

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038203.D
 Acq On : 20 Nov 2024 10:03
 Operator : SY/MD
 Sample : P4882-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H3

Quant Time: Nov 21 01:45:42 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)

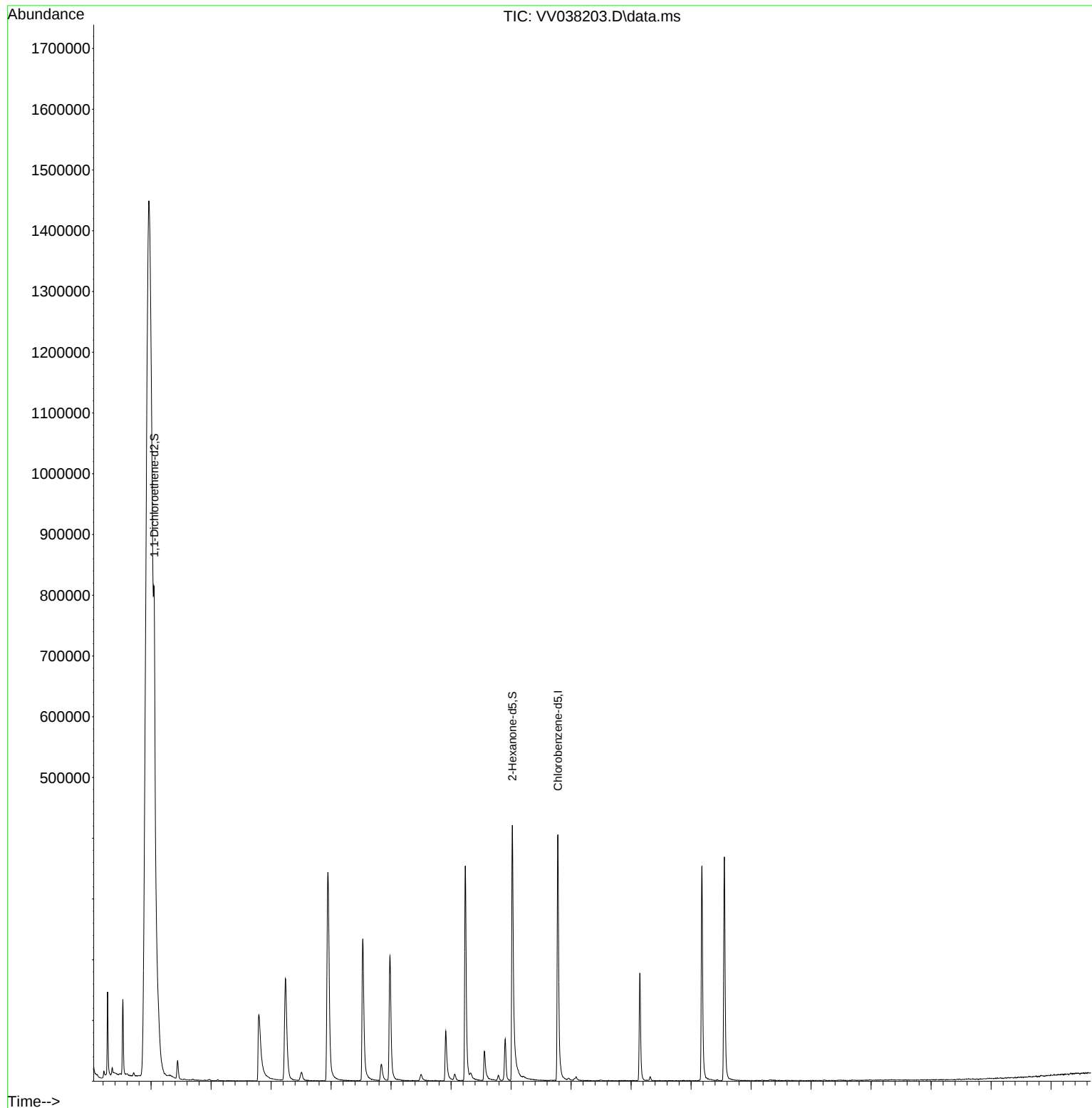
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	228874	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	246031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	102034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	86379	4.924	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.529	69	80116	5.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.053	65	38862	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%
20) 2-Butanone-d5	3.793	46	186331	53.095	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.200%
24) Chloroform-d	4.239	84	185685	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
26) 1,2-Dichloroethane-d4	4.934	65	90100	5.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
32) Benzene-d6	4.950	84	326938	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.979	67	108961	5.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.236	98	263066	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.554	79	35403	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.021	63	169815	60.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	90286	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	102894	5.919	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.400%
Target Compounds				Qvalue		
3) Chloromethane	1.214	50	5842	0.313	ug/L	100
16) Methylene chloride	2.442	84	13621	0.731	ug/L	96
25) Chloroform	4.272	83	19314	0.578	ug/L	95
29) 1,1,1-Trichloroethane	4.510	97	11842	0.401	ug/L	99
34) Trichloroethene	5.841	95	10577	0.561	ug/L	94
47) Tetrachloroethene	7.902	164	16978	1.122	ug/L	96
51) Chlorobenzene	8.815	112	6908	0.137	ug/L #	84

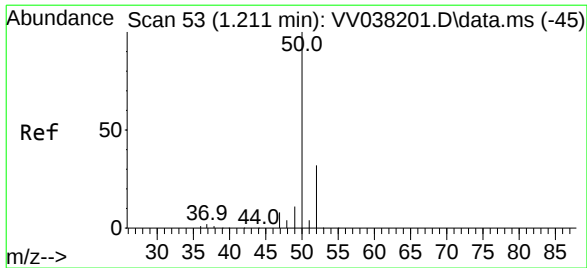
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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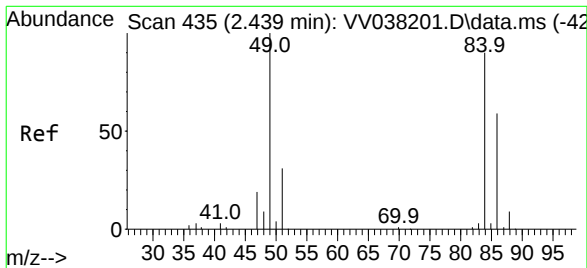
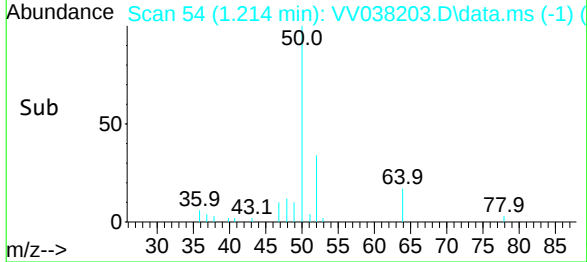
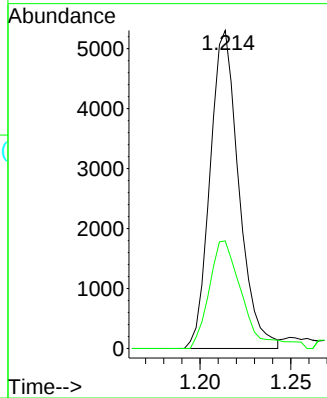
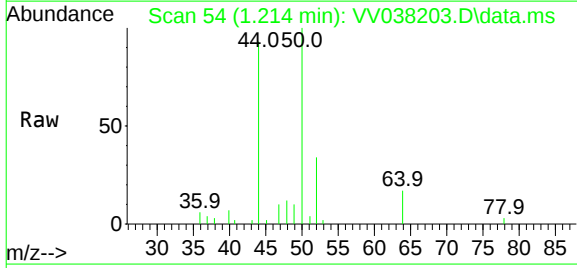




#3
Chloromethane
Concen: 0.313 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

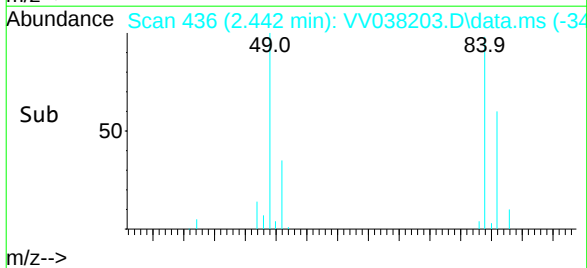
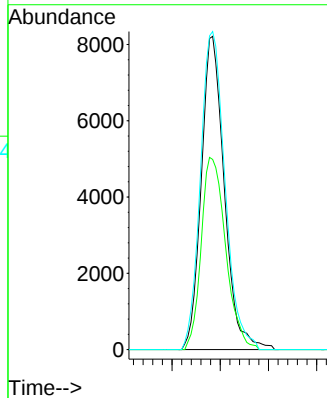
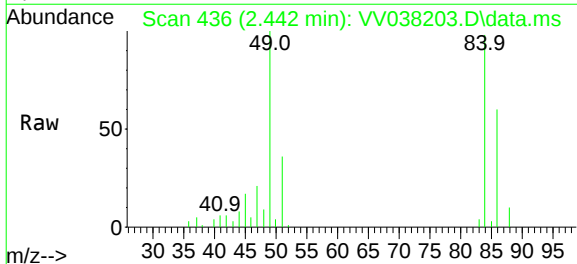
Instrument :
MSVOA_V
ClientSampleId :
BG3H3

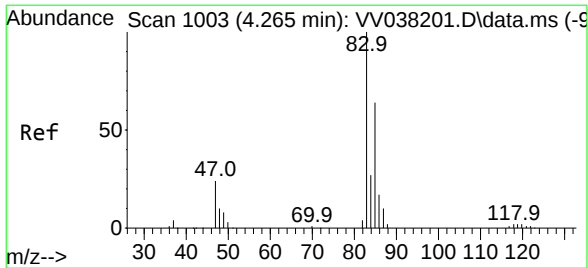
Tgt Ion: 50 Resp: 5842
Ion Ratio Lower Upper
50 100
52 33.8 23.5 43.7



#16
Methylene chloride
Concen: 0.731 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038203.D
Acq: 20 Nov 2024 10:03

Tgt Ion: 84 Resp: 13621
Ion Ratio Lower Upper
84 100
86 60.7 44.2 82.2
49 101.5 74.9 139.1





#25

Chloroform

Concen: 0.578 ug/L

RT: 4.272 min Scan# 10

Delta R.T. 0.006 min

Lab File: VV038203.D

Acq: 20 Nov 2024 10:03

Instrument :

MSVOA_V

ClientSampleId :

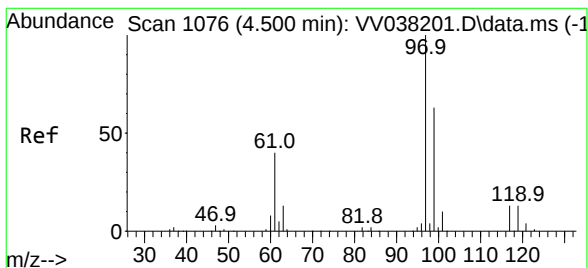
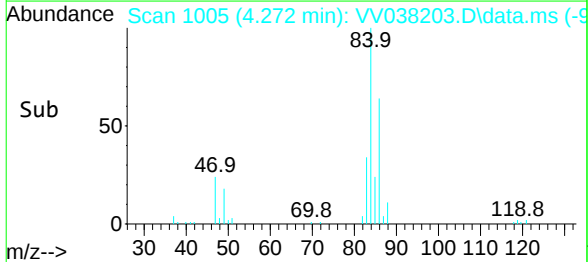
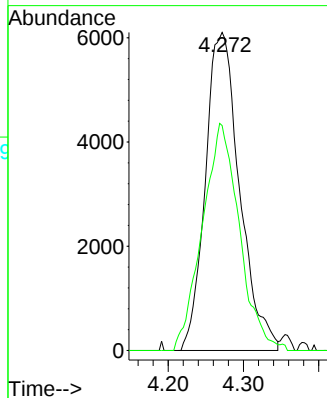
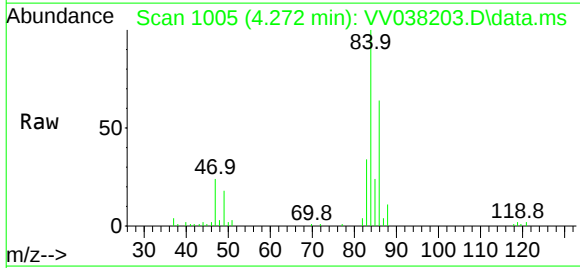
BG3H3

Tgt Ion: 83 Resp: 19314

Ion Ratio Lower Upper

83 100

85 70.7 46.5 86.3



#29

1,1,1-Trichloroethane

Concen: 0.401 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.010 min

Lab File: VV038203.D

Acq: 20 Nov 2024 10:03

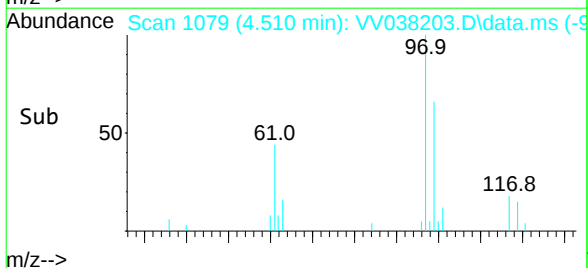
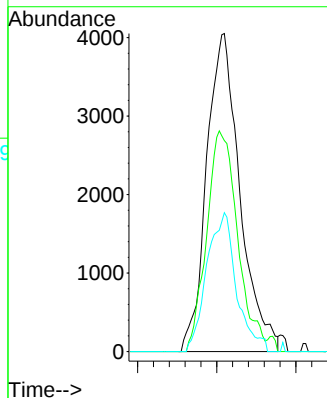
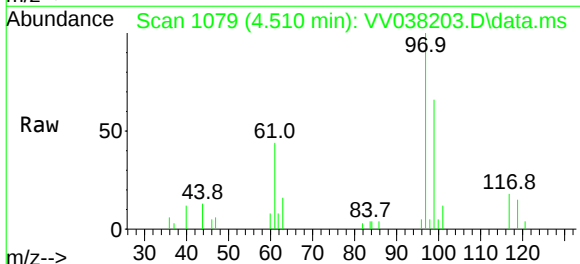
Tgt Ion: 97 Resp: 11842

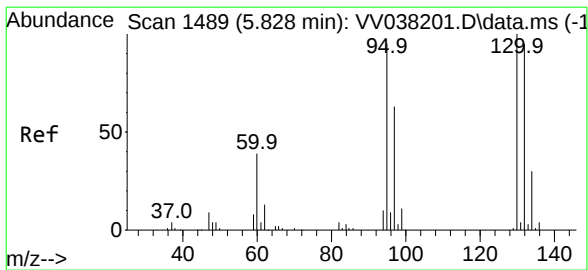
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 38.7 32.2 48.2





#34

Trichloroethene

Concen: 0.561 ug/L

RT: 5.841 min Scan# 14

Delta R.T. 0.013 min

Lab File: VV038203.D

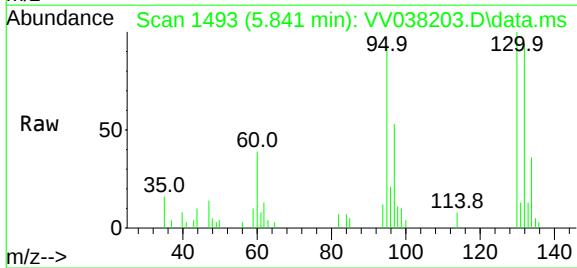
Acq: 20 Nov 2024 10:03

Instrument :

MSVOA_V

ClientSampleId :

BG3H3



Tgt Ion: 95 Resp: 10577

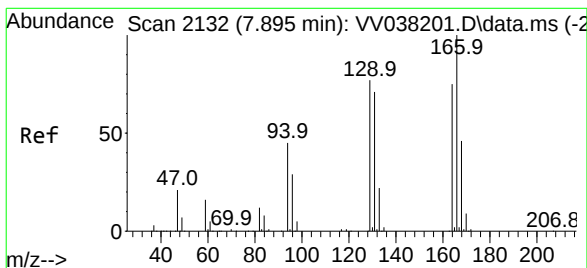
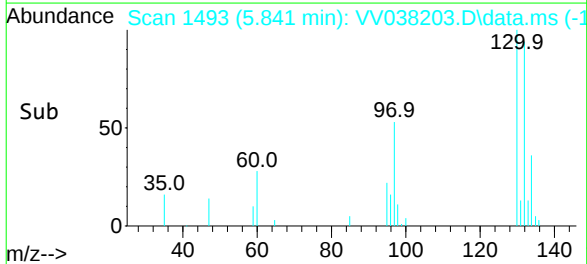
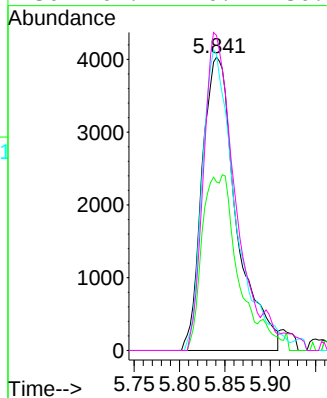
Ion Ratio Lower Upper

95 100

97 57.5 44.8 83.2

132 100.9 68.3 126.8

130 107.4 70.2 130.4



#47

Tetrachloroethene

Concen: 1.122 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV038203.D

Acq: 20 Nov 2024 10:03

Tgt Ion: 164 Resp: 16978

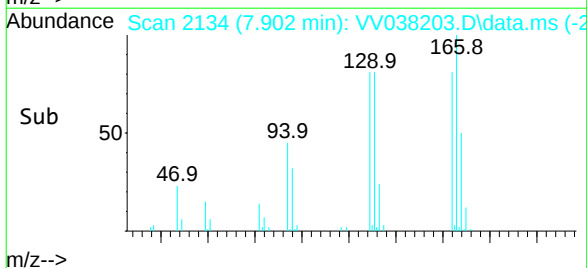
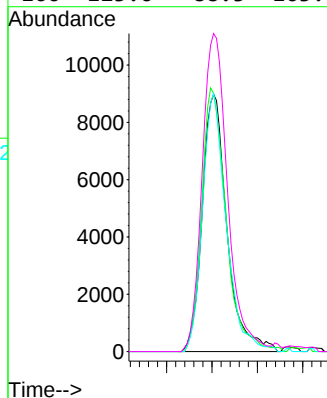
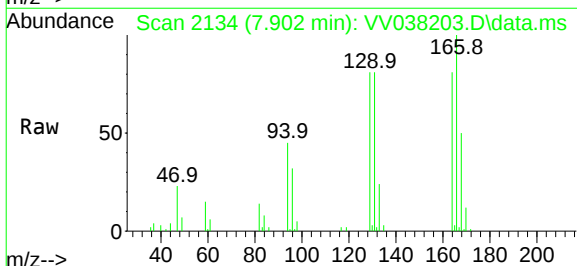
Ion Ratio Lower Upper

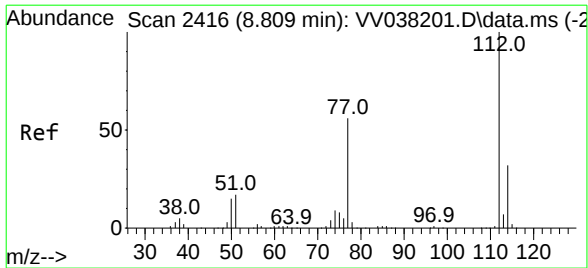
164 100

129 100.4 68.5 127.1

131 100.4 64.8 120.4

166 123.6 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.137 ug/L
 RT: 8.815 min Scan# 2416
 Delta R.T. 0.006 min
 Lab File: VV038203.D
 Acq: 20 Nov 2024 10:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H3

Tgt Ion:	112	Resp:	6908
Ion Ratio	Lower	Upper	
112	100		
114	35.8	22.0	40.8
77	71.3	45.0	67.4#

