

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038279.D
 Acq On : 22 Nov 2024 19:06
 Operator : SY/MD
 Sample : P4884-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N0

Quant Time: Nov 23 00:06:19 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)

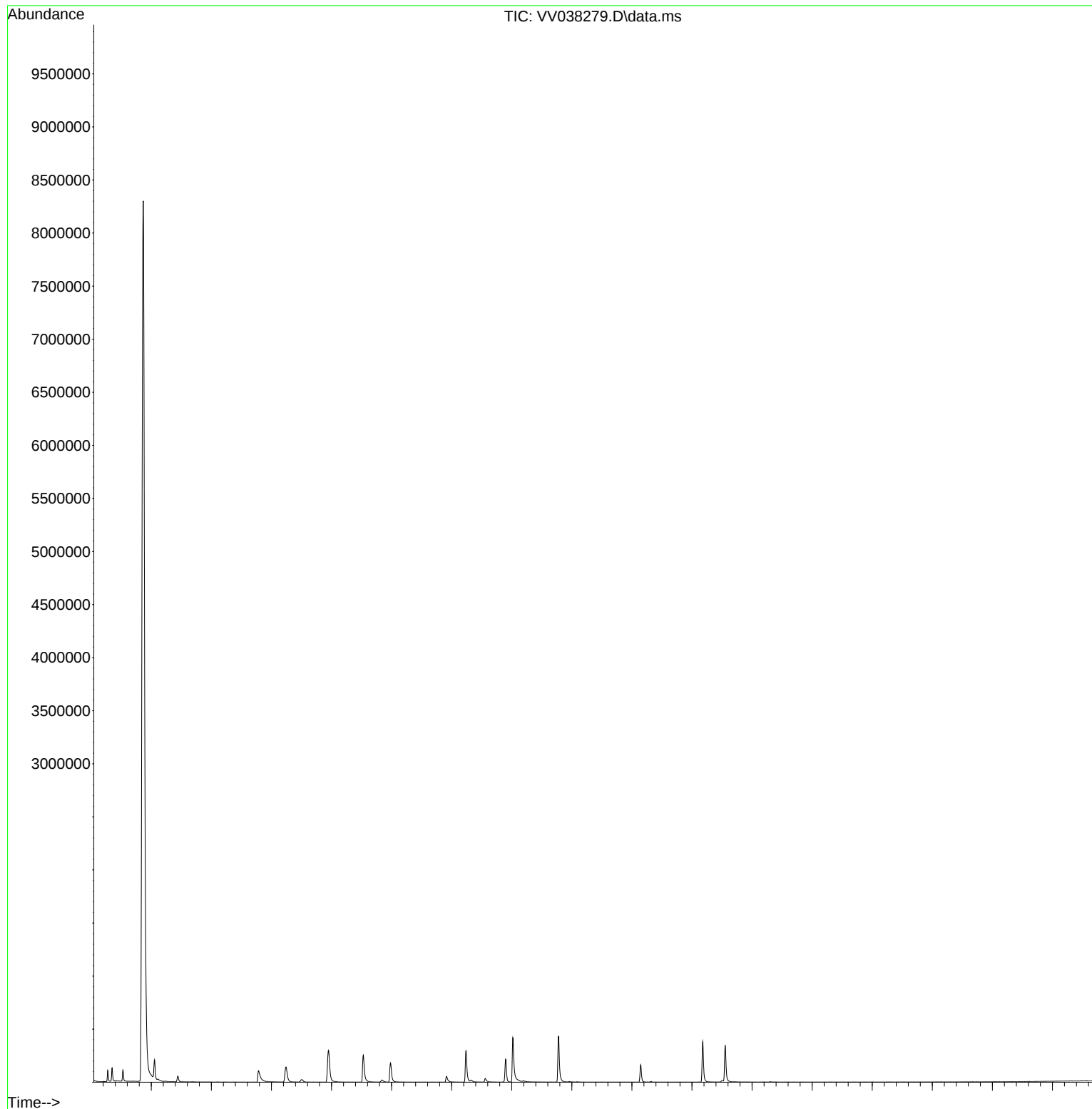
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	240051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	263903	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	107009	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66264	3.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.529	69	69579	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.053	65	30859	3.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.783	46	183047	49.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	4.240	84	164101	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.937	65	83273	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.953	84	286487	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.979	67	95284	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.240	98	221979	3.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.558	79	26534	3.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.018	63	148767	49.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83163	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.555	152	98997	5.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
16) Methylene chloride	2.442	84	24122	1.234	ug/L	98
25) Chloroform	4.272	83	7249	0.207	ug/L	96
29) 1,1,1-Trichloroethane	4.503	97	22607	0.714	ug/L	98
34) Trichloroethene	5.844	95	8828	0.437	ug/L	92
42) Toluene	7.326	91	15599	0.199	ug/L	99
47) Tetrachloroethene	7.899	164	52135	3.211	ug/L	95
51) Chlorobenzene	8.812	112	11872	0.219	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	4860	0.159	ug/L	91

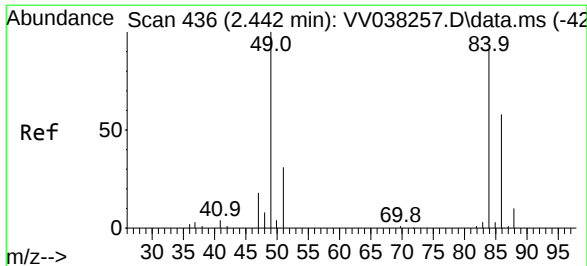
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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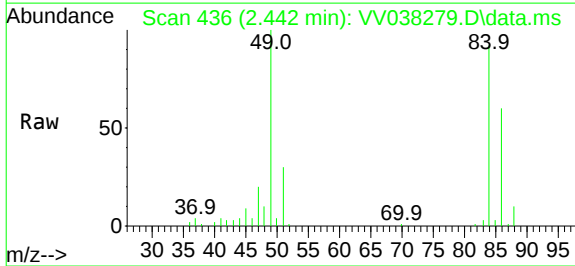
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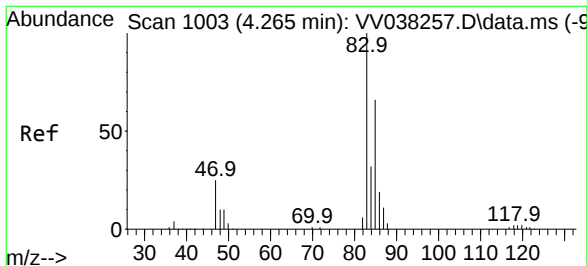
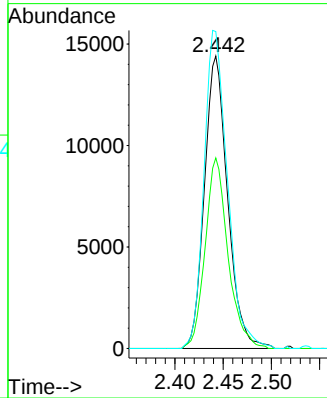
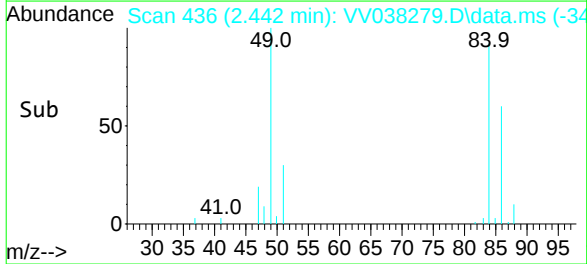


#16
Methylene chloride
Concen: 1.234 ug/L
RT: 2.442 min Scan# 43
Delta R.T. -0.000 min
Lab File: VV038279.D
Acq: 22 Nov 2024 19:06

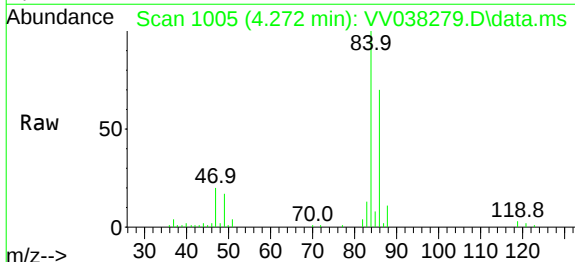
Instrument :
MSVOA_V
ClientSampleId :
BG3N0



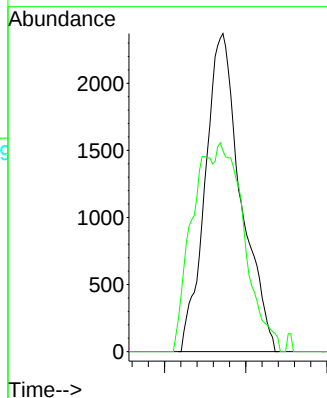
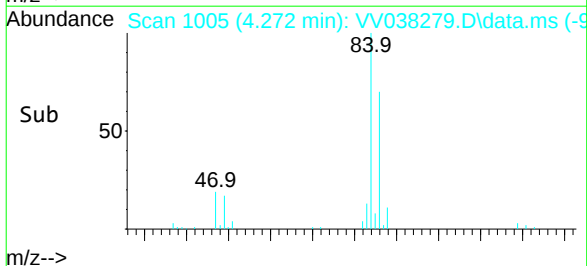
Tgt Ion: 84 Resp: 24122
Ion Ratio Lower Upper
84 100
86 65.2 44.2 82.2
49 108.4 74.9 139.1

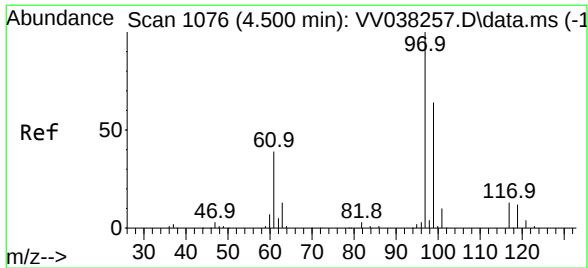


#25
Chloroform
Concen: 0.207 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV038279.D
Acq: 22 Nov 2024 19:06



Tgt Ion: 83 Resp: 7249
Ion Ratio Lower Upper
83 100
85 63.2 46.5 86.3

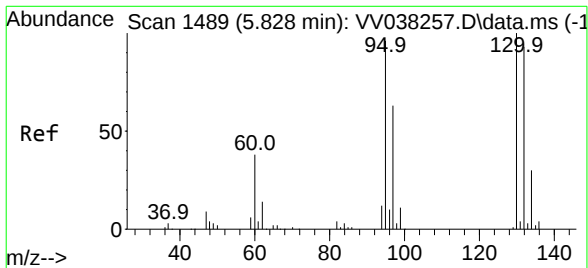
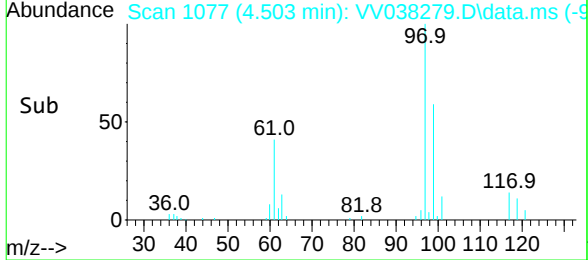
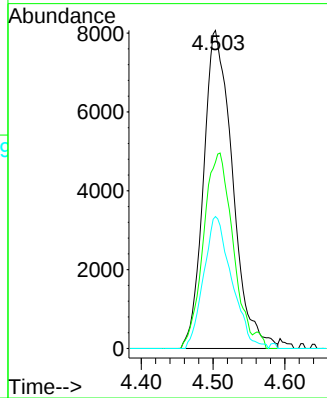
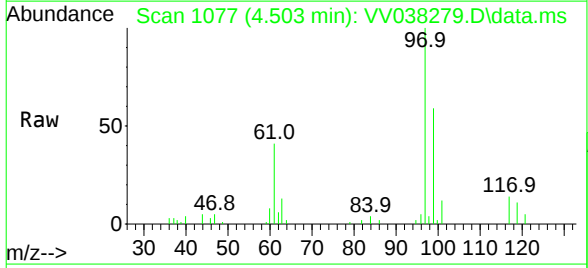




#29
1,1,1-Trichloroethane
Concen: 0.714 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038279.D
Acq: 22 Nov 2024 19:06

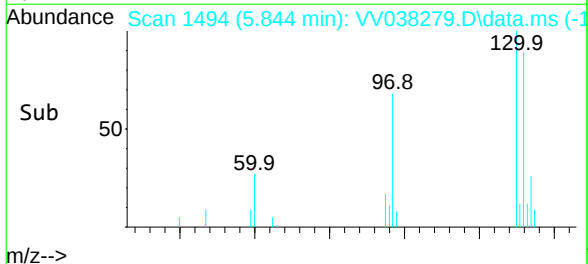
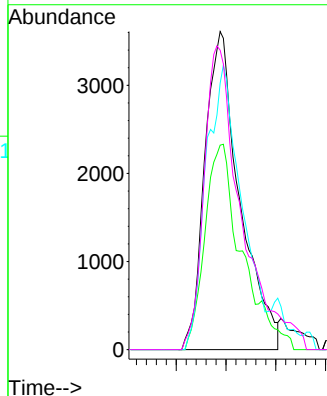
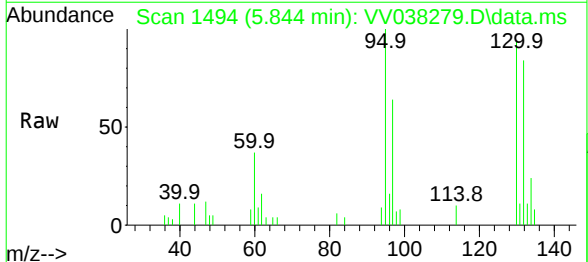
Instrument :
MSVOA_V
ClientSampleId :
BG3N0

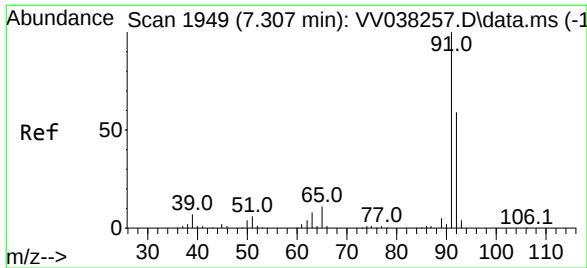
Tgt Ion:	97	Resp:	22607
Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.8	77.8
61	40.2	32.2	48.2



#34
Trichloroethene
Concen: 0.437 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV038279.D
Acq: 22 Nov 2024 19:06

Tgt Ion:	95	Resp:	8828
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.8	83.2
132	83.7	68.3	126.8
130	94.1	70.2	130.4





#42

Toluene

Concen: 0.199 ug/L

RT: 7.326 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Instrument :

MSVOA_V

ClientSampleId :

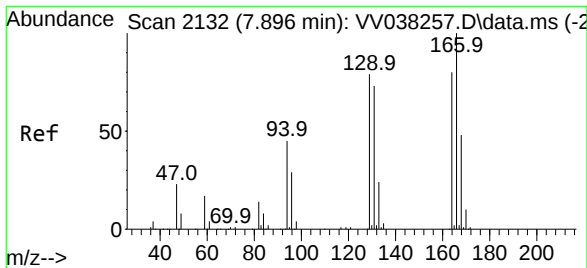
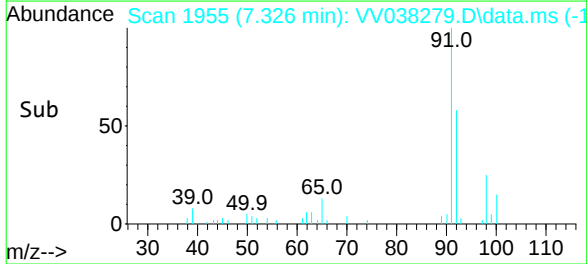
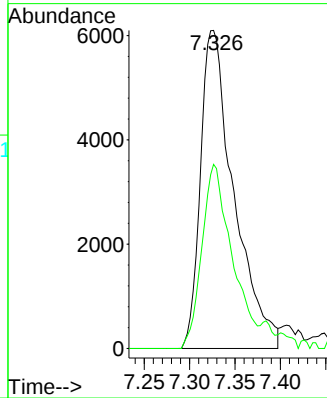
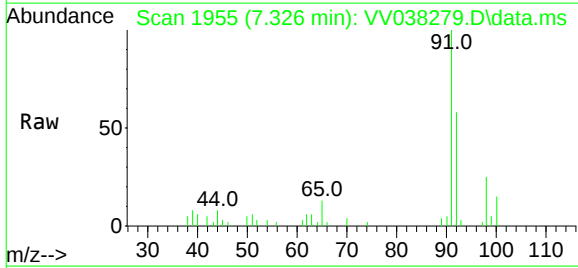
BG3N0

Tgt Ion: 91 Resp: 15599

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#47

Tetrachloroethene

Concen: 3.211 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Tgt Ion: 164 Resp: 52135

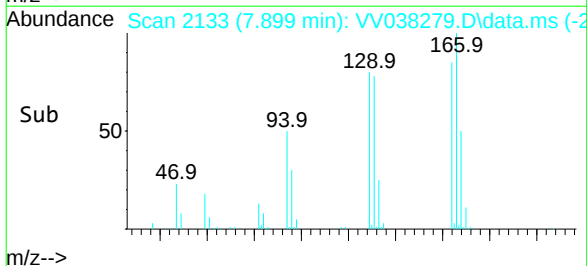
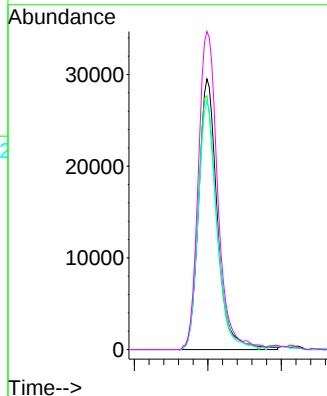
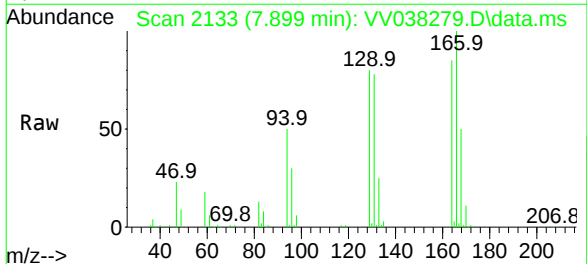
Ion Ratio Lower Upper

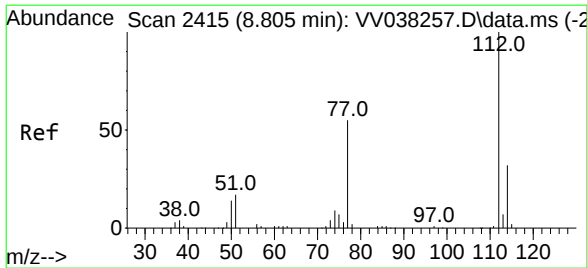
164 100

129 93.7 68.5 127.1

131 91.7 64.8 120.4

166 117.5 88.3 163.9





#51

Chlorobenzene

Concen: 0.219 ug/L

RT: 8.812 min Scan# 2415

Delta R.T. 0.006 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

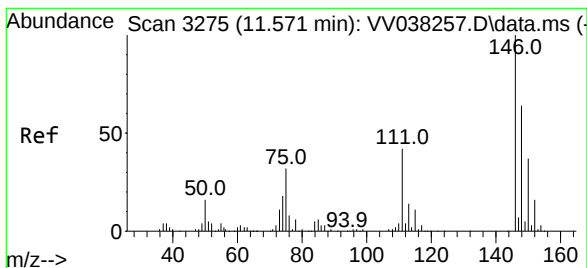
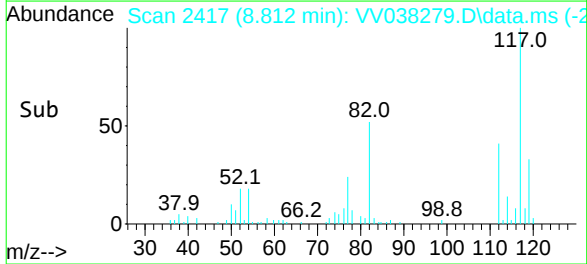
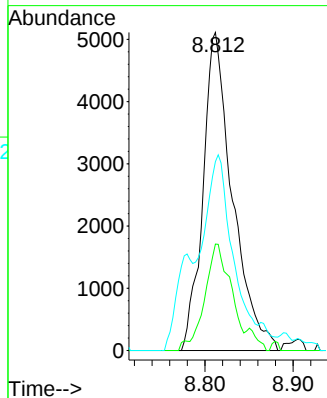
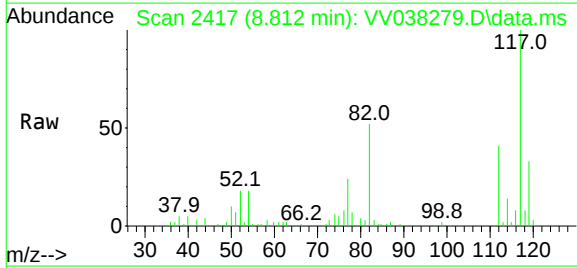
Instrument :

MSVOA_V

ClientSampleId :

BG3N0

Tgt	Ion:112	Resp:	11872
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.0	40.8
77	59.4	45.0	67.4



#67

1,2-Dichlorobenzene

Concen: 0.159 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038279.D

Acq: 22 Nov 2024 19:06

Tgt	Ion:146	Resp:	4860
Ion	Ratio	Lower	Upper
146	100		
111	41.9	34.2	51.2
148	52.2	51.0	76.4

