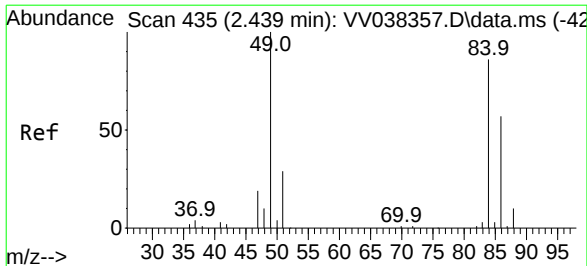
Tgt Ion:	101	Resp:	2305
Ion	Ratio	Lower	Upper
101	100		
85	33.3	33.4	50.0#
151	55.8	58.8	88.2#



#12
1,1-Dichloroethene
Concen: 0.924 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038374.D
Acq: 26 Nov 2024 19:07

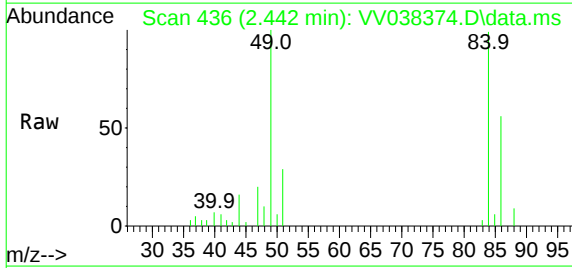
Tgt Ion:	96	Resp:	10600
Ion	Ratio	Lower	Upper
96	100		
61	194.3	115.7	214.9
63	361.1	101.1	187.7#



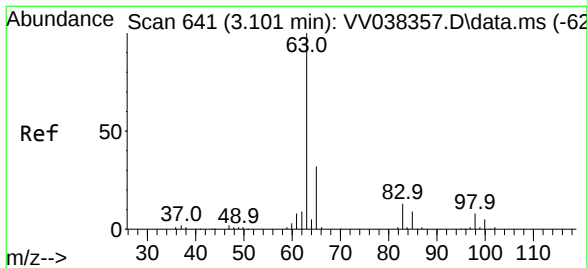
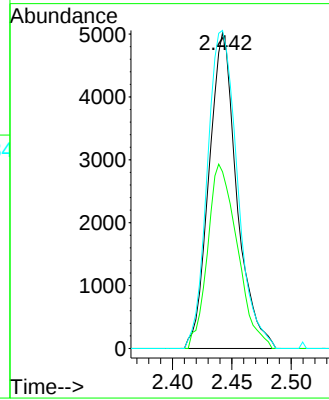
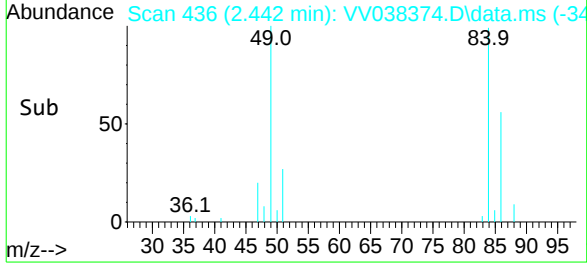


#16
Methylene chloride
Concen: 0.625 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038374.D
Acq: 26 Nov 2024 19:07

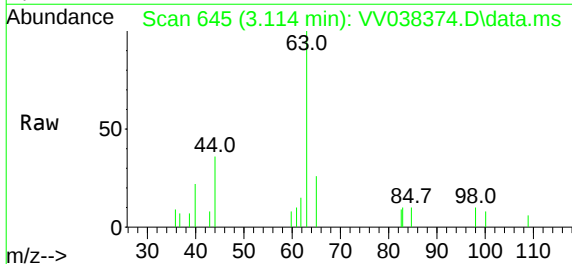
Instrument :
MSVOA_V
ClientSampleId :
BG441DL



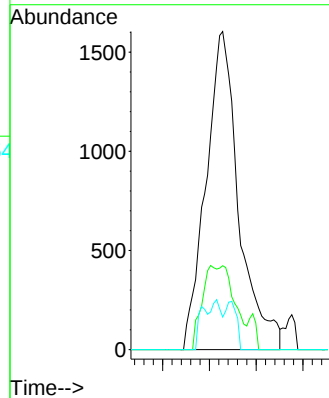
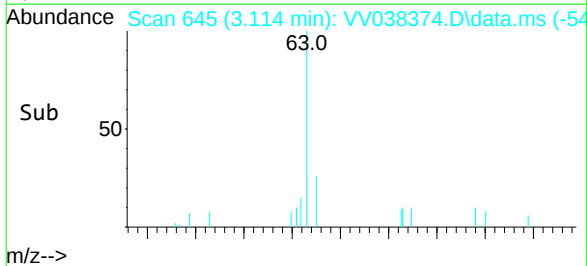
Tgt Ion: 84 Resp: 8180
Ion Ratio Lower Upper
84 100
86 55.9 44.2 82.2
49 100.7 74.9 139.1

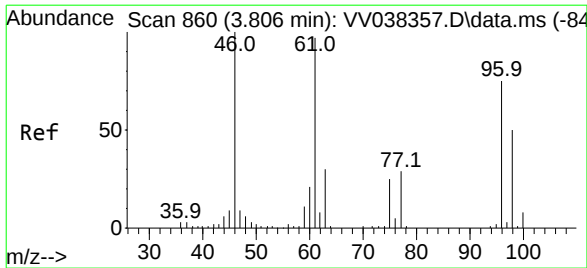


#19
1,1-Dichloroethane
Concen: 0.178 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.013 min
Lab File: VV038374.D
Acq: 26 Nov 2024 19:07



Tgt Ion: 63 Resp: 3902
Ion Ratio Lower Upper
63 100
65 26.4 22.5 41.7
83 10.2 10.1 18.9

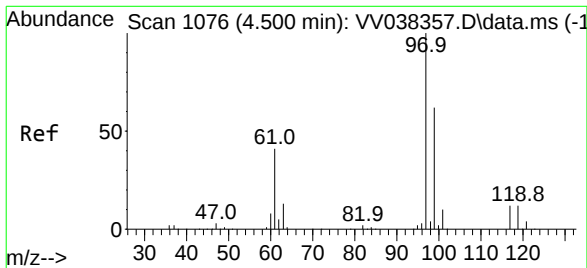
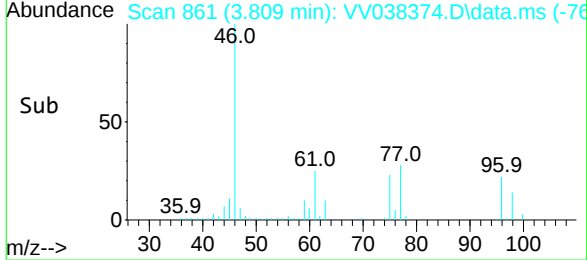
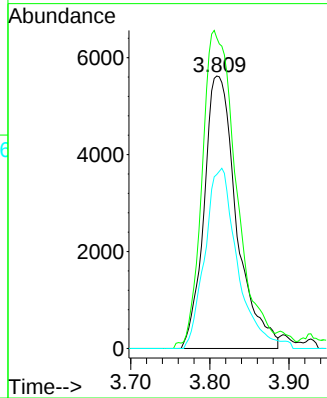
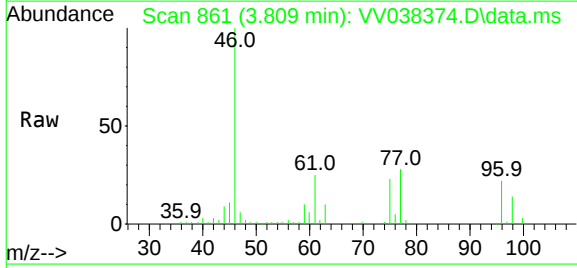




#22
cis-1,2-Dichloroethene
Concen: 1.282 ug/L
RT: 3.809 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV038374.D
Acq: 26 Nov 2024 19:07

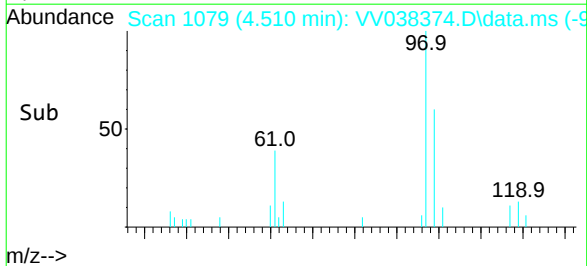
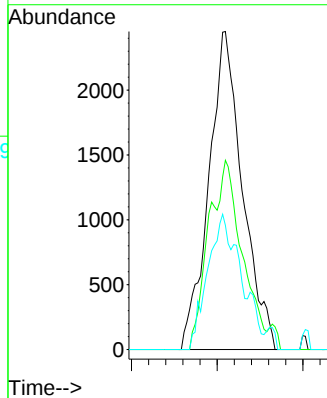
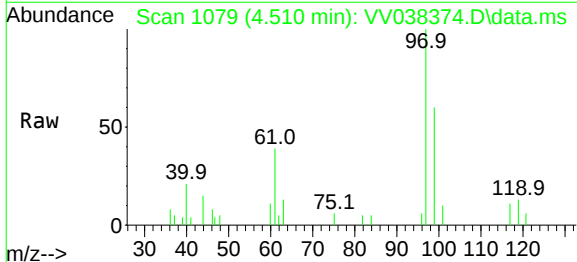
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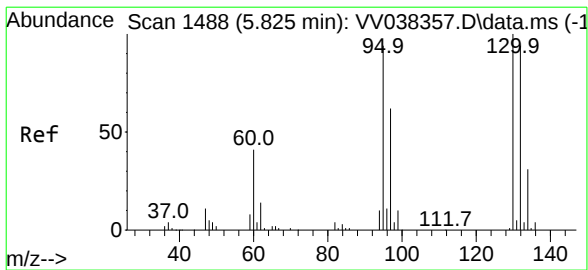
Tgt Ion: 96	Resp: 16021
Ion Ratio	Lower Upper
96 100	
61 114.0	82.7 153.5
98 63.9	46.3 85.9



#29
1,1,1-Trichloroethane
Concen: 0.312 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.009 min
Lab File: VV038374.D
Acq: 26 Nov 2024 19:07

Tgt Ion: 97	Resp: 6700
Ion Ratio	Lower Upper
97 100	
99 59.1	51.8 77.8
61 37.9	32.2 48.2





#34

Trichloroethene

Concen: 5.091 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV038374.D

Acq: 26 Nov 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

BG441DL

Tgt Ion: 95 Resp: 69812

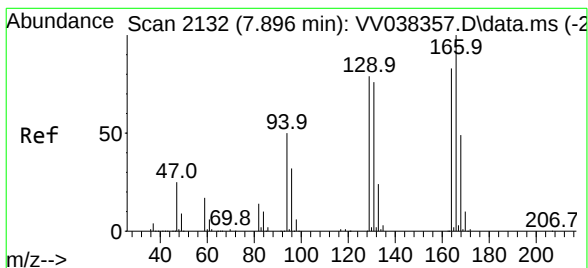
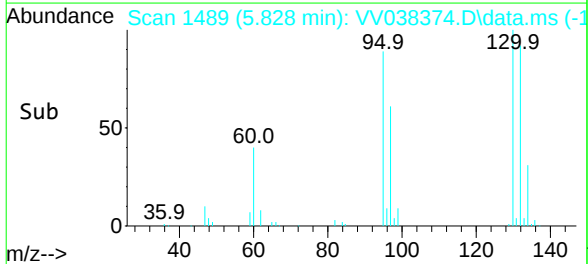
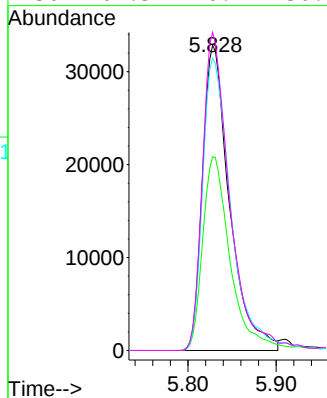
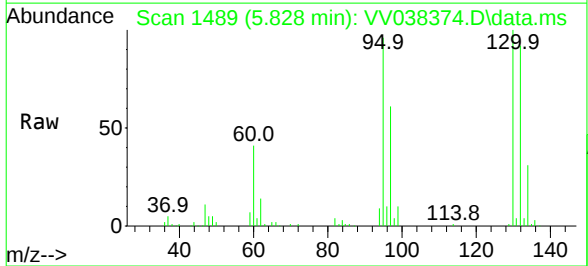
Ion Ratio Lower Upper

95 100

97 63.5 44.8 83.2

132 95.9 68.3 126.8

130 104.3 70.2 130.4



#47

Tetrachloroethene

Concen: 2.265 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV038374.D

Acq: 26 Nov 2024 19:07

Tgt Ion: 164 Resp: 24964

Ion Ratio Lower Upper

164 100

129 94.2 68.5 127.1

131 86.7 64.8 120.4

166 122.4 88.3 163.9

