

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038216.D
 Acq On : 20 Nov 2024 15:33
 Operator : SY/MD
 Sample : P4883-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J9

Quant Time: Nov 21 01:50:05 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)

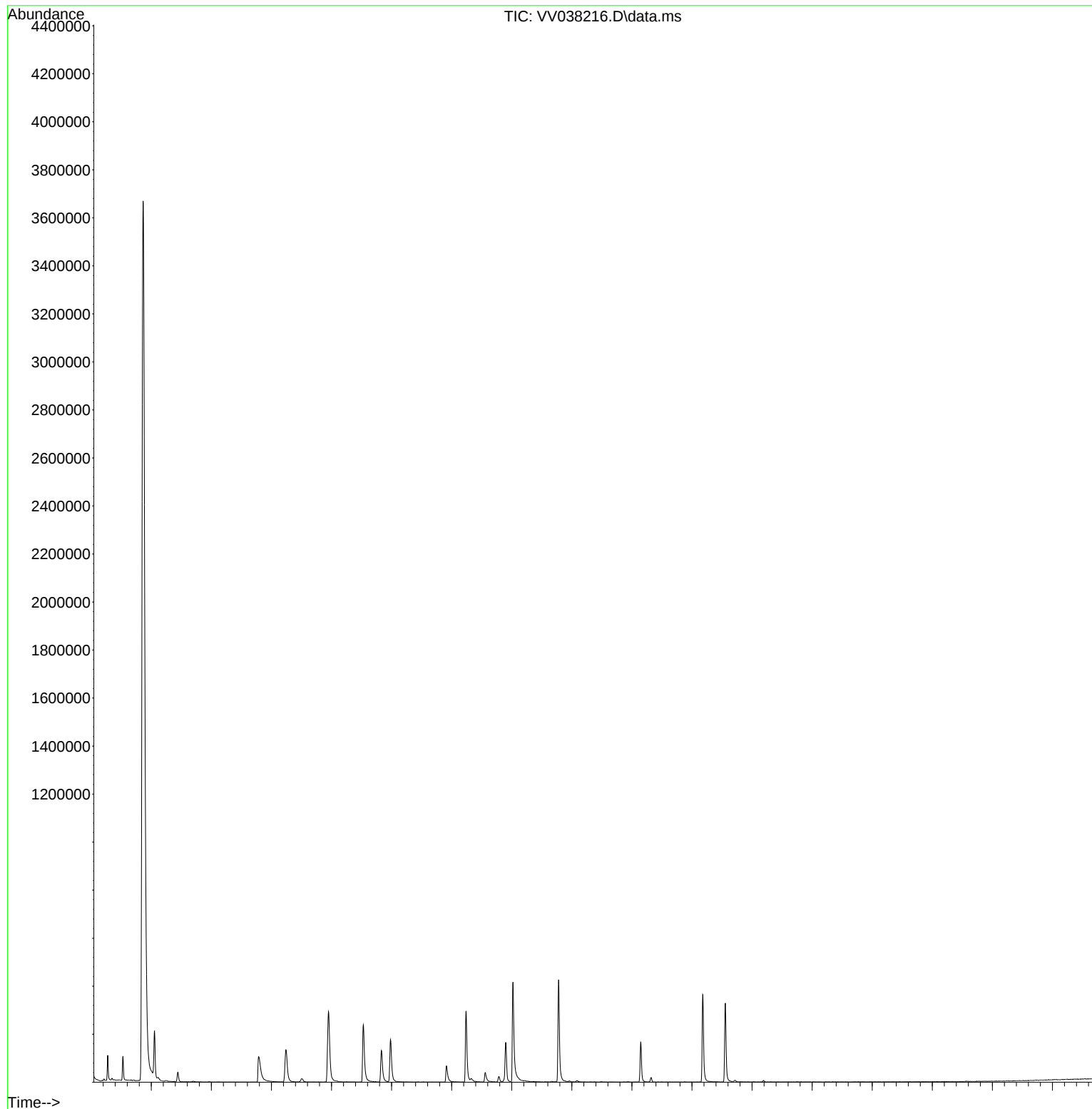
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	229348	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	253984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	107632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67380	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.529	69	64431	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.053	65	31382	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.786	46	189784	53.967	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.940%
24) Chloroform-d	4.243	84	156570	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.937	65	80568	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.953	84	274966	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	5.982	67	91865	4.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.239	98	216441	3.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.558	79	30048	4.001	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.021	63	154425	52.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.800%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83059	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	92783	5.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
16) Methylene chloride	2.442	84	17499	0.937	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	10042	0.563	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	12919	0.424	ug/L	96
34) Trichloroethene	5.831	95	52371	2.693	ug/L	97
47) Tetrachloroethene	7.902	164	40225	2.574	ug/L	98

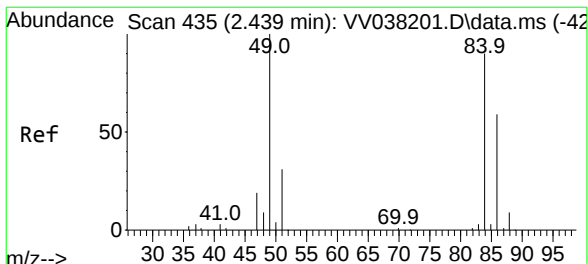
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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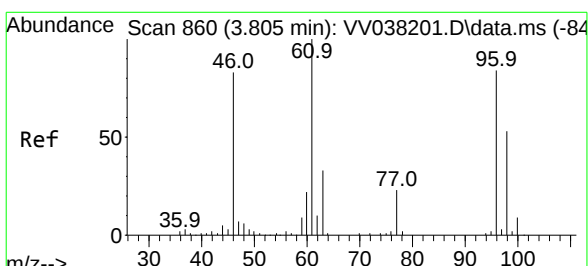
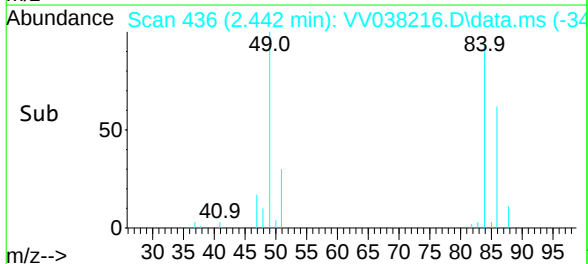
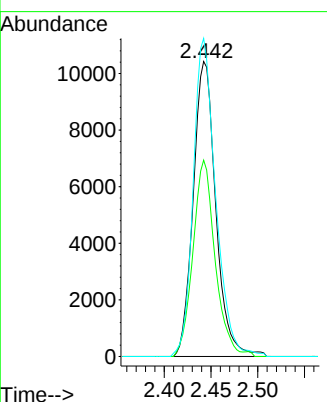
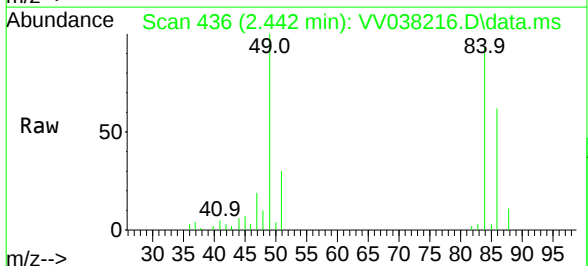




#16
Methylene chloride
Concen: 0.937 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038216.D
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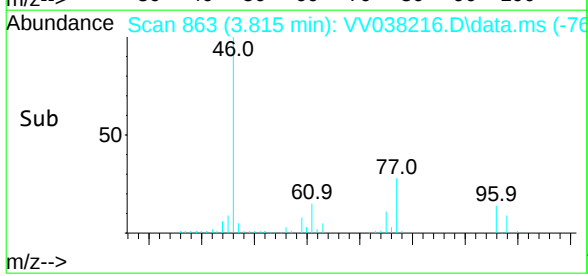
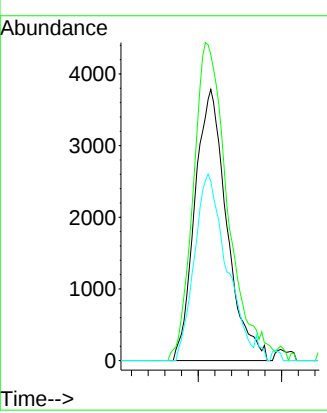
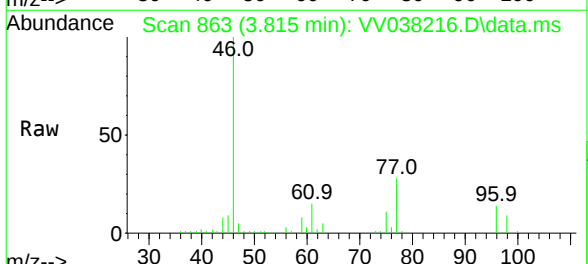
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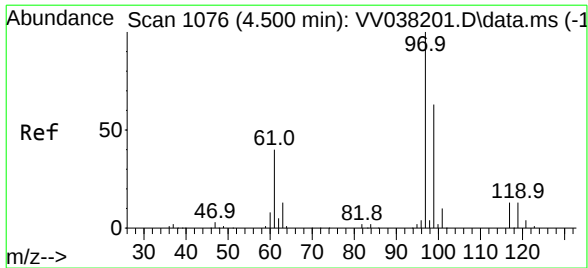
Tgt Ion: 84	Resp: 17499
Ion Ratio	Lower Upper
84 100	
86 66.6	44.2 82.2
49 107.8	74.9 139.1



#22
cis-1,2-Dichloroethene
Concen: 0.563 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV038216.D
Acq: 20 Nov 2024 15:33

Tgt Ion: 96	Resp: 10042
Ion Ratio	Lower Upper
96 100	
61 112.8	82.7 153.5
98 66.2	46.3 85.9

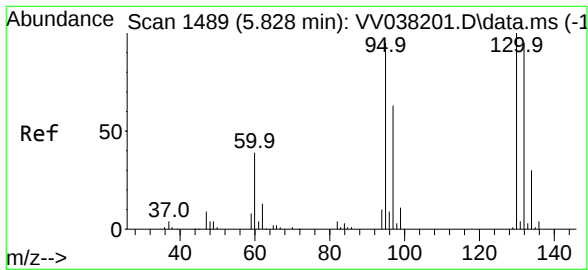
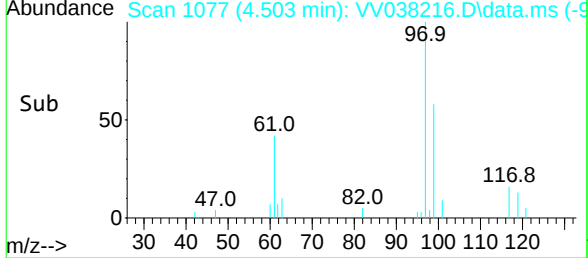
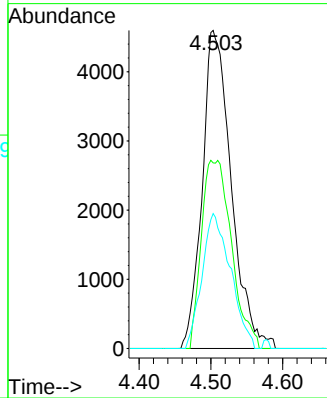
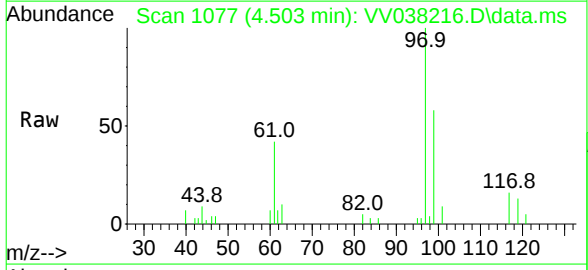




#29
1,1,1-Trichloroethane
Concen: 0.424 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038216.D
Acq: 20 Nov 2024 15:33

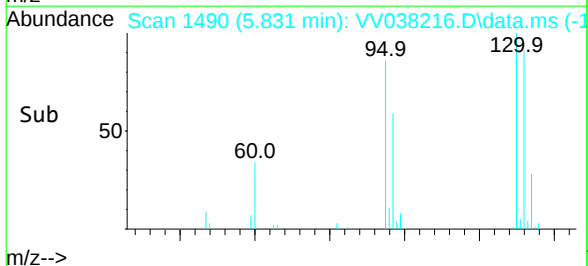
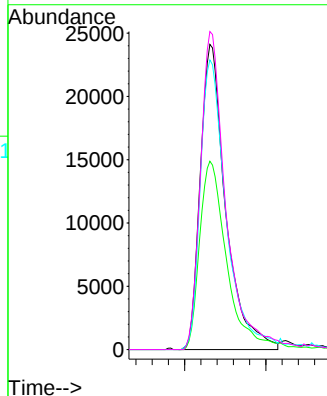
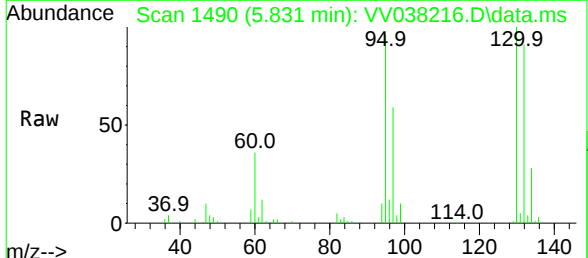
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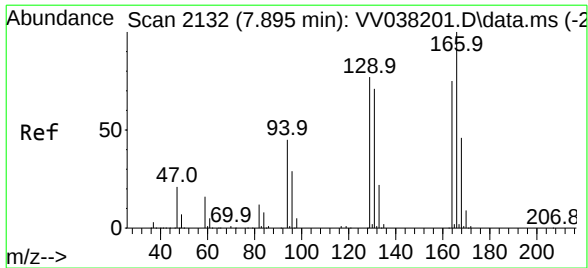
Tgt Ion:	97	Resp:	12919
Ion	Ratio	Lower	Upper
97	100		
99	61.3	51.8	77.8
61	41.7	32.2	48.2



#34
Trichloroethene
Concen: 2.693 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV038216.D
Acq: 20 Nov 2024 15:33

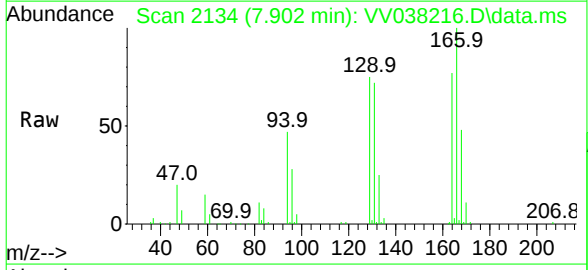
Tgt Ion:	95	Resp:	52371
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.8	83.2
132	94.9	68.3	126.8
130	104.2	70.2	130.4





#47
Tetrachloroethene
Concen: 2.574 ug/L
RT: 7.902 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038216.D
Acq: 20 Nov 2024 15:33

Instrument :
MSVOA_V
ClientSampleId :
BG3J9



Tgt Ion:	164	Resp:	40225
Ion	Ratio	Lower	Upper
164	100		
129	96.4	68.5	127.1
131	93.6	64.8	120.4
166	129.3	88.3	163.9

