

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038067.D
 Acq On : 14 Nov 2024 00:23
 Operator : SY/MD
 Sample : P4804-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46W4

Quant Time: Nov 14 01:02:46 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)

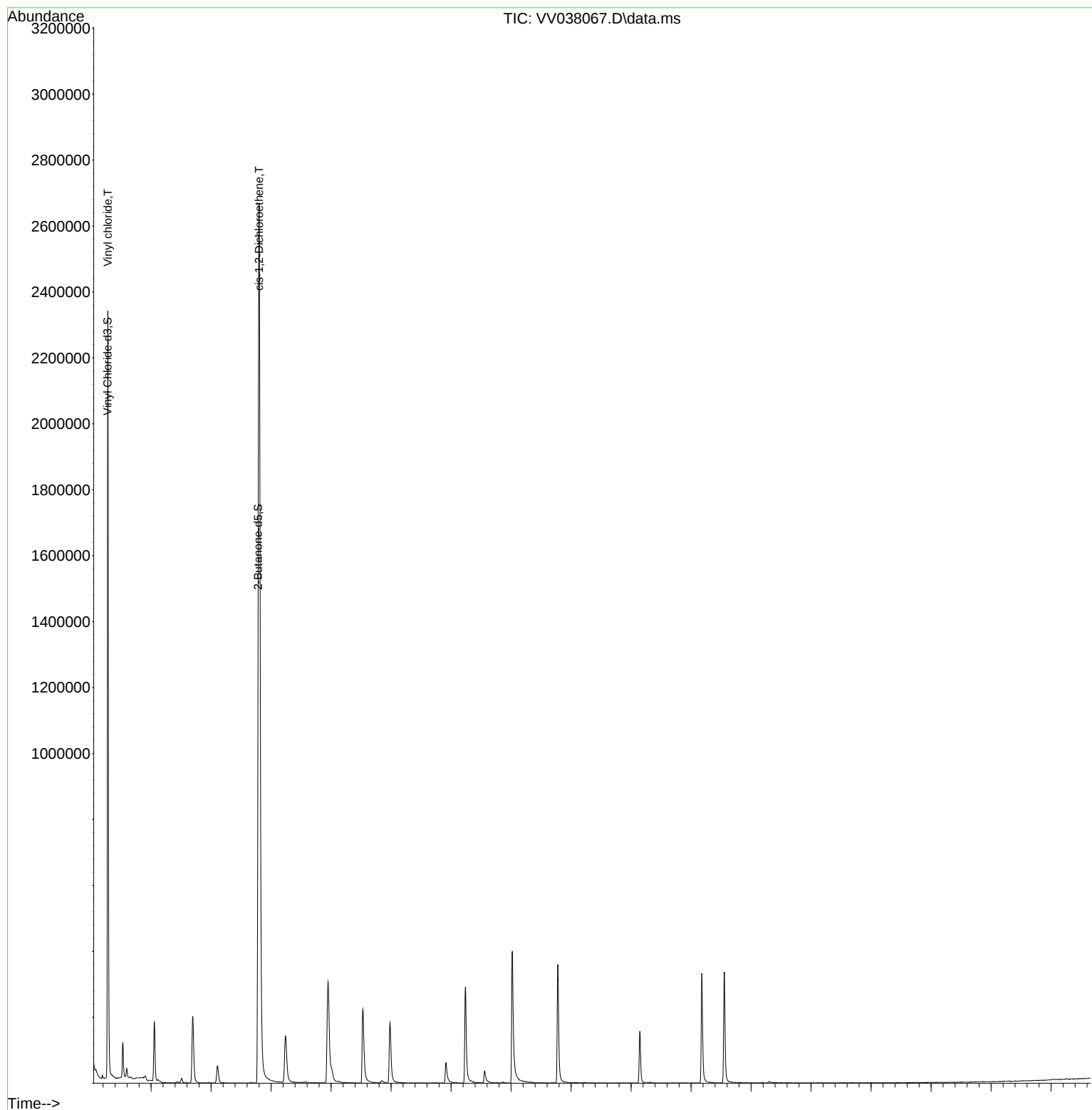
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	220273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	220841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	96186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	79671	4.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.529	69	68558	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.053	65	29915	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.783	46	179888	40.828	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.660%
24) Chloroform-d	4.239	84	166474	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.937	65	78716	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.953	84	289031	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	5.982	67	94062	4.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.239	98	218341	3.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.558	79	26074	3.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.200%
46) 2-Hexanone-d5	8.017	63	162196	41.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80514	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	94137	4.707	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
5) Vinyl chloride	1.278	62	1419324	63.462	ug/L	99
17) Methyl tert-butyl Ether	2.696	73	129997	3.186	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	30763	1.698	ug/L	99
19) 1,1-Dichloroethane	3.108	63	55796	1.714	ug/L	95
22) cis-1,2-Dichloroethene	3.799	96	1524528	80.057	ug/L	98
33) Benzene	5.008	78	41051	0.584	ug/L	100
34) Trichloroethene	5.844	95	2324	0.121	ug/L	94

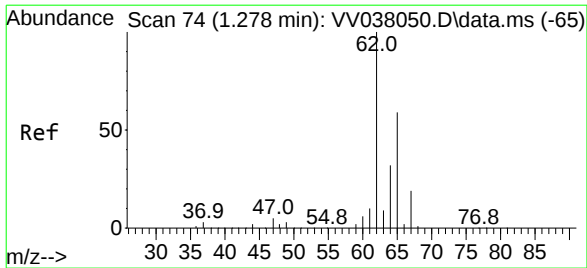
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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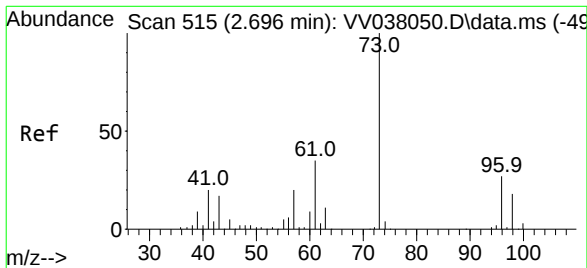
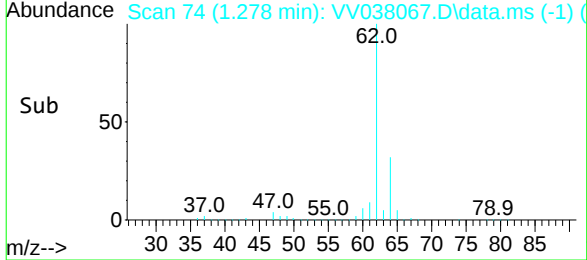
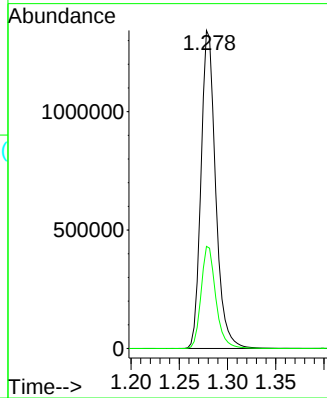
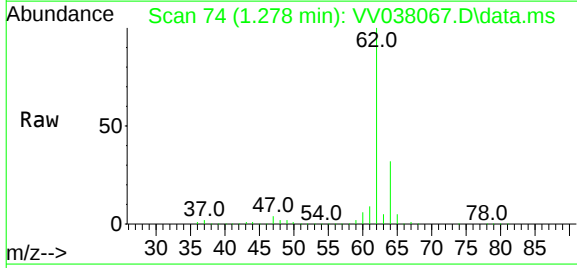




#5
 Vinyl chloride
 Concen: 63.462 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038067.D
 Acq: 14 Nov 2024 00:23

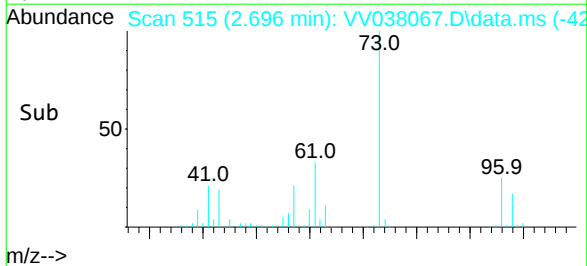
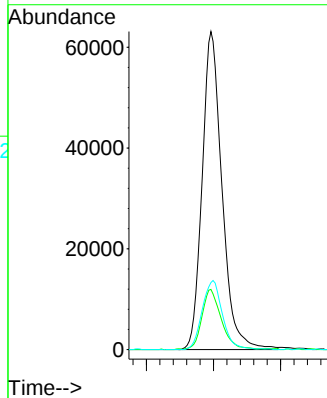
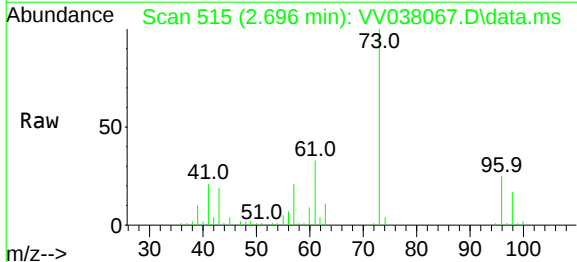
Instrument :
 MSVOA_V
 ClientSampleId :
 H46W4

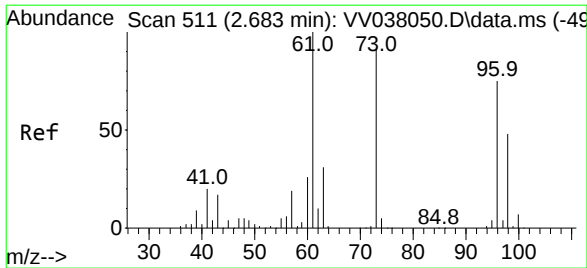
Tgt Ion: 62 Resp: 1419324
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.0 42.6



#17
 Methyl tert-butyl Ether
 Concen: 3.186 ug/L
 RT: 2.696 min Scan# 515
 Delta R.T. -0.000 min
 Lab File: VV038067.D
 Acq: 14 Nov 2024 00:23

Tgt Ion: 73 Resp: 129997
 Ion Ratio Lower Upper
 73 100
 43 18.5 14.1 21.1
 57 22.0 17.2 25.8

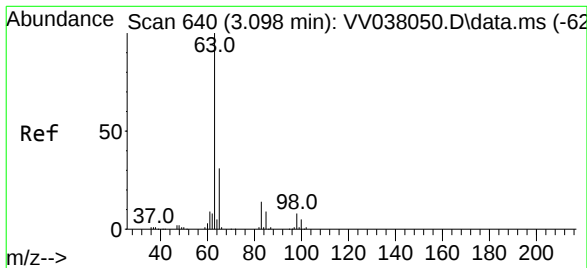
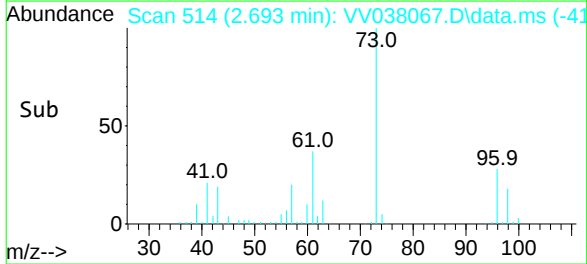
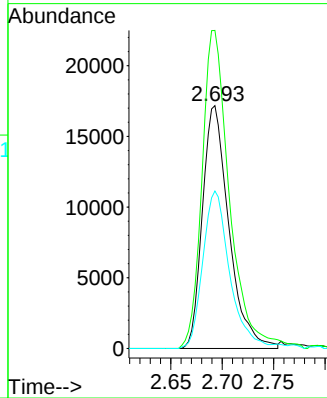
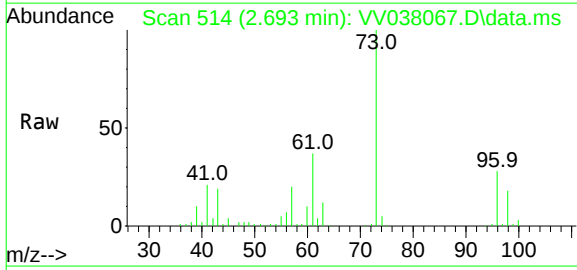




#18
trans-1,2-Dichloroethene
Concen: 1.698 ug/L
RT: 2.693 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV038067.D
Acq: 14 Nov 2024 00:23

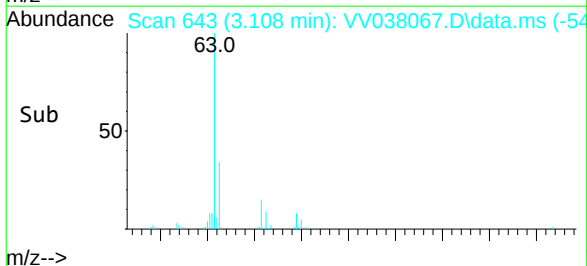
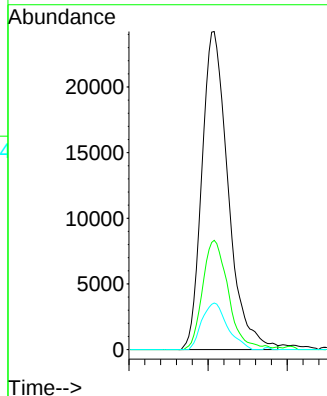
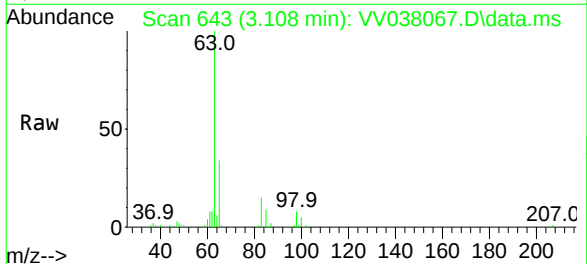
Instrument :
MSVOA_V
ClientSampleId :
H46W4

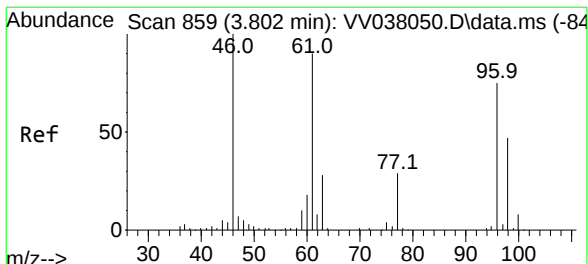
Tgt Ion: 96 Resp: 30763
Ion Ratio Lower Upper
96 100
61 131.0 90.2 167.6
98 64.8 45.7 84.9



#19
1,1-Dichloroethane
Concen: 1.714 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038067.D
Acq: 14 Nov 2024 00:23

Tgt Ion: 63 Resp: 55796
Ion Ratio Lower Upper
63 100
65 34.4 22.0 40.8
83 14.6 9.2 17.2



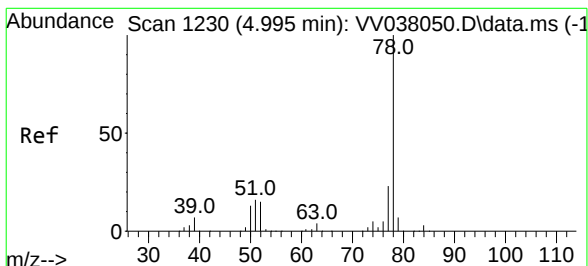
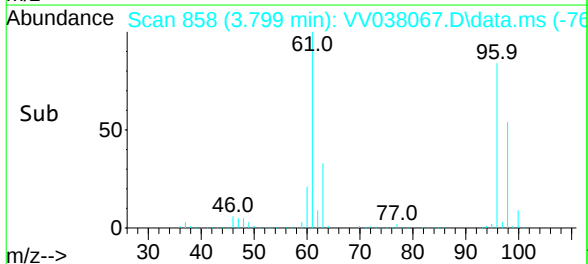
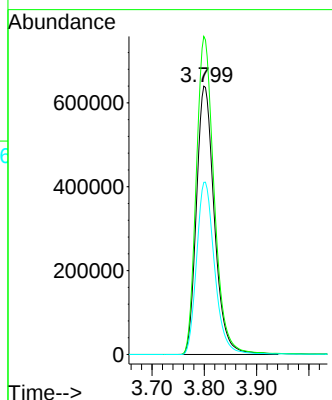
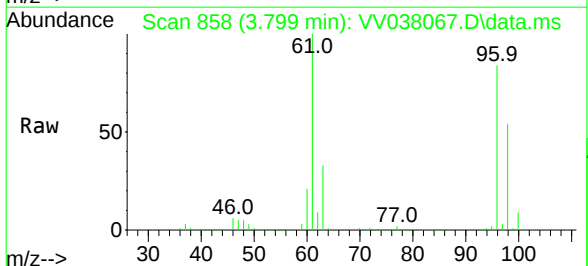


#22
 cis-1,2-Dichloroethene
 Concen: 80.057 ug/L
 RT: 3.799 min Scan# 85
 Delta R.T. -0.003 min
 Lab File: VV038067.D
 Acq: 14 Nov 2024 00:23

Instrument :
 MSVOA_V
 ClientSampleId :
 H46W4

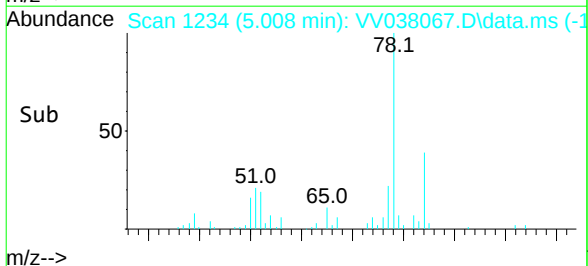
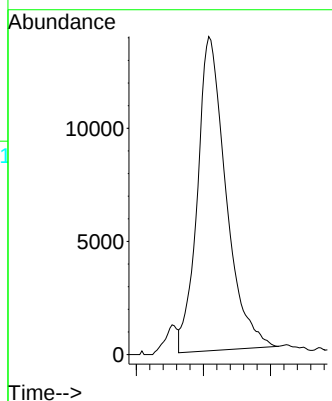
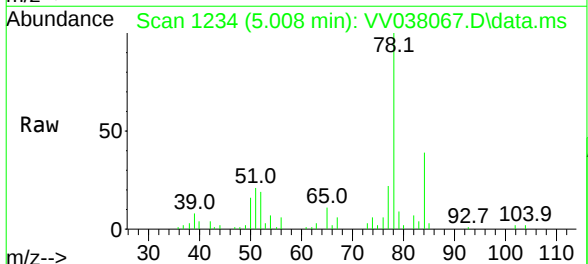
Tgt Ion: 96 Resp: 1524528

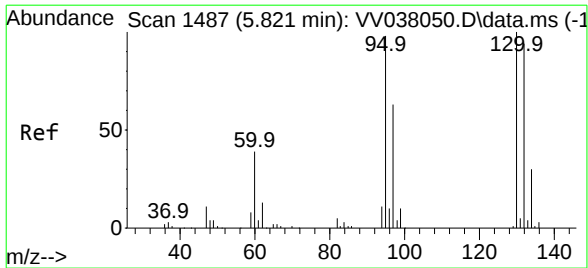
Ion	Ratio	Lower	Upper
96	100		
61	118.5	84.1	156.3
98	64.2	42.6	79.0



#33
 Benzene
 Concen: 0.584 ug/L
 RT: 5.008 min Scan# 1234
 Delta R.T. 0.010 min
 Lab File: VV038067.D
 Acq: 14 Nov 2024 00:23

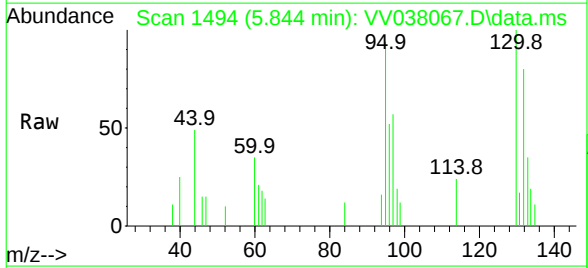
Tgt Ion: 78 Resp: 41051





#34
 Trichloroethene
 Concen: 0.121 ug/L
 RT: 5.844 min Scan# 14
 Delta R.T. 0.019 min
 Lab File: VV038067.D
 Acq: 14 Nov 2024 00:23

Instrument :
 MSVOA_V
 ClientSampleId :
 H46W4



Tgt Ion:	95	Resp:	2324
Ion	Ratio	Lower	Upper
95	100		
97	60.3	44.5	82.7
132	85.6	67.9	126.1
130	106.4	72.8	135.2

