

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038205.D
 Acq On : 20 Nov 2024 11:08
 Operator : SY/MD
 Sample : P4882-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J5

Quant Time: Nov 21 01:46:24 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)

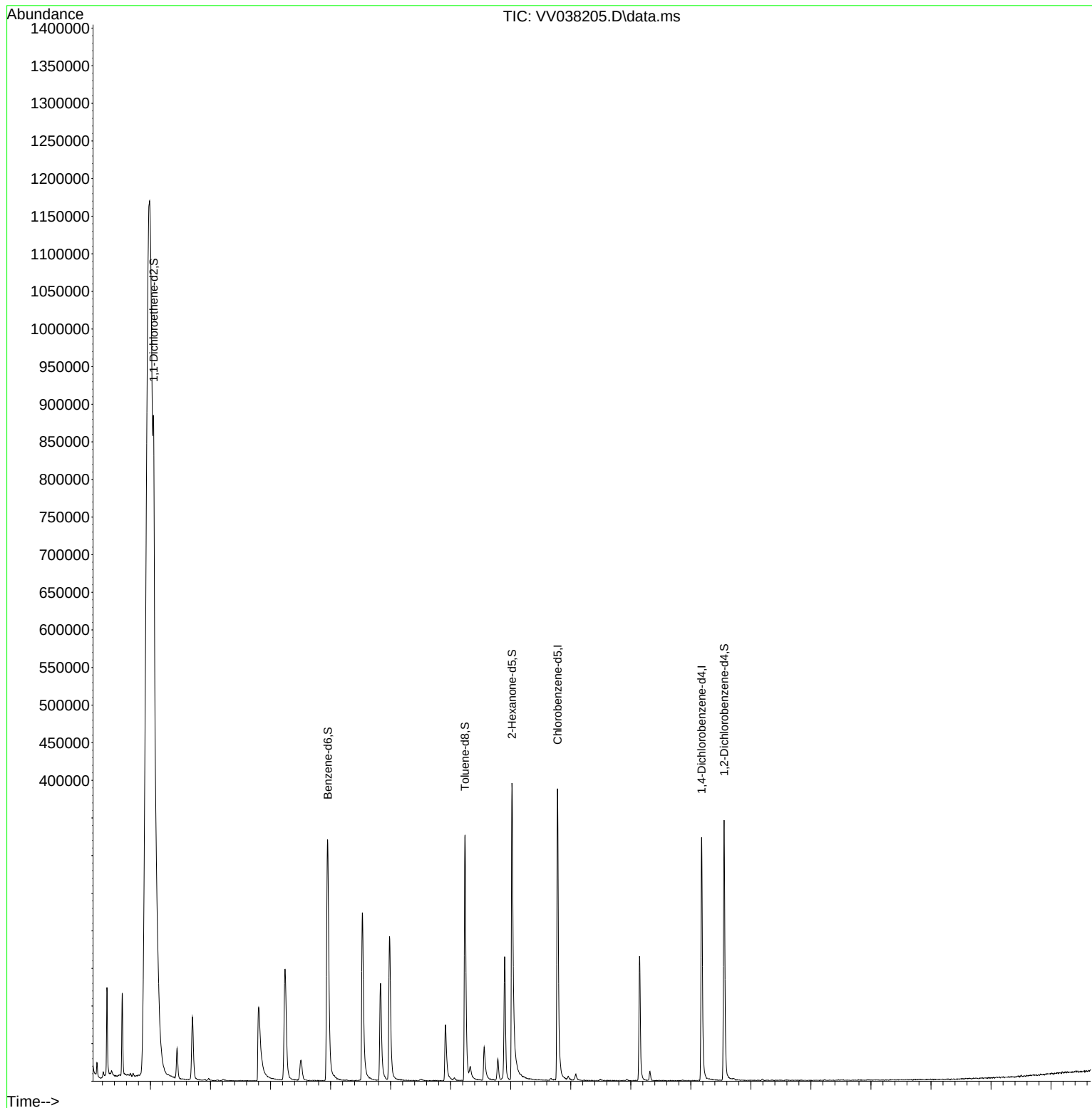
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	222241	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	236316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	95830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75594	4.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.529	69	71293	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.053	65	34491	4.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.799	46	192575	56.512	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.020%
24) Chloroform-d	4.240	84	173437	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	4.937	65	85355	5.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
32) Benzene-d6	4.953	84	301382	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	5.982	67	100522	5.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.240	98	243230	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.558	79	33130	4.741	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.021	63	161438	59.436	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.880%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85050	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	98250	6.017	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.400%#
Target Compounds			Qvalue			
3) Chloromethane	1.214	50	4669	0.258	ug/L	88
16) Methylene chloride	2.442	84	17800	0.983	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	84042	2.342	ug/L	99
22) cis-1,2-Dichloroethene	3.812	96	5621	0.325	ug/L	88
29) 1,1,1-Trichloroethane	4.507	97	24562	0.867	ug/L	98
34) Trichloroethene	5.831	95	51173	2.828	ug/L	96
47) Tetrachloroethene	7.899	164	38301	2.634	ug/L	96
51) Chlorobenzene	8.812	112	7972	0.165	ug/L	99

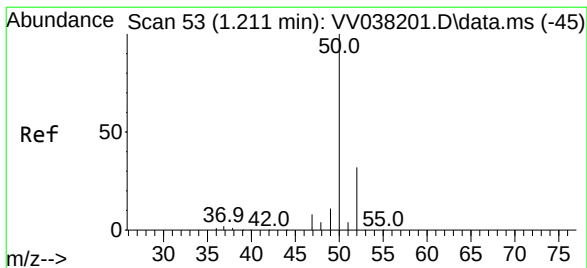
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.258 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.003 min

Lab File: VV038205.D

Acq: 20 Nov 2024 11:08

Instrument :

MSVOA_V

ClientSampleId :

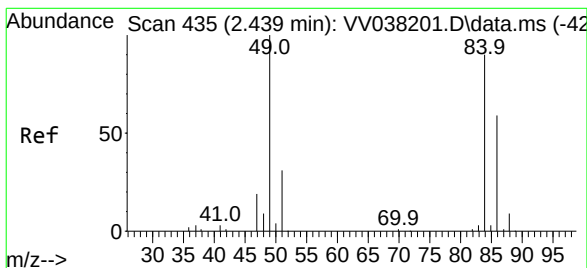
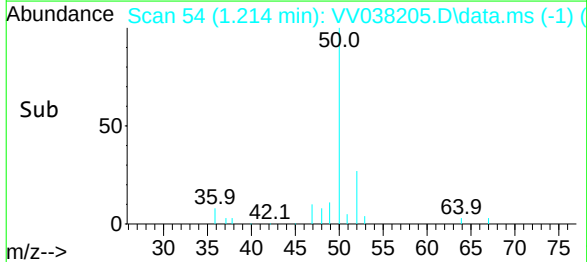
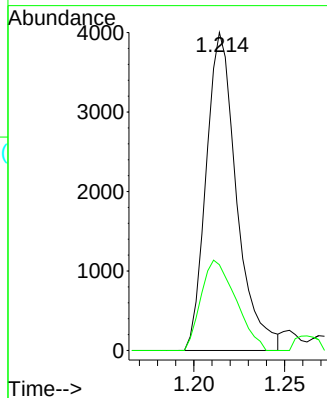
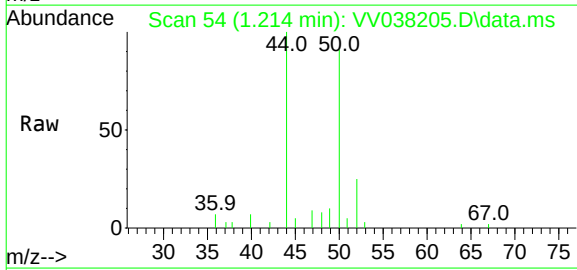
BG3J5

Tgt Ion: 50 Resp: 4669

Ion Ratio Lower Upper

50 100

52 27.0 23.5 43.7



#16

Methylene chloride

Concen: 0.983 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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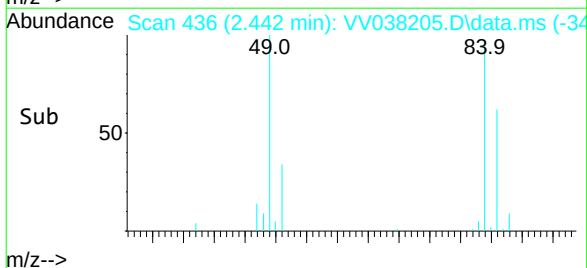
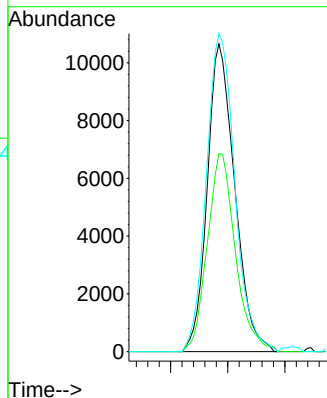
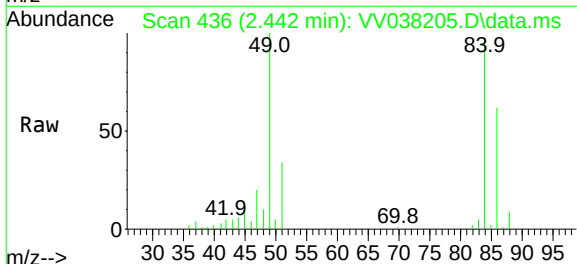
Tgt Ion: 84 Resp: 17800

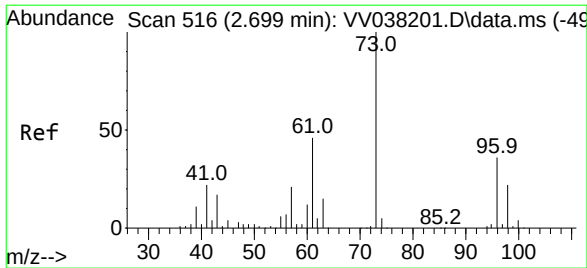
Ion Ratio Lower Upper

84 100

86 64.3 44.2 82.2

49 103.4 74.9 139.1

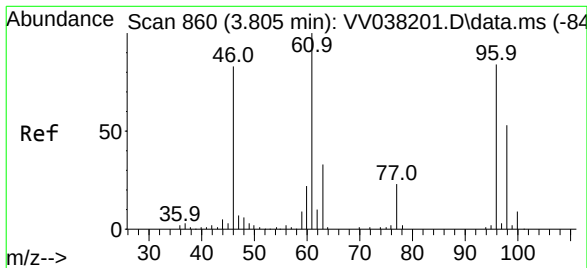
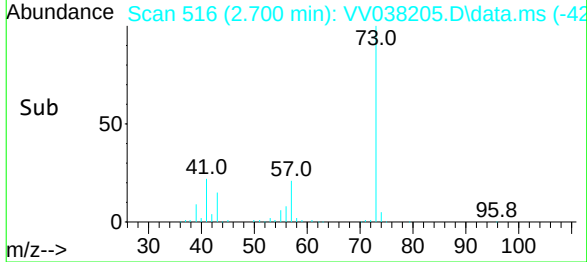
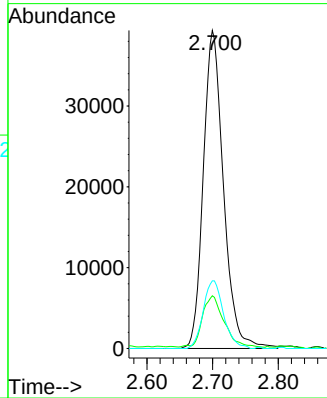
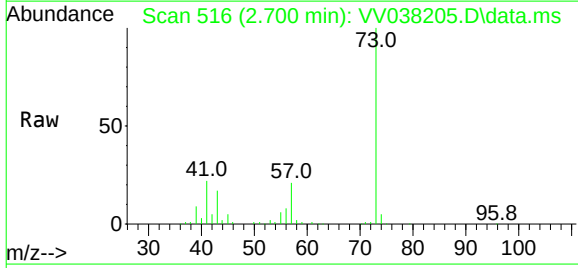




#17
Methyl tert-butyl Ether
Concen: 2.342 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

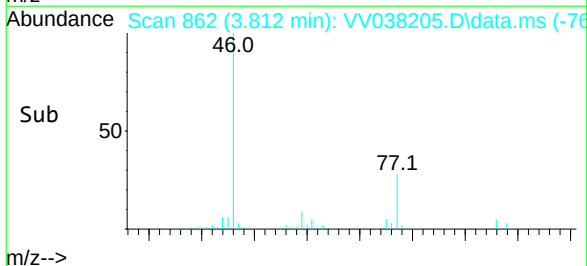
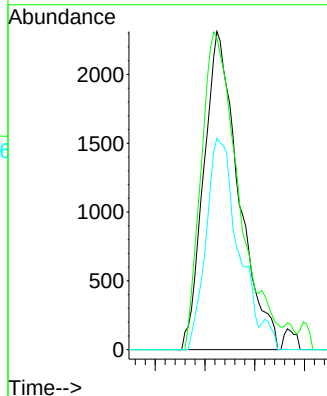
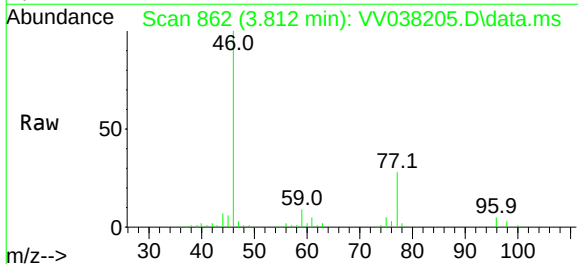
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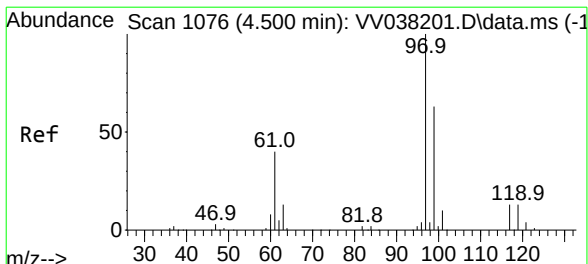
Tgt Ion: 73	Resp: 84042
Ion Ratio	Lower Upper
73 100	
43 17.0	14.2 21.2
57 21.4	17.6 26.4



#22
cis-1,2-Dichloroethene
Concen: 0.325 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Tgt Ion: 96	Resp: 5621
Ion Ratio	Lower Upper
96 100	
61 98.0	82.7 153.5
98 66.4	46.3 85.9

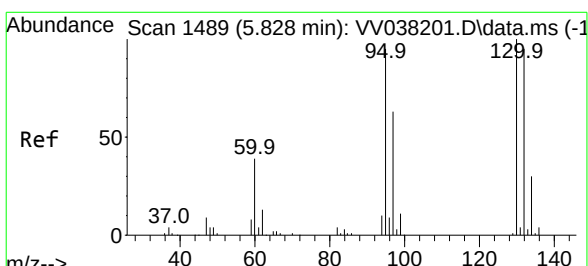
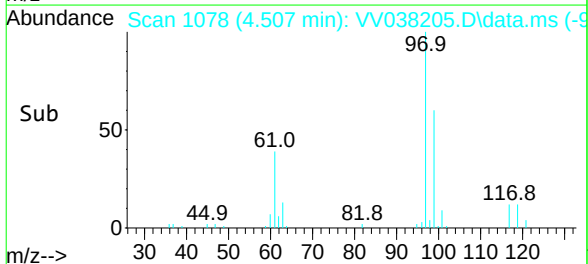
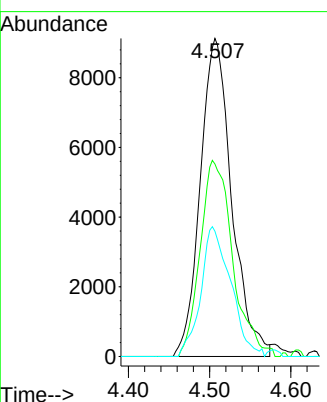
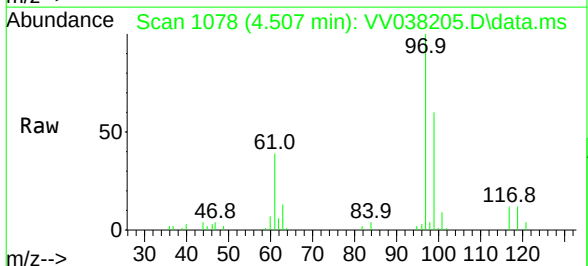




#29
 1,1,1-Trichloroethane
 Concen: 0.867 ug/L
 RT: 4.507 min Scan# 10
 Delta R.T. 0.007 min
 Lab File: VV038205.D
 Acq: 20 Nov 2024 11:08

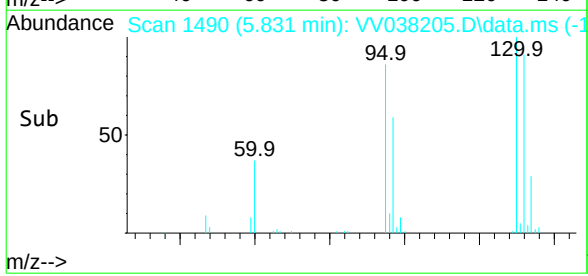
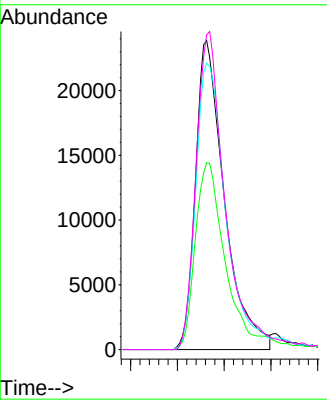
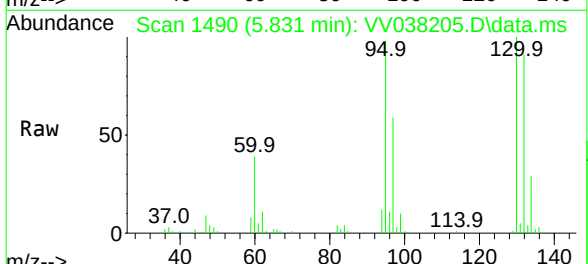
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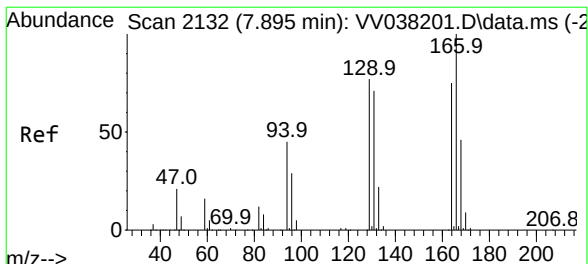
Tgt Ion:	97	Resp:	24562
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.8
61	38.7	32.2	48.2



#34
 Trichloroethene
 Concen: 2.828 ug/L
 RT: 5.831 min Scan# 1490
 Delta R.T. 0.003 min
 Lab File: VV038205.D
 Acq: 20 Nov 2024 11:08

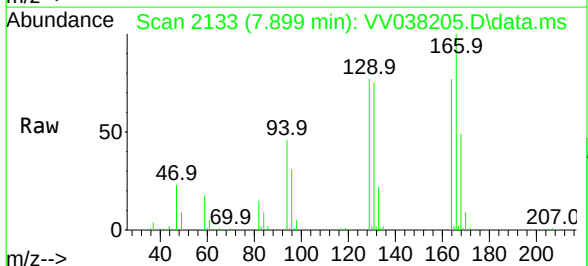
Tgt Ion:	95	Resp:	51173
Ion	Ratio	Lower	Upper
95	100		
97	60.5	44.8	83.2
132	92.7	68.3	126.8
130	101.8	70.2	130.4





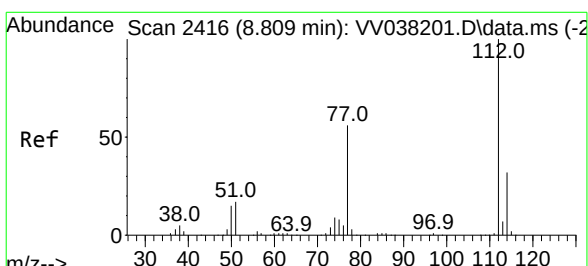
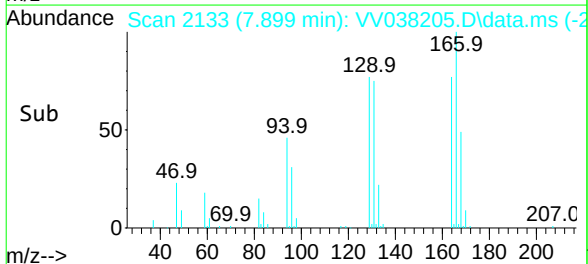
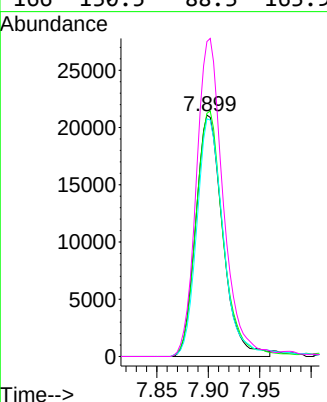
#47
Tetrachloroethene
Concen: 2.634 ug/L
RT: 7.899 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Instrument :
MSVOA_V
ClientSampleId :
BG3J5



Tgt Ion:164 Resp: 38301

Ion	Ratio	Lower	Upper
164	100		
129	100.8	68.5	127.1
131	98.5	64.8	120.4
166	130.5	88.3	163.9



#51
Chlorobenzene
Concen: 0.165 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Tgt Ion:112 Resp: 7972

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	40.8
77	55.2	45.0	67.4

