

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038319.D
 Acq On : 23 Nov 2024 23:38
 Operator : SY/MD
 Sample : P4884-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P1

Quant Time: Nov 24 00:53:11 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)

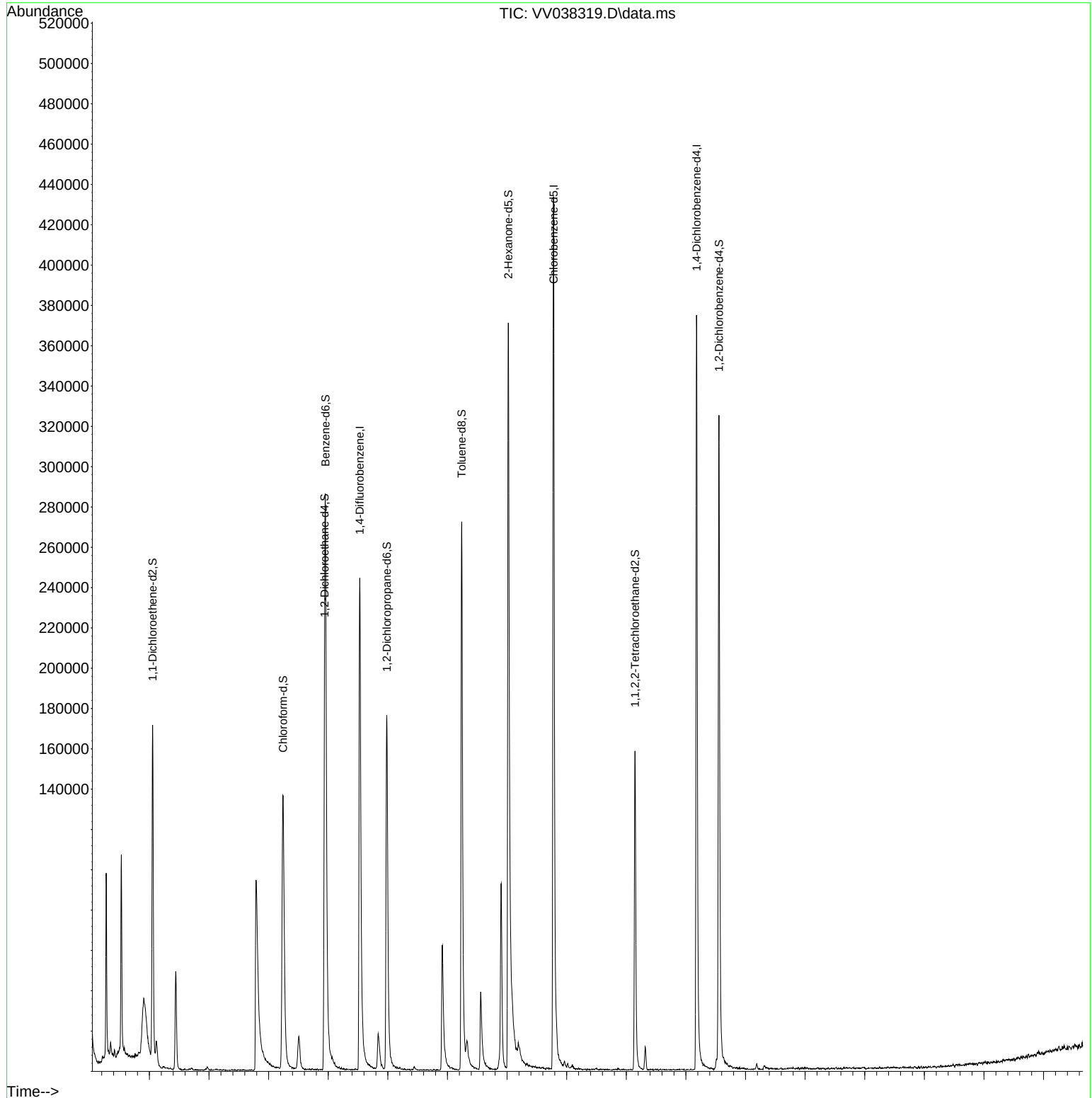
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	237090	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	256096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	110714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	57816	3.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.529	69	62125	4.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.053	65	26883	3.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.789	46	179091	49.264	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.520%
24) Chloroform-d	4.243	84	154240	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.937	65	77463	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.953	84	264118	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	5.982	67	90220	4.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.239	98	205536	3.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	7.558	79	30285	3.999	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.021	63	143113	48.620	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.240%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83250	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	89434	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
16) Methylene chloride	2.442	84	21190	1.097	ug/L	94
29) 1,1,1-Trichloroethane	4.510	97	14075	0.458	ug/L	98
34) Trichloroethene	5.841	95	6675	0.340	ug/L	95
42) Toluene	7.333	91	11434	0.150	ug/L	99
47) Tetrachloroethene	7.902	164	22398	1.421	ug/L	97
49) Dibromochloromethane	8.169	129	1491	0.094	ug/L	93
51) Chlorobenzene	8.815	112	9530	0.182	ug/L	89

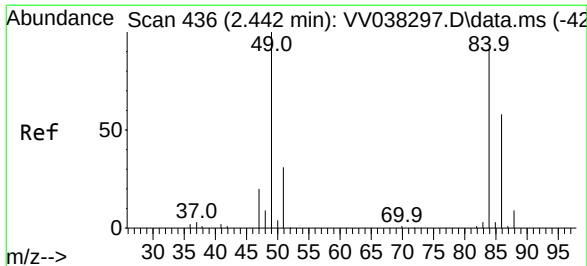
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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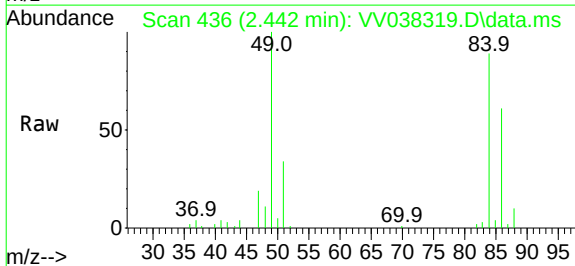
Quant Time: Nov 24 00:53:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
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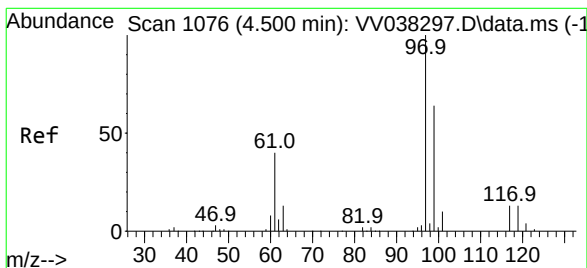
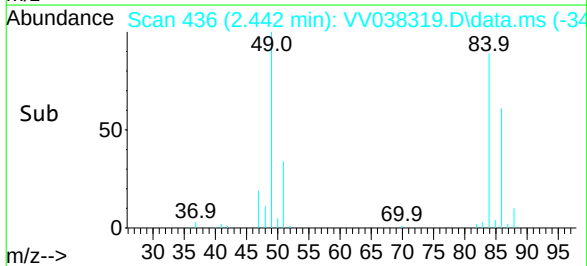
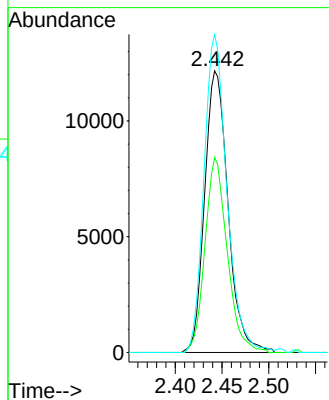


#16
Methylene chloride
Concen: 1.097 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038319.D
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ClientSampleId :
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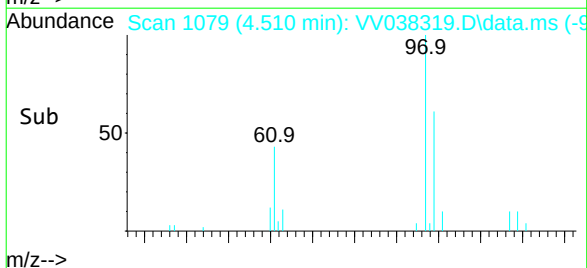
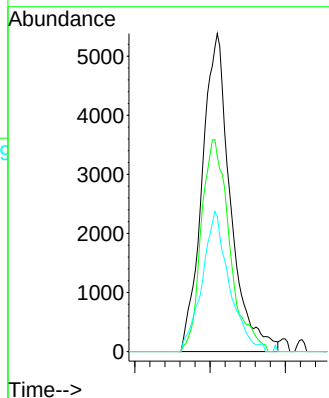
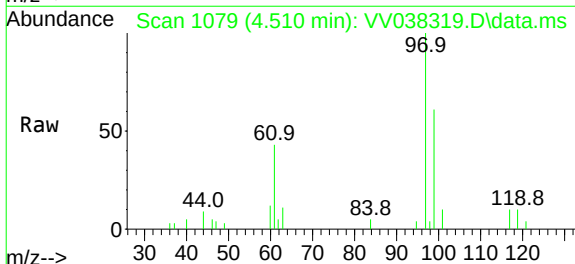


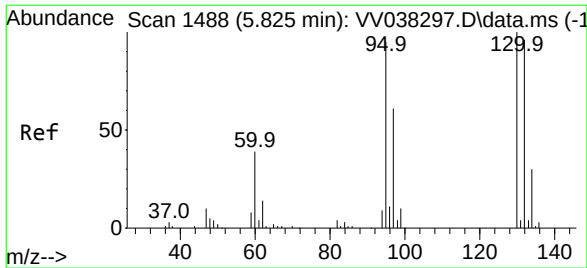
Tgt Ion	Ratio	Lower	Upper
84	100		
86	69.2	44.2	82.2
49	112.9	74.9	139.1



#29
1,1,1-Trichloroethane
Concen: 0.458 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV038319.D
Acq: 23 Nov 2024 23:38

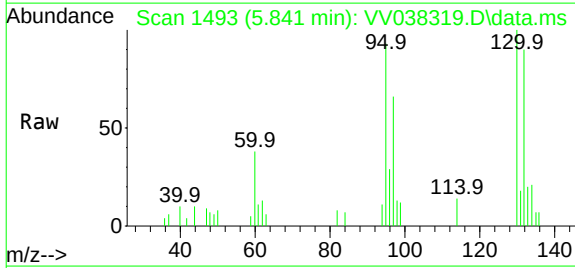
Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.8	77.8
61	42.1	32.2	48.2



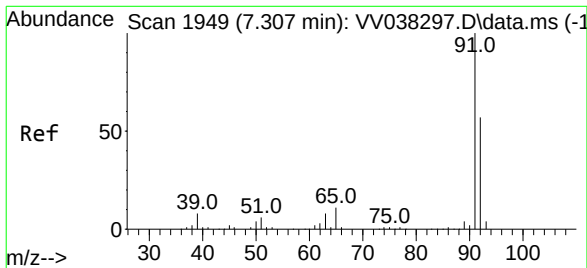
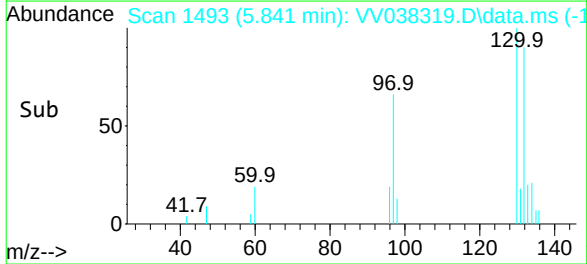
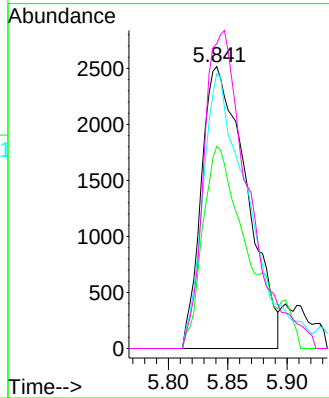


#34
Trichloroethene
Concen: 0.340 ug/L
RT: 5.841 min Scan# 14
Delta R.T. 0.013 min
Lab File: VV038319.D
Acq: 23 Nov 2024 23:38

Instrument :
MSVOA_V
ClientSampleId :
BG3P1

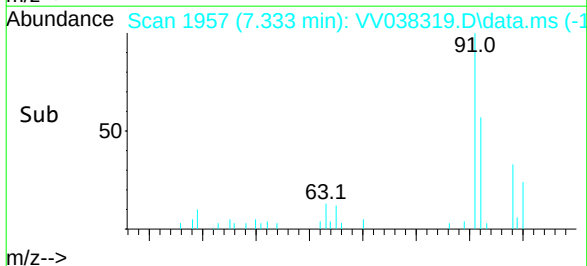
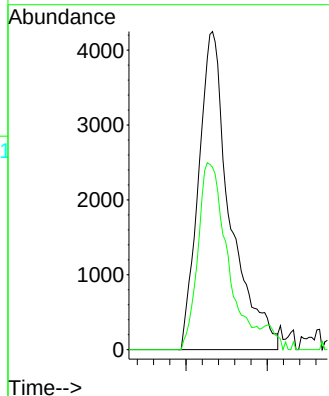
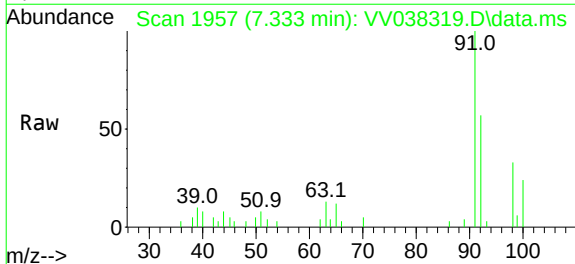


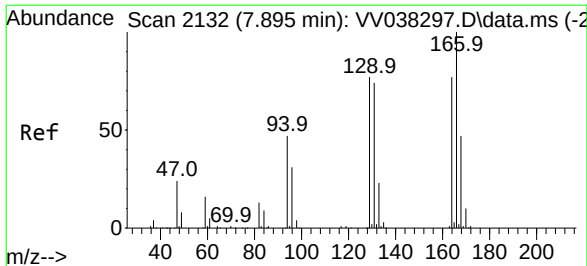
Tgt Ion: 95 Resp: 6675
Ion Ratio Lower Upper
95 100
97 71.7 44.8 83.2
132 97.5 68.3 126.8
130 108.1 70.2 130.4



#42
Toluene
Concen: 0.150 ug/L
RT: 7.333 min Scan# 1957
Delta R.T. 0.026 min
Lab File: VV038319.D
Acq: 23 Nov 2024 23:38

Tgt Ion: 91 Resp: 11434
Ion Ratio Lower Upper
91 100
92 57.3 40.8 75.8





#47

Tetrachloroethene

Concen: 1.421 ug/L

RT: 7.902 min Scan# 2132

Delta R.T. 0.006 min

Lab File: VV038319.D

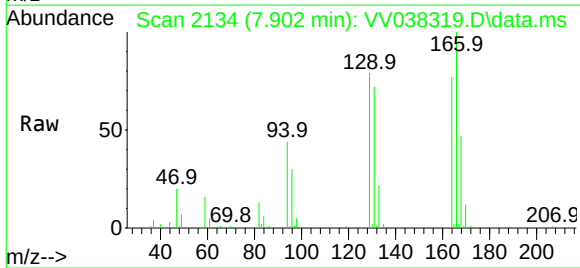
Acq: 23 Nov 2024 23:38

Instrument :

MSVOA_V

ClientSampleId :

BG3P1



Tgt Ion:164 Resp: 22398

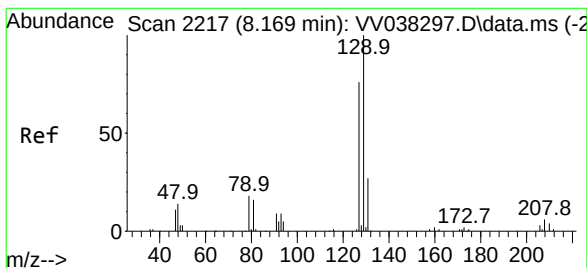
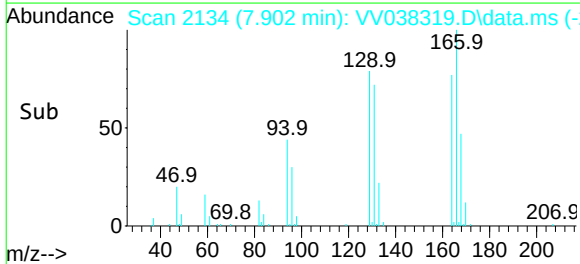
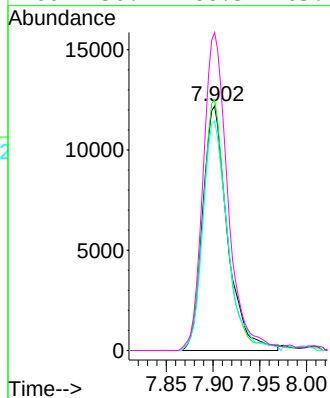
Ion Ratio Lower Upper

164 100

129 102.6 68.5 127.1

131 93.9 64.8 120.4

166 130.1 88.3 163.9



#49

Dibromochloromethane

Concen: 0.094 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV038319.D

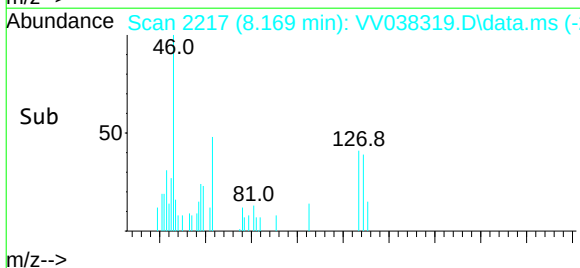
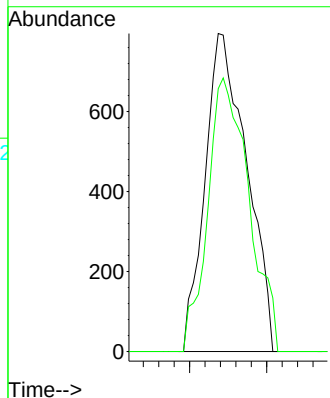
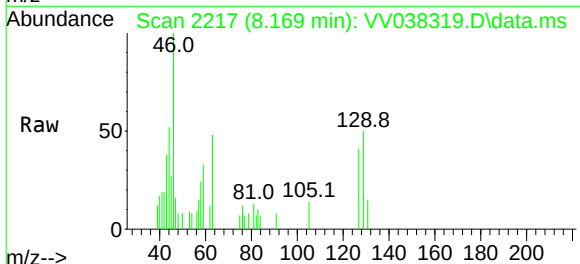
Acq: 23 Nov 2024 23:38

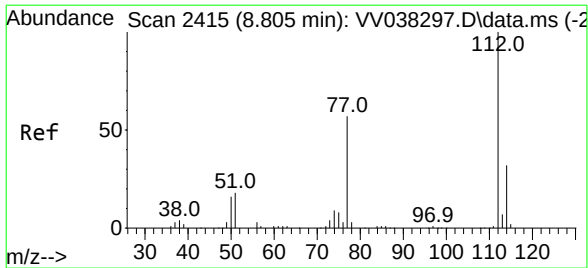
Tgt Ion:129 Resp: 1491

Ion Ratio Lower Upper

129 100

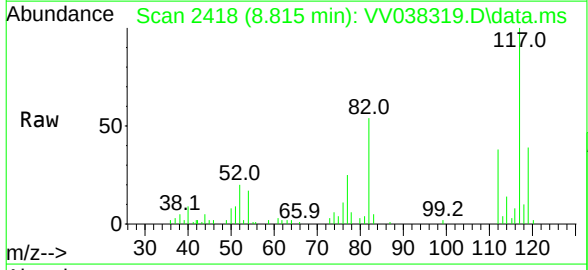
127 82.6 53.5 99.3





#51
 Chlorobenzene
 Concen: 0.182 ug/L
 RT: 8.815 min Scan# 2415
 Delta R.T. 0.010 min
 Lab File: VV038319.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P1



Tgt Ion:	112	Resp:	9530
Ion	Ratio	Lower	Upper
112	100		
114	37.3	22.0	40.8
77	63.9	45.0	67.4

