

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038230.D
 Acq On : 21 Nov 2024 10:44
 Operator : SY/MD
 Sample : P4883-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K9

Quant Time: Nov 22 01:42:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

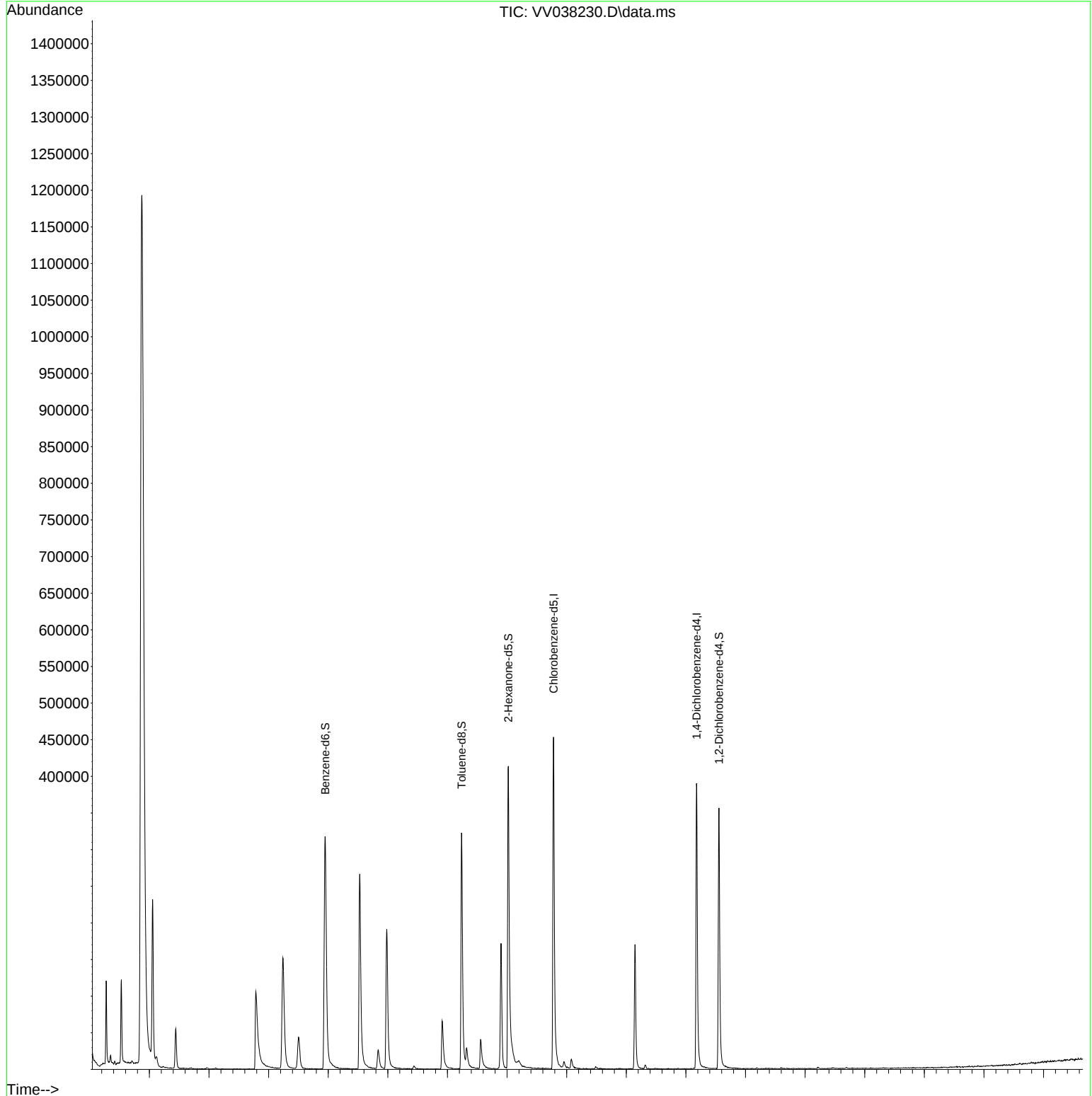
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	253344	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	276585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	115990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72887	3.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.529	69	73886	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.053	65	34543	4.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.786	46	183515	47.242	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.480%
24) Chloroform-d	4.239	84	169515	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	4.937	65	88160	5.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.950	84	306133	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.982	67	101252	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.236	98	239383	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.554	79	32210	3.939	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.021	63	162768	51.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85876	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	98559	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	6118	0.322	ug/L	87
16) Methylene chloride	2.442	84	24212	1.173	ug/L	99
25) Chloroform	4.272	83	10910	0.295	ug/L	89
29) 1,1,1-Trichloroethane	4.506	97	37960	1.144	ug/L	99
34) Trichloroethene	5.841	95	10541	0.498	ug/L	97
42) Toluene	7.320	91	23986	0.292	ug/L	91
47) Tetrachloroethene	7.898	164	42254	2.483	ug/L	96
51) Chlorobenzene	8.818	112	12789	0.226	ug/L	97
53) m,p-Xylene	9.078	106	5030	0.153	ug/L	85
67) 1,2-Dichlorobenzene	11.574	146	6510	0.196	ug/L #	93

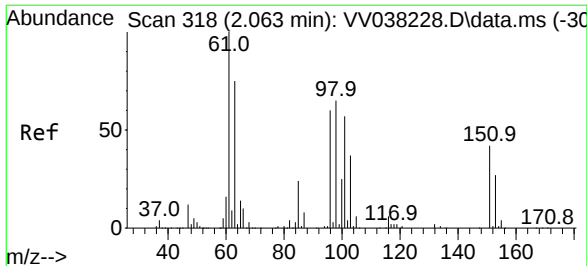
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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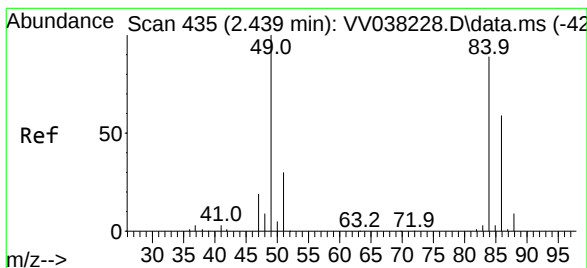
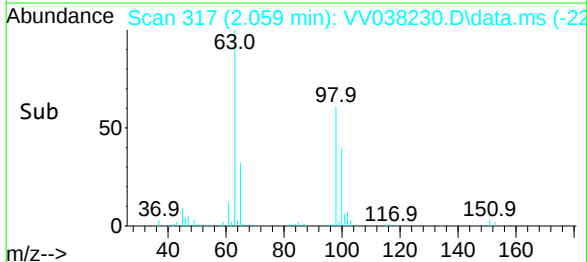
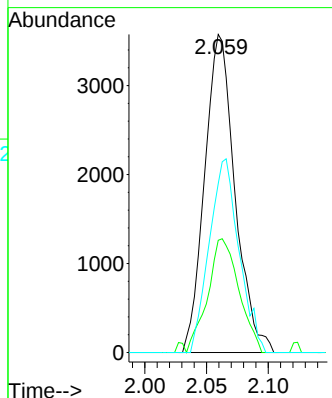
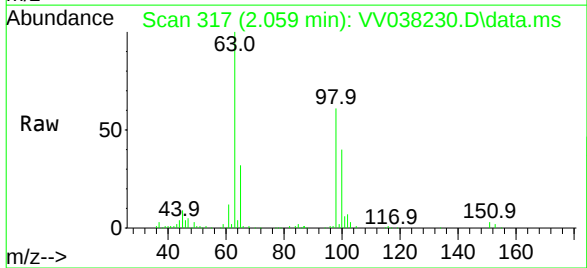




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.322 ug/L
RT: 2.059 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

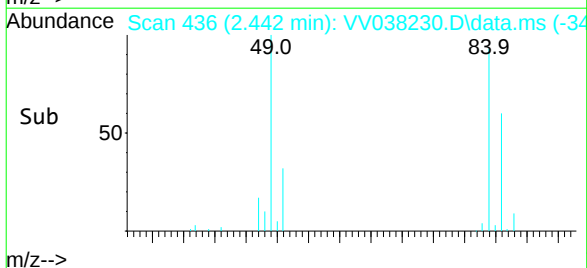
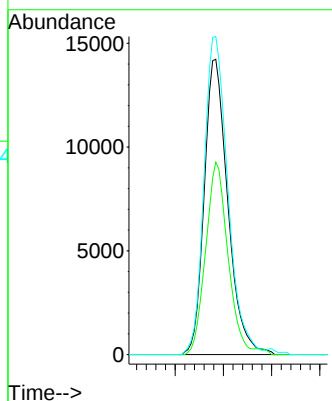
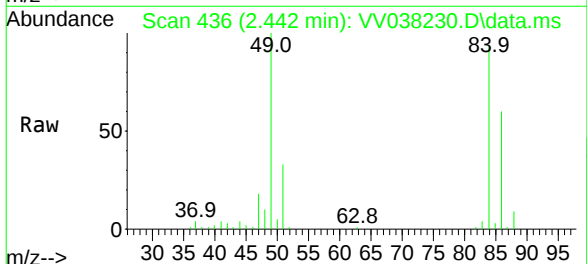
Instrument :
MSVOA_V
ClientSampleId :
BG3K9

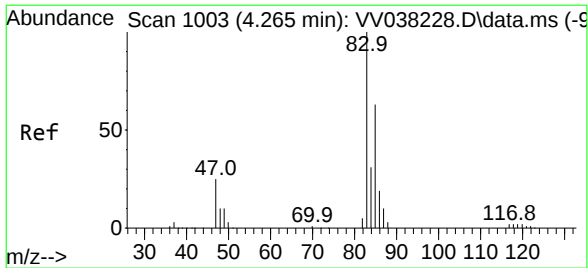
Tgt Ion:	101	Resp:	6118
Ion	Ratio	Lower	Upper
101	100		
85	37.5	33.4	50.0
151	59.6	58.8	88.2



#16
Methylene chloride
Concen: 1.173 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038230.D
Acq: 21 Nov 2024 10:44

Tgt Ion:	84	Resp:	24212
Ion	Ratio	Lower	Upper
84	100		
86	65.1	44.2	82.2
49	107.7	74.9	139.1

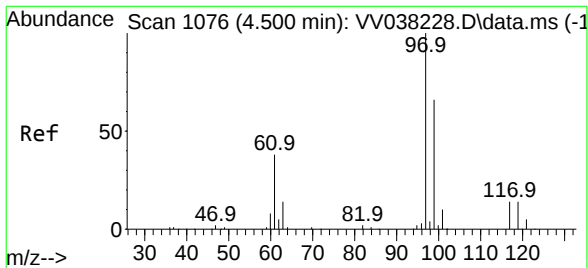
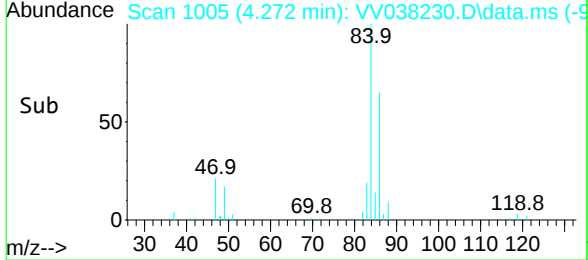
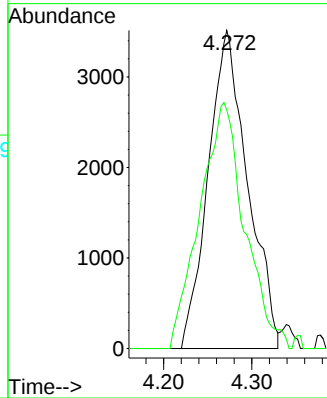
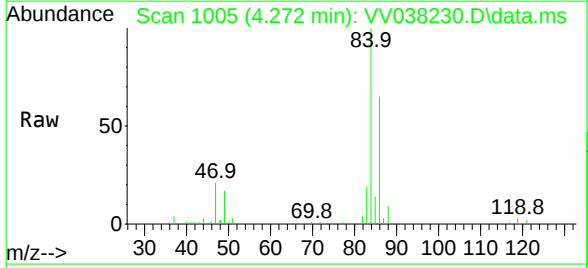




#25
 Chloroform
 Concen: 0.295 ug/L
 RT: 4.272 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VV038230.D
 Acq: 21 Nov 2024 10:44

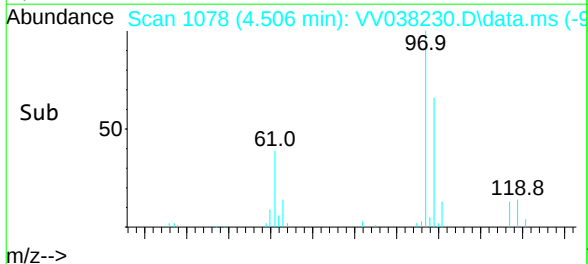
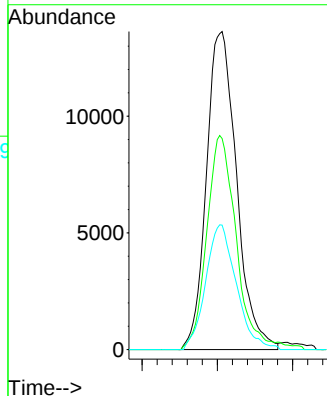
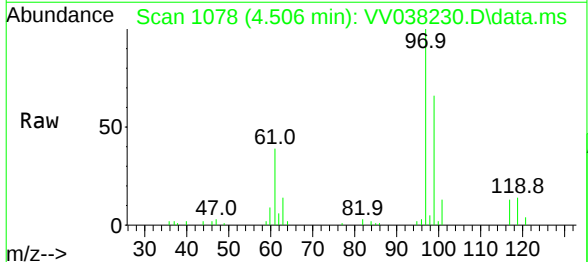
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K9

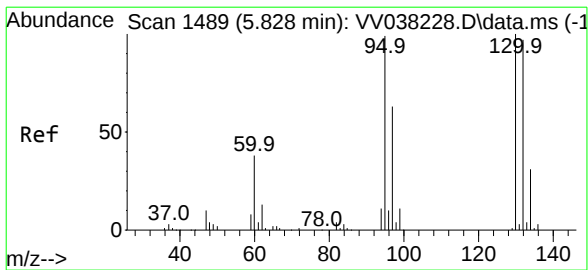
Tgt Ion:	83	Resp:	10910
Ion	Ratio	Lower	Upper
83	100		
85	75.0	46.5	86.3



#29
 1,1,1-Trichloroethane
 Concen: 1.144 ug/L
 RT: 4.506 min Scan# 1078
 Delta R.T. 0.006 min
 Lab File: VV038230.D
 Acq: 21 Nov 2024 10:44

Tgt Ion:	97	Resp:	37960
Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.8	77.8
61	39.8	32.2	48.2





#34

Trichloroethene

Concen: 0.498 ug/L

RT: 5.841 min Scan# 14

Delta R.T. 0.013 min

Lab File: VV038230.D

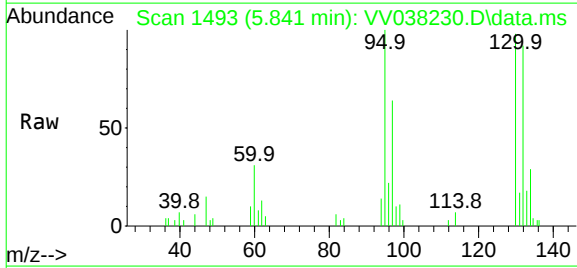
Acq: 21 Nov 2024 10:44

Instrument :

MSVOA_V

ClientSampleId :

BG3K9



Tgt Ion: 95 Resp: 10541

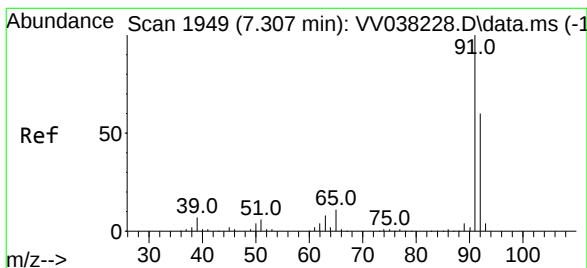
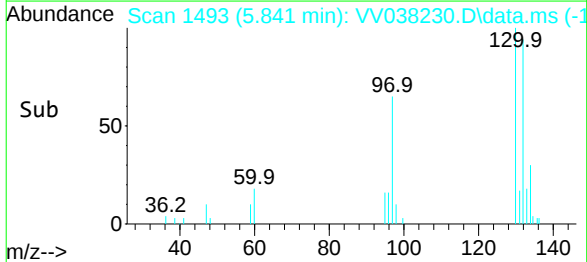
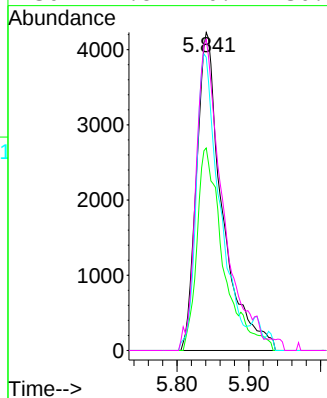
Ion Ratio Lower Upper

95 100

97 63.7 44.8 83.2

132 92.2 68.3 126.8

130 97.8 70.2 130.4



#42

Toluene

Concen: 0.292 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.013 min

Lab File: VV038230.D

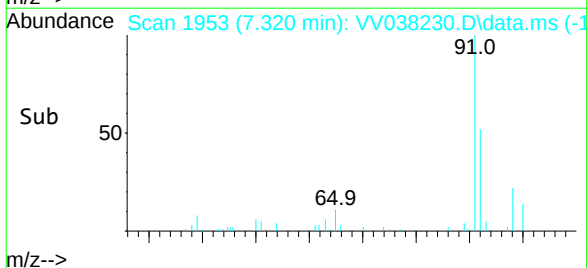
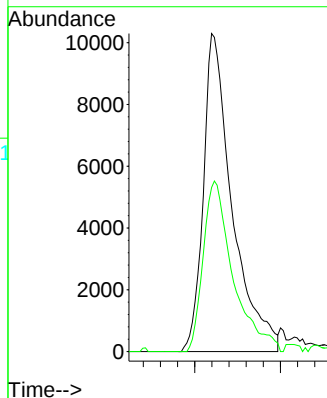
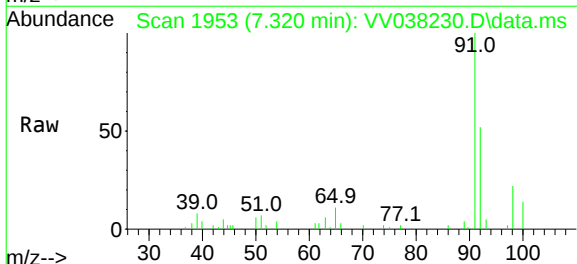
Acq: 21 Nov 2024 10:44

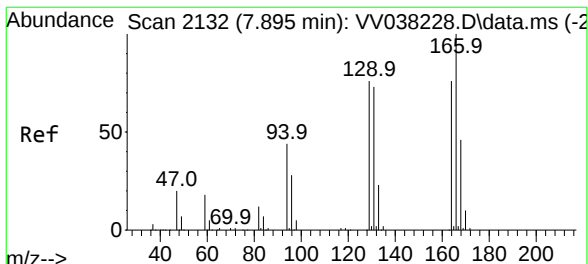
Tgt Ion: 91 Resp: 23986

Ion Ratio Lower Upper

91 100

92 51.6 40.8 75.8

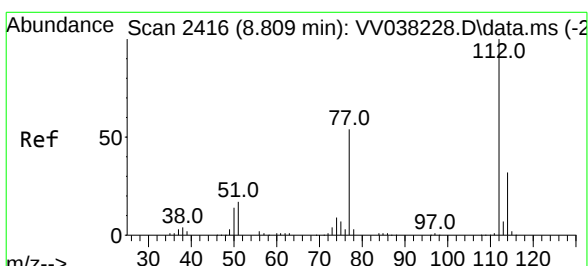
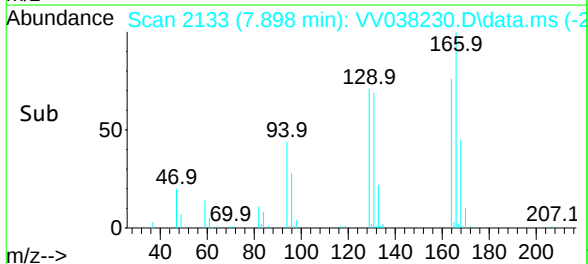
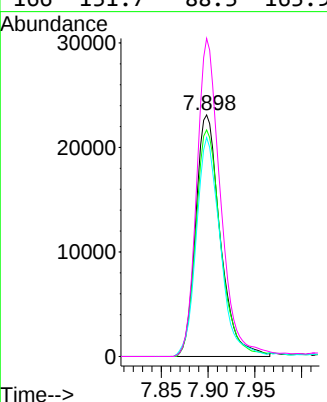
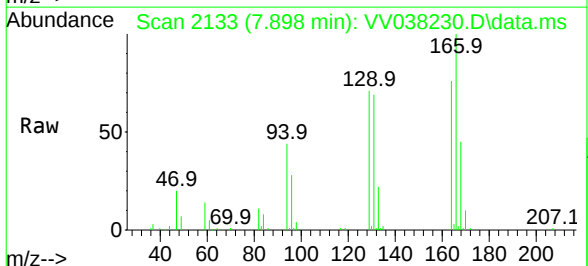




#47
 Tetrachloroethene
 Concen: 2.483 ug/L
 RT: 7.898 min Scan# 2119
 Delta R.T. 0.003 min
 Lab File: VV038230.D
 Acq: 21 Nov 2024 10:44

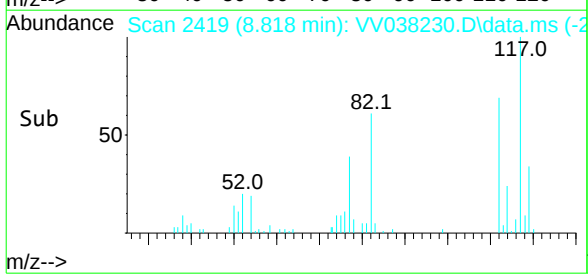
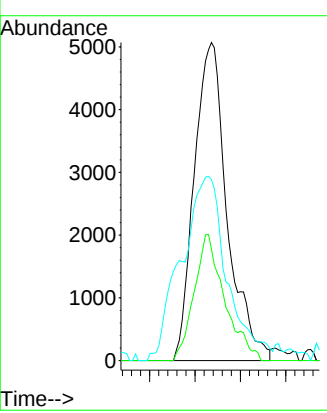
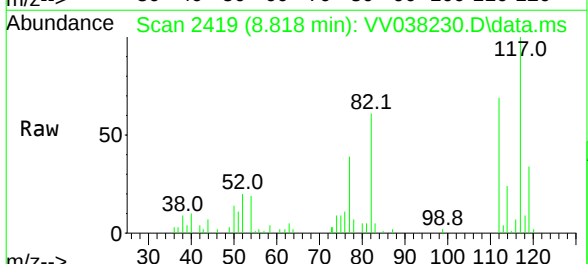
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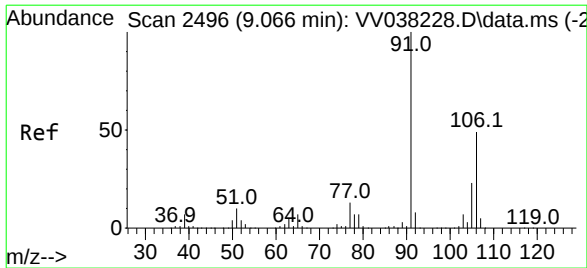
Tgt Ion:	164	Resp:	42254
Ion	Ratio	Lower	Upper
164	100		
129	93.8	68.5	127.1
131	90.7	64.8	120.4
166	131.7	88.3	163.9



#51
 Chlorobenzene
 Concen: 0.226 ug/L
 RT: 8.818 min Scan# 2419
 Delta R.T. 0.009 min
 Lab File: VV038230.D
 Acq: 21 Nov 2024 10:44

Tgt Ion:	112	Resp:	12789
Ion	Ratio	Lower	Upper
112	100		
114	35.0	22.0	40.8
77	56.9	45.0	67.4





#53

m,p-Xylene

Concen: 0.153 ug/L

RT: 9.078 min Scan# 25

Delta R.T. 0.013 min

Lab File: VV038230.D

Acq: 21 Nov 2024 10:44

Instrument :

MSVOA_V

ClientSampleId :

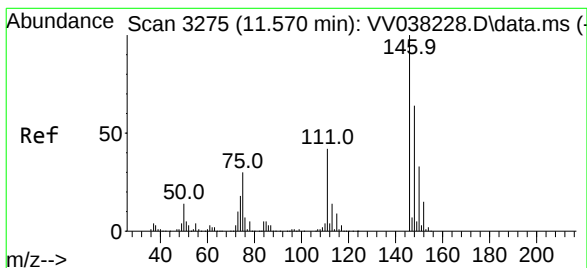
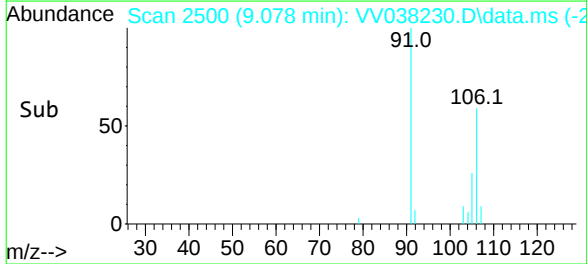
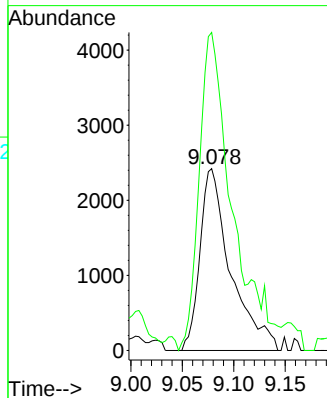
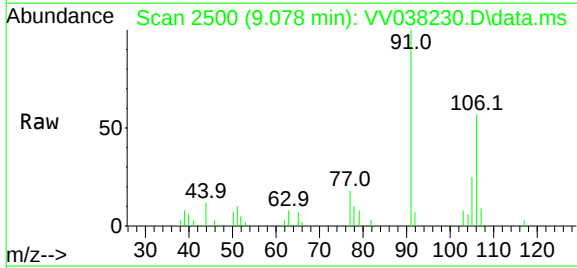
BG3K9

Tgt Ion:106 Resp: 5030

Ion Ratio Lower Upper

106 100

91 174.9 138.7 257.5



#67

1,2-Dichlorobenzene

Concen: 0.196 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038230.D

Acq: 21 Nov 2024 10:44

Tgt Ion:146 Resp: 6510

Ion Ratio Lower Upper

146 100

111 53.4 34.2 51.2#

148 62.9 51.0 76.4

