

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038192.D
 Acq On : 19 Nov 2024 21:23
 Operator : SY/MD
 Sample : P4882-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J6

Quant Time: Nov 20 00:41:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

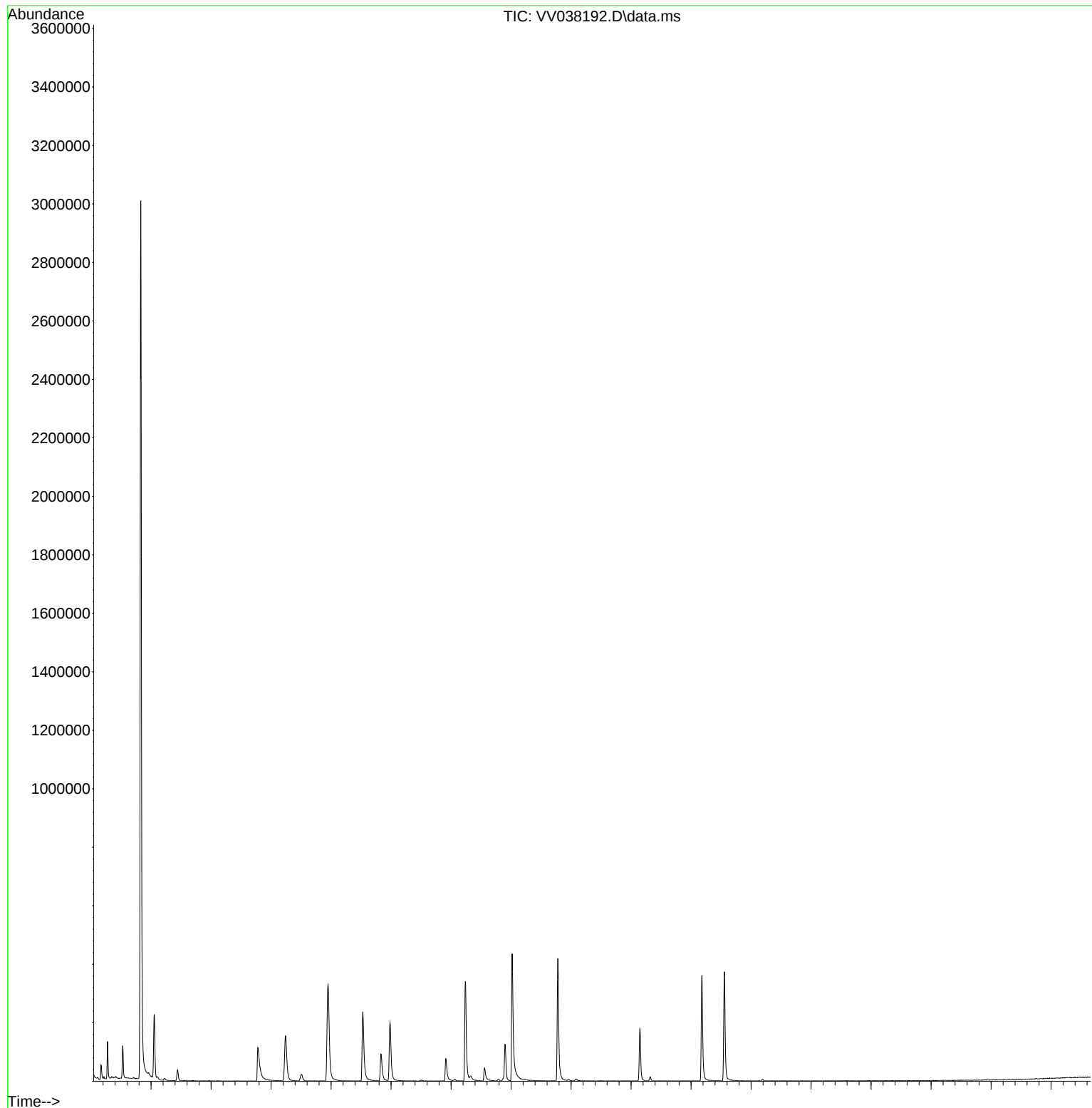
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	221663	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	247743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	105460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	79473	4.678	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.529	69	74440	5.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.053	65	36509	4.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.780	46	175820	51.730	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.460%
24) Chloroform-d	4.240	84	176092	5.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	4.937	65	90294	6.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.000%
32) Benzene-d6	4.953	84	313610	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	5.982	67	106070	5.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.240	98	254813	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.555	79	34793	4.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.018	63	168617	59.216	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.440%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	93044	5.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	104488	5.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.400%
Target Compounds						
3) Chloromethane	1.214	50	4788	0.265	ug/L	92
16) Methylene chloride	2.442	84	15865	0.879	ug/L	98
29) 1,1,1-Trichloroethane	4.507	97	19805	0.667	ug/L	98
34) Trichloroethene	5.834	95	37476	1.976	ug/L	98
42) Toluene	7.330	91	13370	0.181	ug/L	99
47) Tetrachloroethene	7.899	164	31055	2.037	ug/L	98
51) Chlorobenzene	8.815	112	8226	0.162	ug/L	92

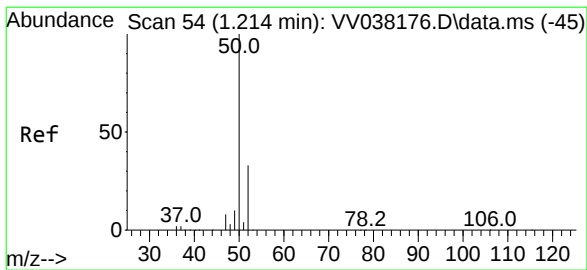
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.265 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.000 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

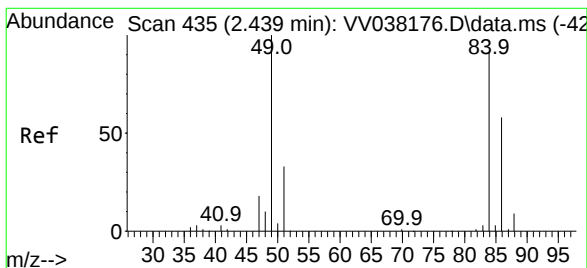
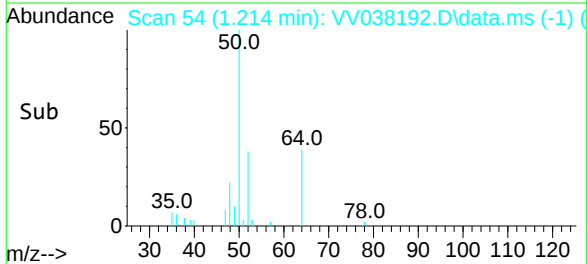
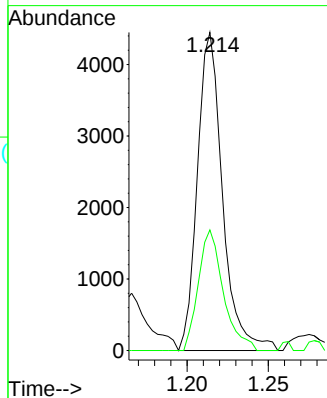
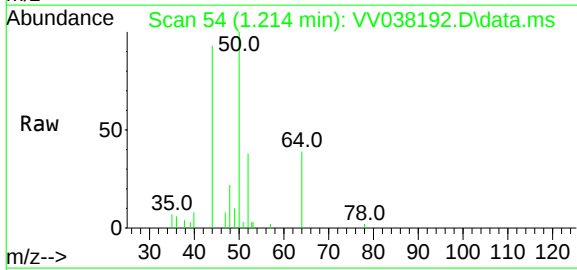
BG3J6

Tgt Ion: 50 Resp: 4788

Ion Ratio Lower Upper

50 100

52 37.9 23.5 43.7



#16

Methylene chloride

Concen: 0.879 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

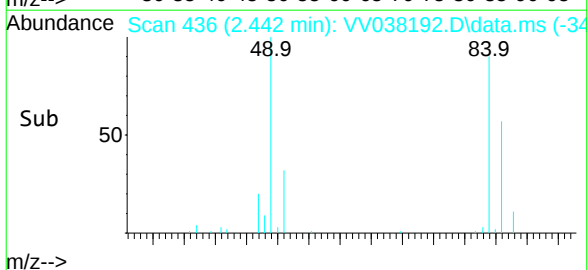
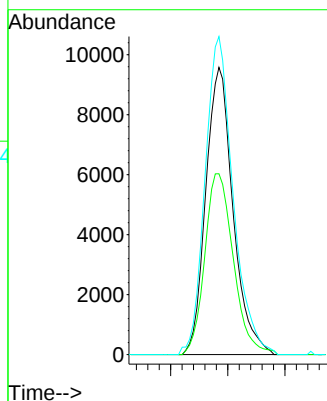
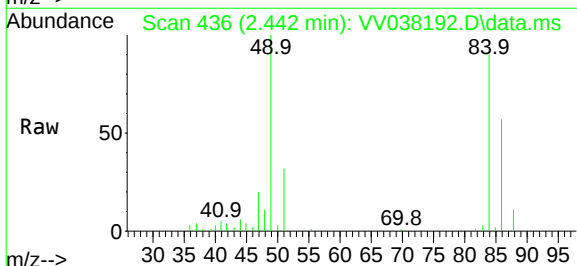
Tgt Ion: 84 Resp: 15865

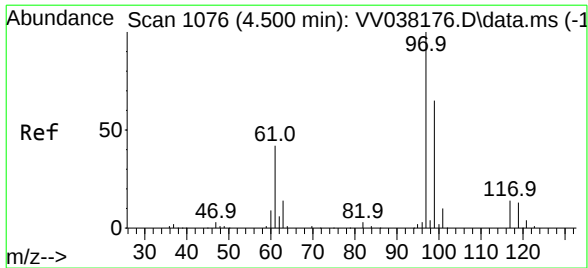
Ion Ratio Lower Upper

84 100

86 63.0 44.2 82.2

49 110.7 74.9 139.1

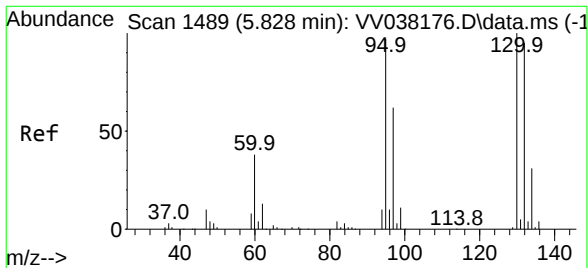
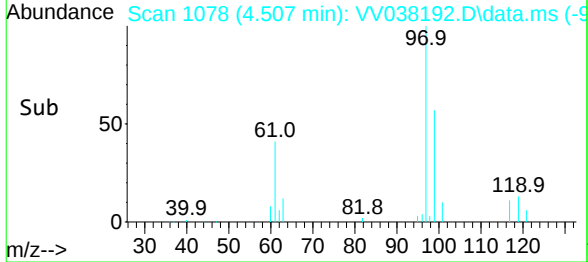
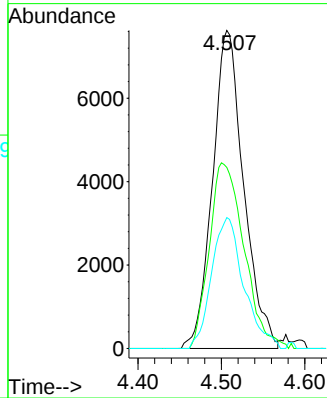
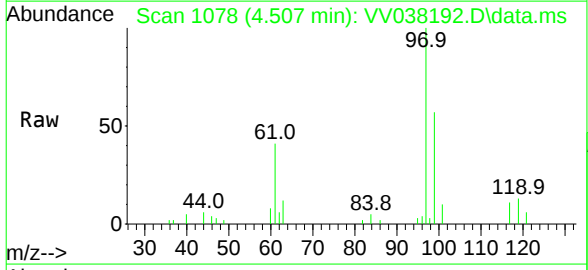




#29
1,1,1-Trichloroethane
Concen: 0.667 ug/L
RT: 4.507 min Scan# 1076
Delta R.T. 0.007 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

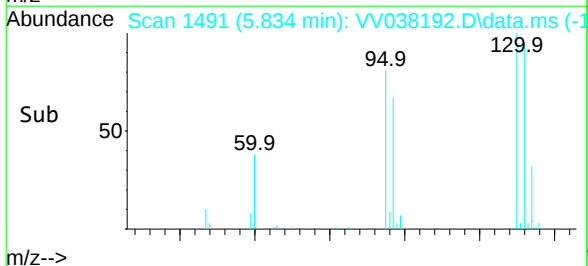
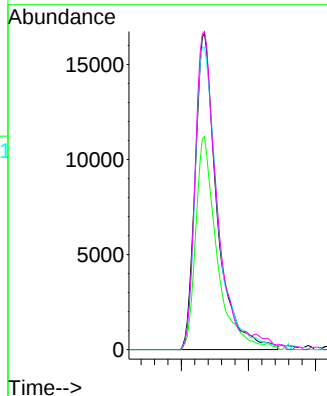
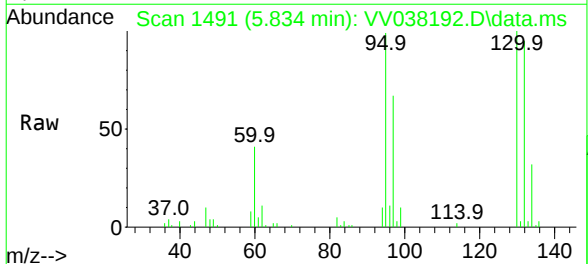
Instrument :
MSVOA_V
ClientSampleId :
BG3J6

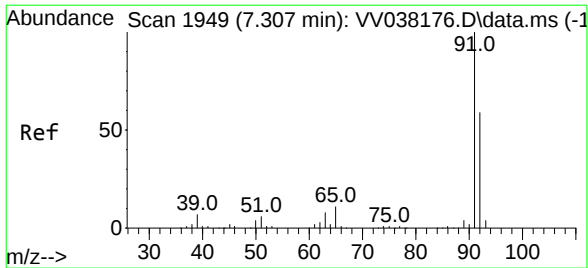
Tgt Ion:	97	Resp:	19805
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	42.5	32.2	48.2



#34
Trichloroethene
Concen: 1.976 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.007 min
Lab File: VV038192.D
Acq: 19 Nov 2024 21:23

Tgt Ion:	95	Resp:	37476
Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.8	83.2
132	95.6	68.3	126.8
130	100.5	70.2	130.4





#42

Toluene

Concen: 0.181 ug/L

RT: 7.330 min Scan# 19

Delta R.T. 0.023 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Instrument :

MSVOA_V

ClientSampleId :

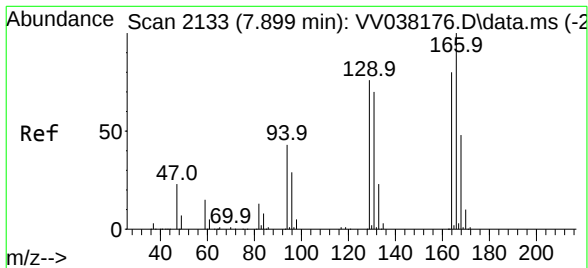
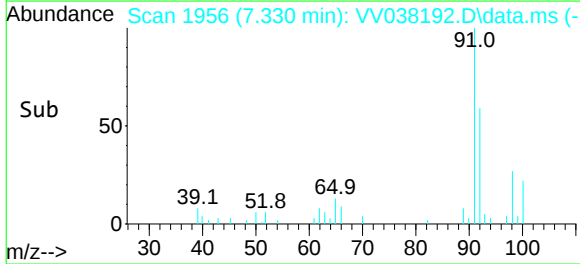
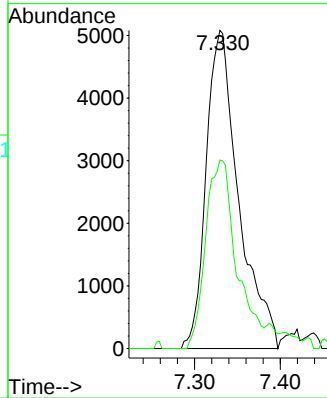
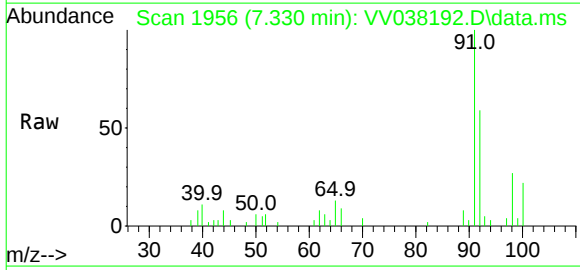
BG3J6

Tgt Ion: 91 Resp: 13370

Ion Ratio Lower Upper

91 100

92 59.3 40.8 75.8



#47

Tetrachloroethene

Concen: 2.037 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV038192.D

Acq: 19 Nov 2024 21:23

Tgt Ion: 164 Resp: 31055

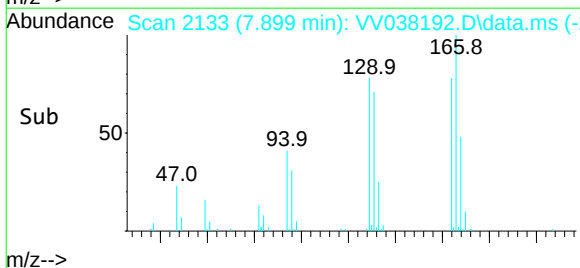
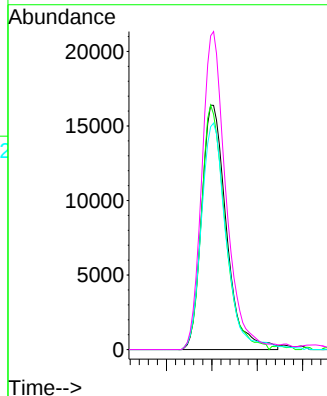
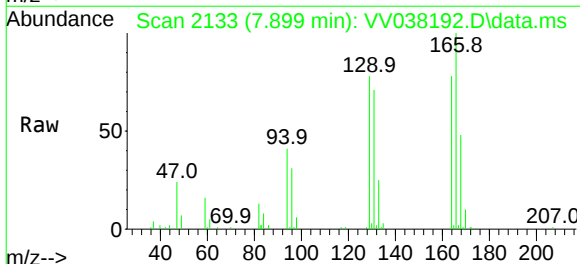
Ion Ratio Lower Upper

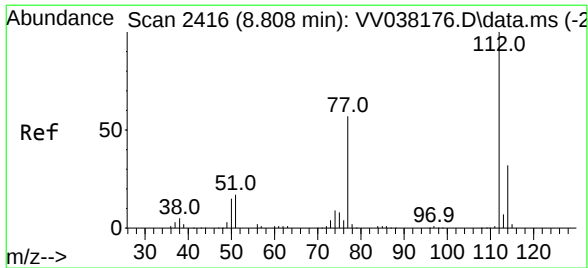
164 100

129 100.0 68.5 127.1

131 91.2 64.8 120.4

166 128.3 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.162 ug/L
 RT: 8.815 min Scan# 2416
 Delta R.T. 0.007 min
 Lab File: VV038192.D
 Acq: 19 Nov 2024 21:23

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J6

Tgt Ion:	112	Resp:	8226
Ion	Ratio	Lower	Upper
112	100		
114	26.9	22.0	40.8
77	61.9	45.0	67.4

