

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038068.D
 Acq On : 14 Nov 2024 00:47
 Operator : SY/MD
 Sample : P4804-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46R9

Quant Time: Nov 14 03:39:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

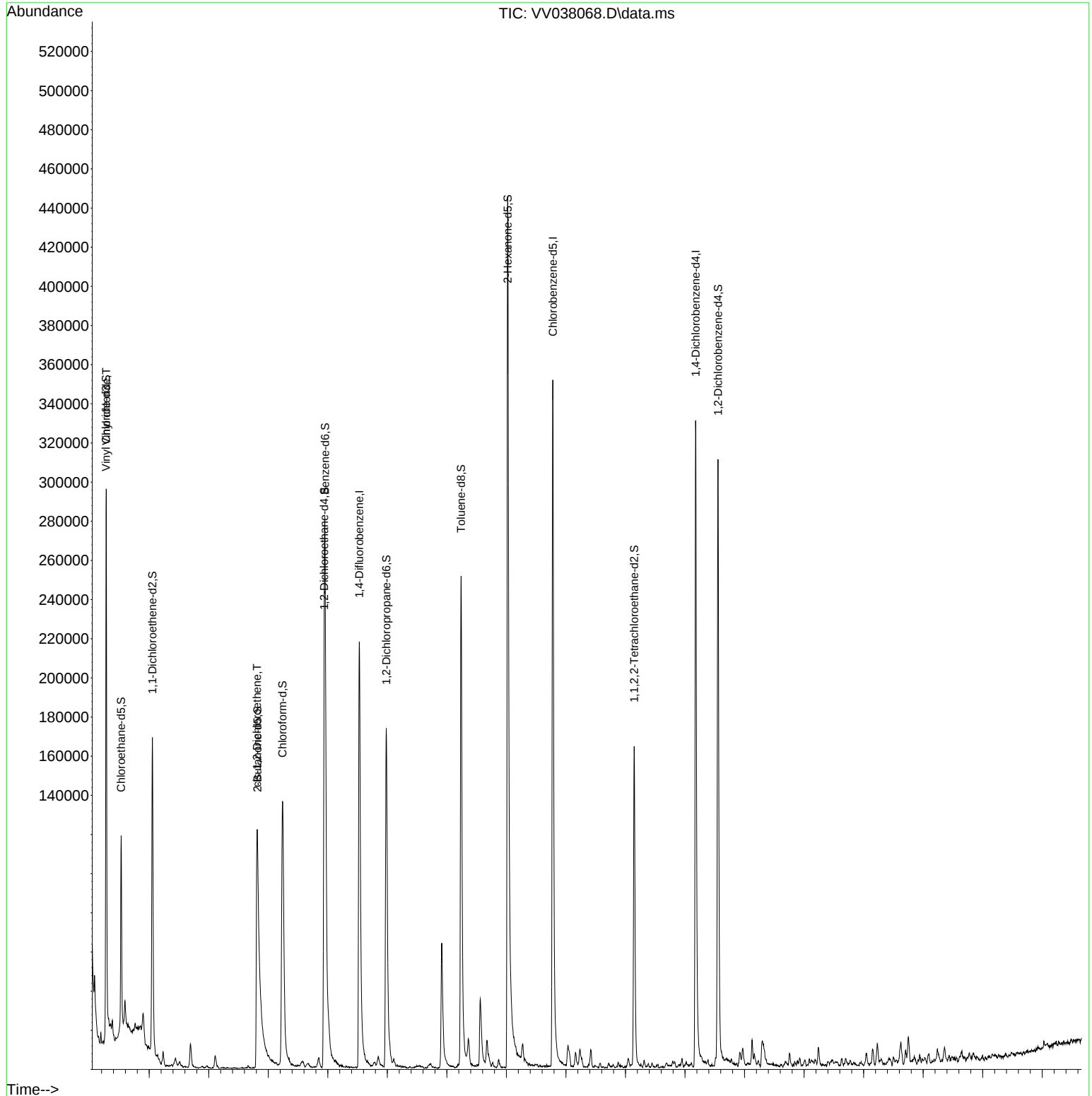
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	211582	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	220919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	96624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61353	3.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.529	69	63336	4.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.053	65	26935	3.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.818	46	186751	44.127	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.260%
24) Chloroform-d	4.240	84	157074	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.937	65	79684	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	4.953	84	259520	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.982	67	94141	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.240	98	187553	3.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.000%#
43) trans-1,3-Dichloroprop...	7.558	79	27495	3.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.021	63	184207	47.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85263	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	84443	4.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
5) Vinyl chloride	1.278	62	110427	5.140	ug/L	99
14) Carbon disulfide	2.233	76	7530	0.143	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	4285	0.246	ug/L	95
19) 1,1-Dichloroethane	3.111	63	6611	0.211	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	27474	1.502	ug/L	95
33) Benzene	5.015	78	17929	0.255	ug/L	100
34) Trichloroethene	5.847	95	2132	0.111	ug/L #	81

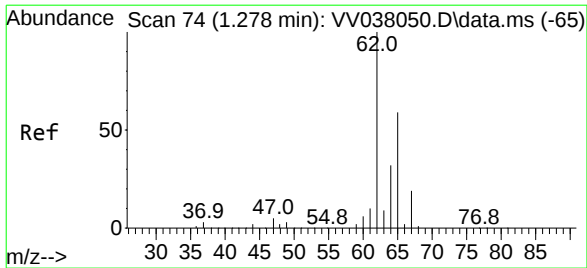
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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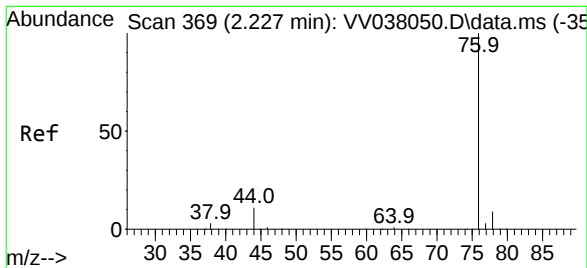
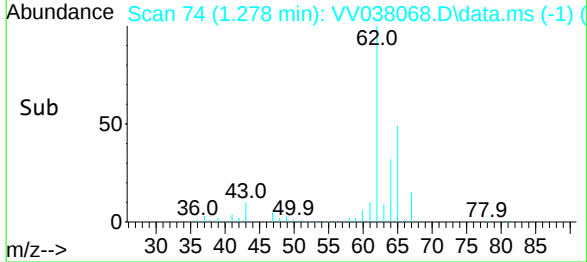
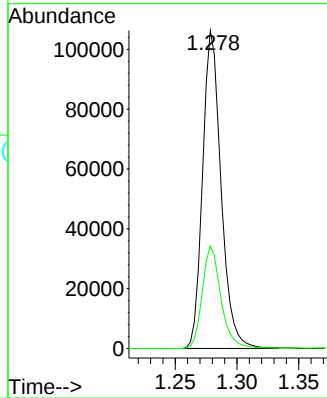
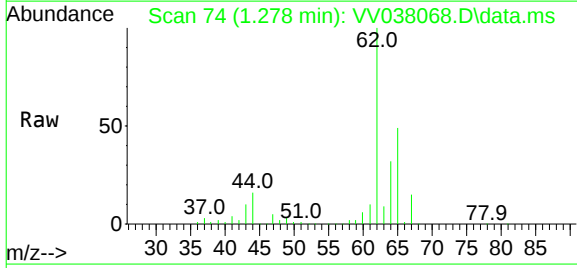




#5
 Vinyl chloride
 Concen: 5.140 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038068.D
 Acq: 14 Nov 2024 00:47

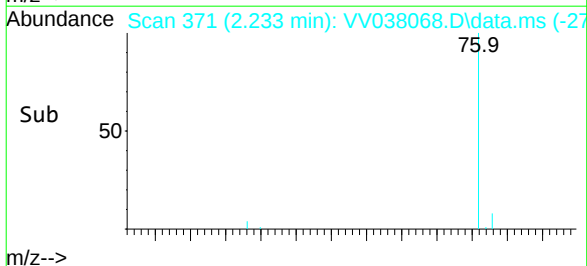
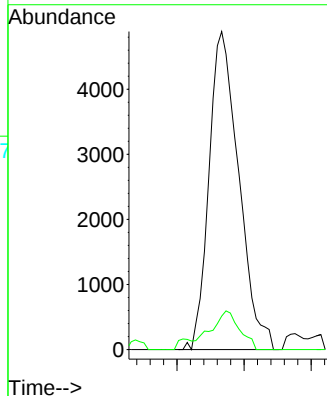
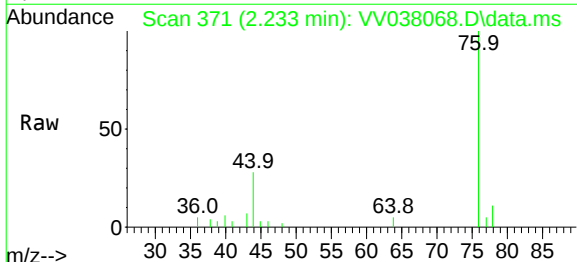
Instrument :
 MSVOA_V
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 H46R9

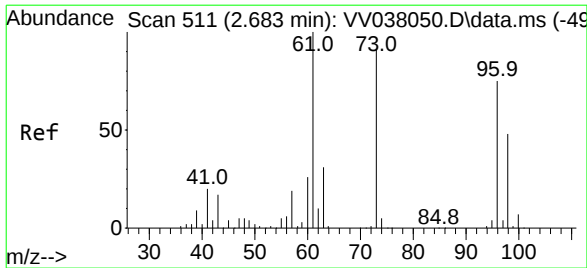
Tgt Ion: 62 Resp: 110427
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.0 42.6



#14
 Carbon disulfide
 Concen: 0.143 ug/L
 RT: 2.233 min Scan# 371
 Delta R.T. 0.003 min
 Lab File: VV038068.D
 Acq: 14 Nov 2024 00:47

Tgt Ion: 76 Resp: 7530
 Ion Ratio Lower Upper
 76 100
 78 10.5 7.4 11.0

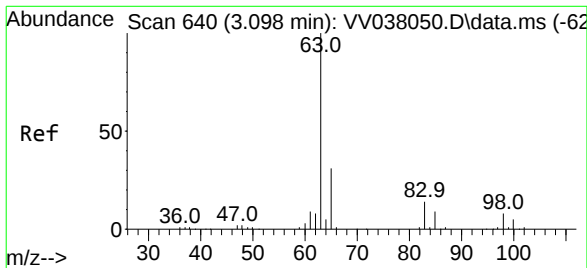
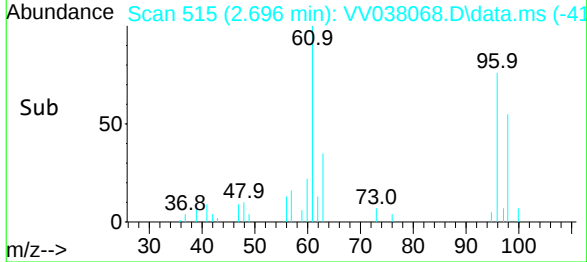
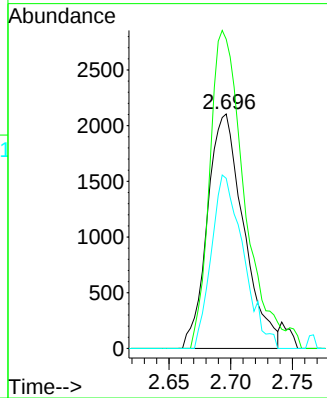
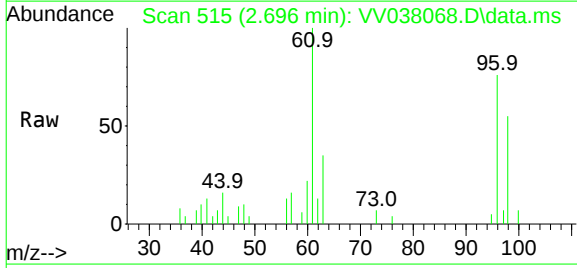




#18
trans-1,2-Dichloroethene
Concen: 0.246 ug/L
RT: 2.696 min Scan# 511
Delta R.T. 0.010 min
Lab File: VV038068.D
Acq: 14 Nov 2024 00:47

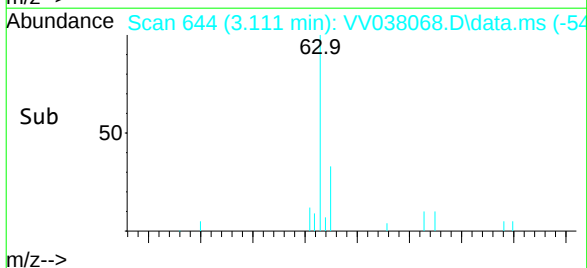
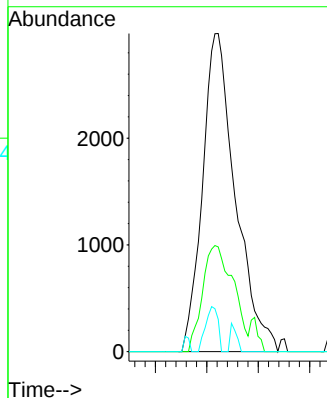
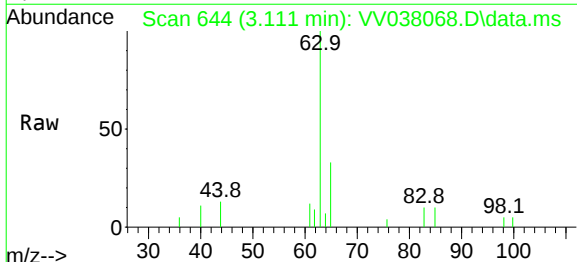
Instrument :
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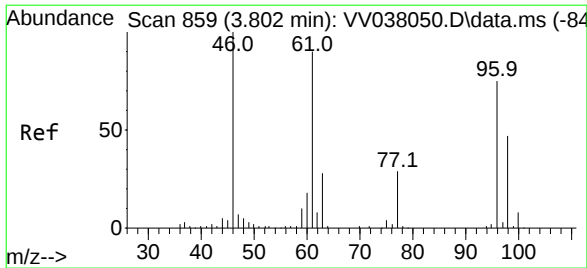
Tgt Ion: 96 Resp: 4285
Ion Ratio Lower Upper
96 100
61 131.9 90.2 167.6
98 72.5 45.7 84.9



#19
1,1-Dichloroethane
Concen: 0.211 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV038068.D
Acq: 14 Nov 2024 00:47

Tgt Ion: 63 Resp: 6611
Ion Ratio Lower Upper
63 100
65 32.9 22.0 40.8
83 10.2 9.2 17.2

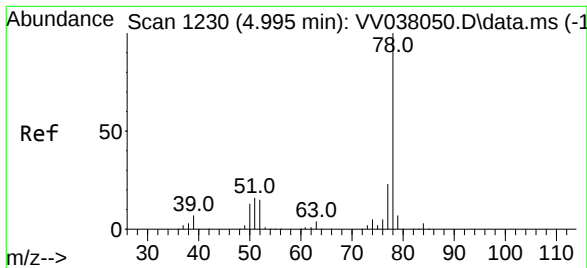
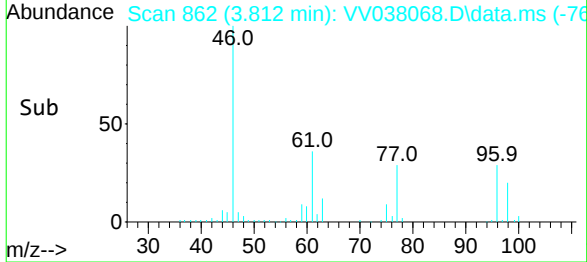
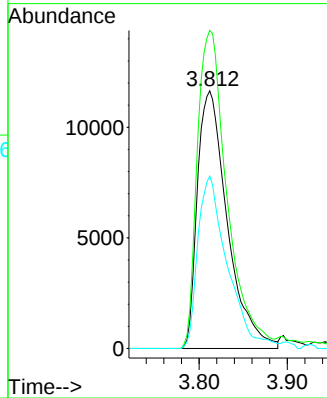
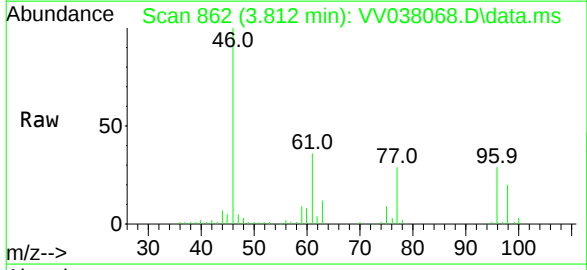




#22
 cis-1,2-Dichloroethene
 Concen: 1.502 ug/L
 RT: 3.812 min Scan# 861
 Delta R.T. 0.010 min
 Lab File: VV038068.D
 Acq: 14 Nov 2024 00:47

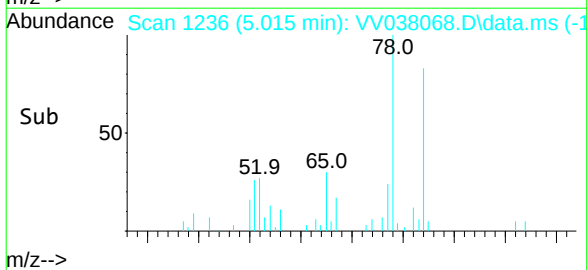
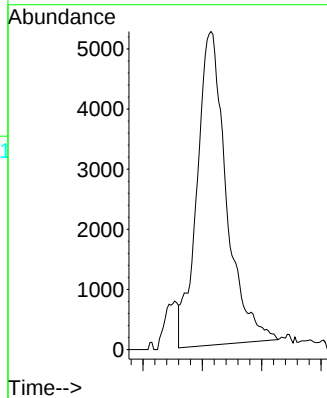
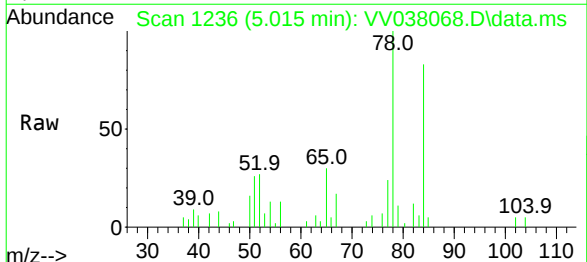
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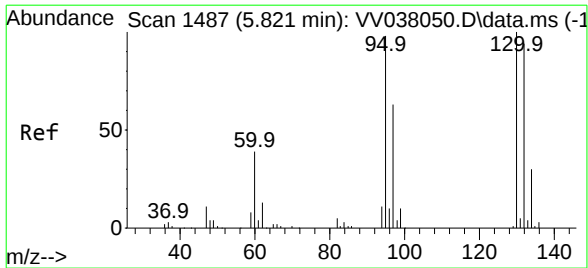
Tgt Ion: 96 Resp: 27474
 Ion Ratio Lower Upper
 96 100
 61 123.4 84.1 156.3
 98 66.9 42.6 79.0



#33
 Benzene
 Concen: 0.255 ug/L
 RT: 5.015 min Scan# 1236
 Delta R.T. 0.016 min
 Lab File: VV038068.D
 Acq: 14 Nov 2024 00:47

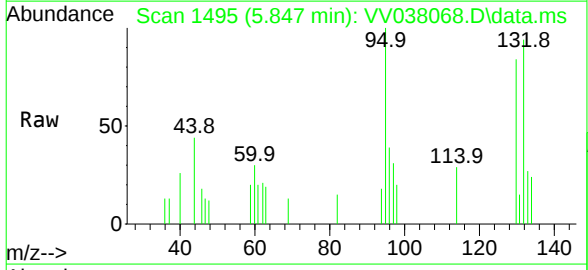
Tgt Ion: 78 Resp: 17929





#34
 Trichloroethene
 Concen: 0.111 ug/L
 RT: 5.847 min Scan# 14
 Delta R.T. 0.023 min
 Lab File: VV038068.D
 Acq: 14 Nov 2024 00:47

Instrument :
 MSVOA_V
 ClientSampleId :
 H46R9



Tgt Ion:	95	Resp:	2132
Ion	Ratio	Lower	Upper
95	100		
97	30.9	44.5	82.7#
132	93.7	67.9	126.1
130	84.0	72.8	135.2

