

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029042.D
 Acq On : 17 Nov 2022 01:49
 Operator : SY/MD
 Sample : N5604-17DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C1DL

Quant Time: Nov 17 05:36:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

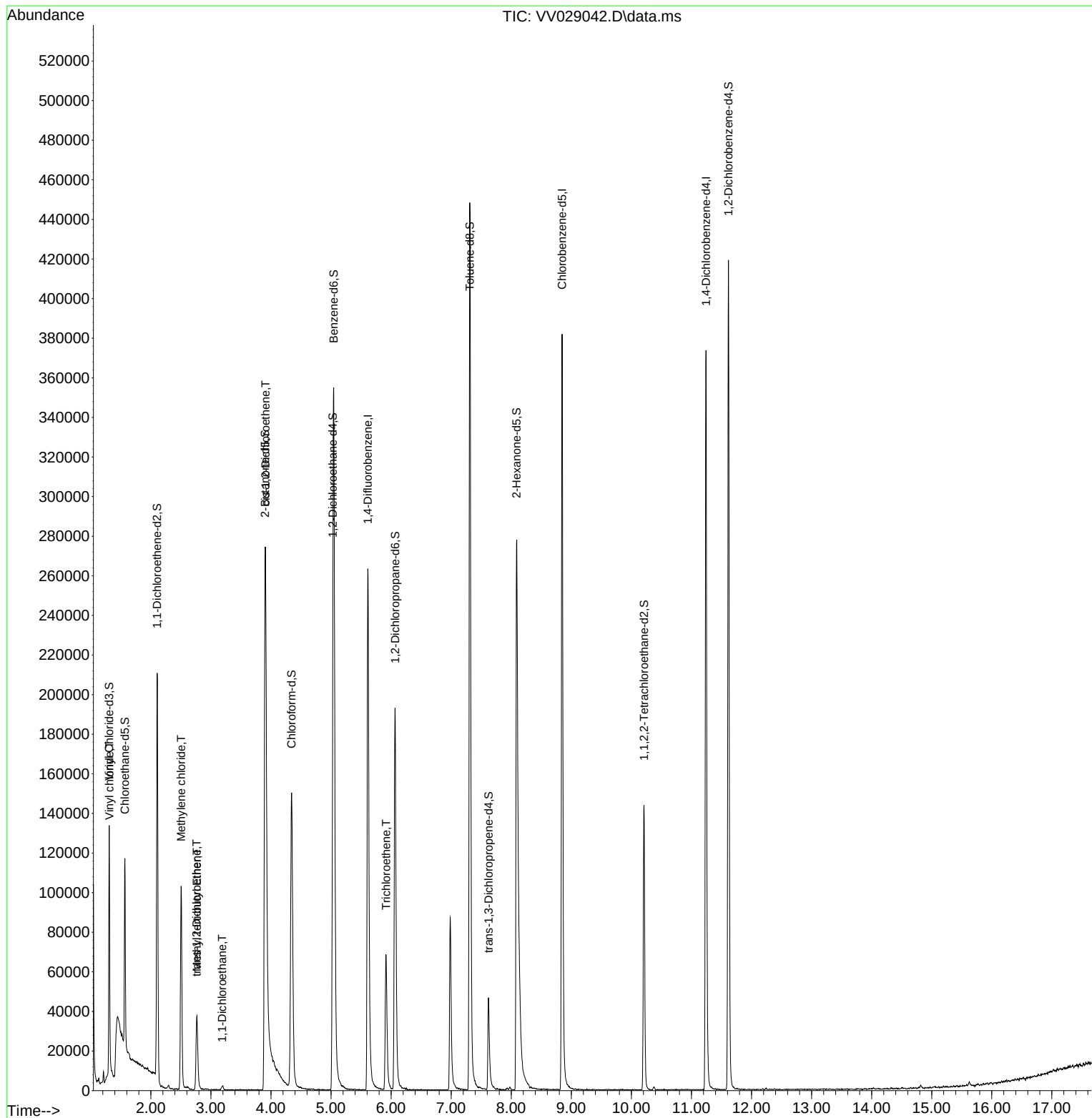
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	252554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	235398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	109951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76343	4.958	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.200%	
7) Chloroethane-d5	1.568	69	61882	4.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.105	63	99275	3.538	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	3.902	46	125542	48.709	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.420%	
24) Chloroform-d	4.342	84	165445	5.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.031	65	75480	5.307	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.043	84	354846	5.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.066	67	101031	5.149	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.310	98	322312	5.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	7.622	79	32698	5.110	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.200%	
46) 2-Hexanone-d5	8.088	63	134179	49.124	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.240%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72919	5.361	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	119545	6.077	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.600%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	9927	0.498	ug/L #	17
16) Methylene chloride	2.503	84	48228	2.440	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	31182	0.951	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	4506	0.254	ug/L	89
19) 1,1-Dichloroethane	3.188	63	2352	0.081	ug/L #	83
22) cis-1,2-Dichloroethene	3.908	96	139922	7.762	ug/L	92
34) Trichloroethene	5.915	95	25405	1.380	ug/L	90

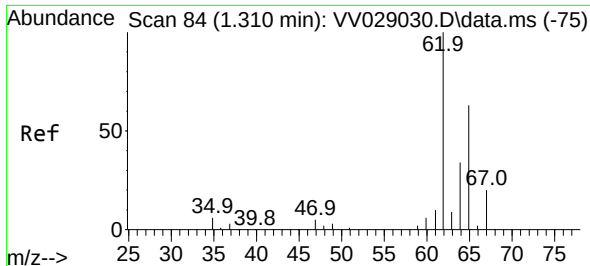
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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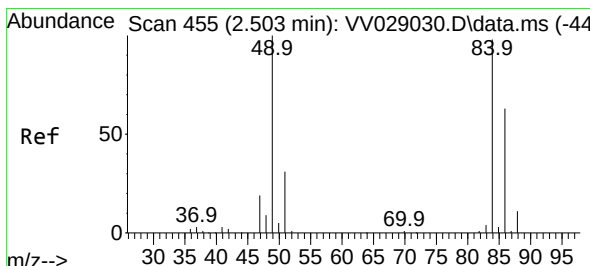
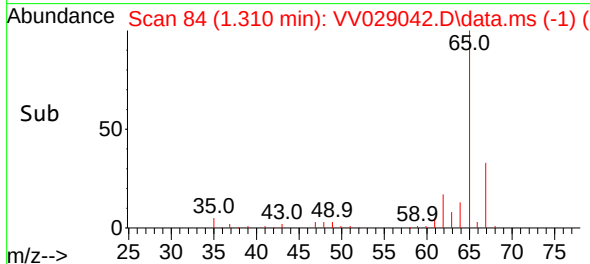
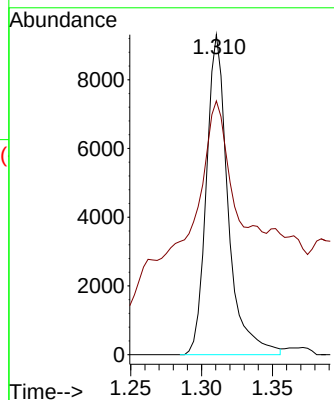
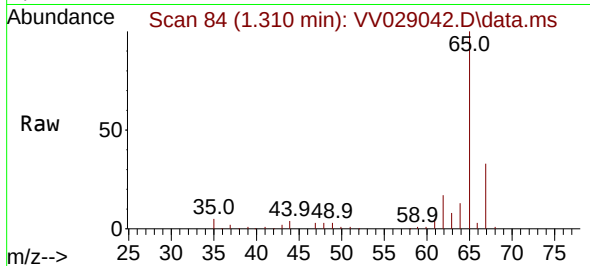




#5
 Vinyl chloride
 Concen: 0.498 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029042.D
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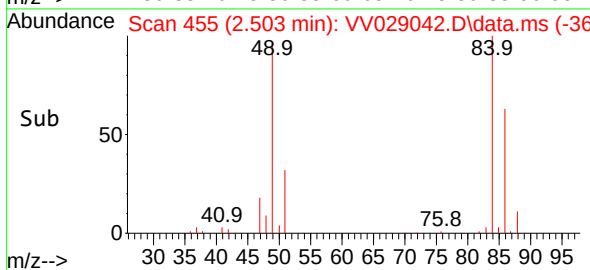
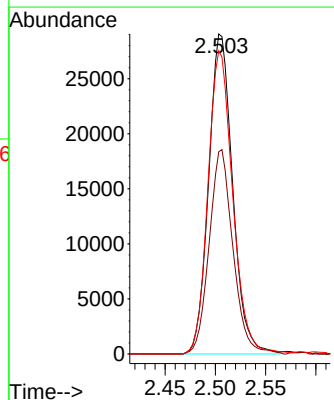
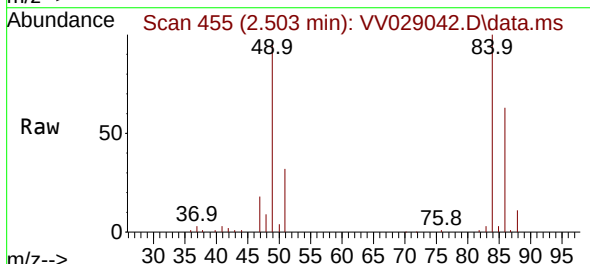
Instrument :
 MSVOA_V
 ClientSampleId :
 H46C1DL

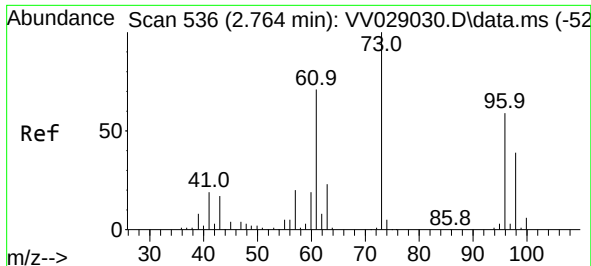
Tgt Ion: 62 Resp: 9927
 Ion Ratio Lower Upper
 62 100
 64 79.3 22.8 42.4#



#16
 Methylene chloride
 Concen: 2.440 ug/L
 RT: 2.503 min Scan# 455
 Delta R.T. 0.000 min
 Lab File: VV029042.D
 Acq: 17 Nov 2022 01:49

Tgt Ion: 84 Resp: 48228
 Ion Ratio Lower Upper
 84 100
 86 63.2 45.8 85.0
 49 94.8 75.5 140.1

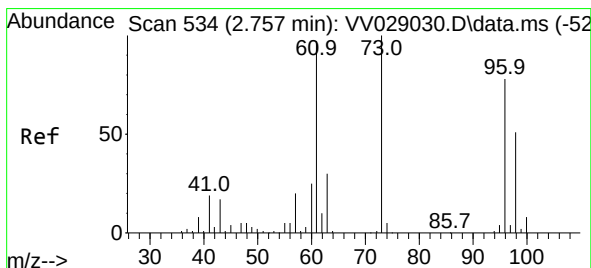
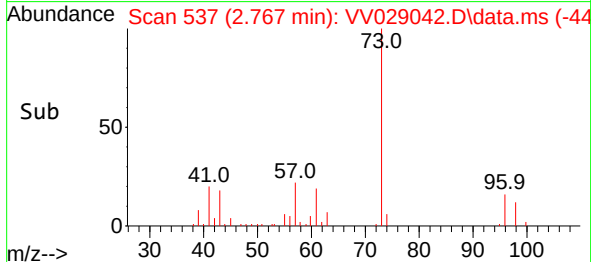
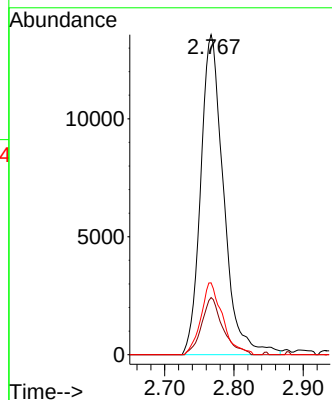
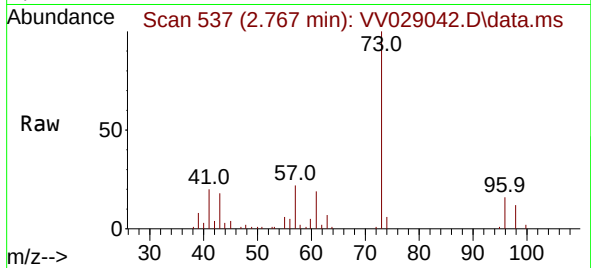




#17
Methyl tert-butyl Ether
Concen: 0.951 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

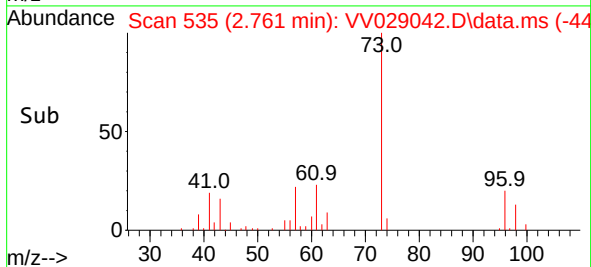
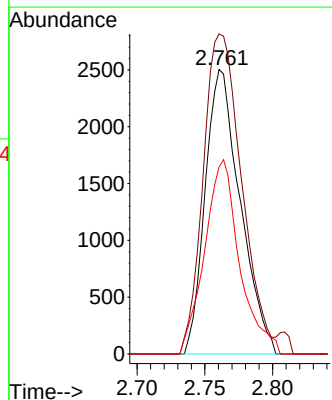
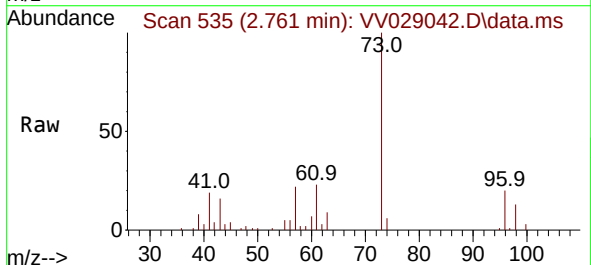
Instrument :
MSVOA_V
ClientSampleId :
H46C1DL

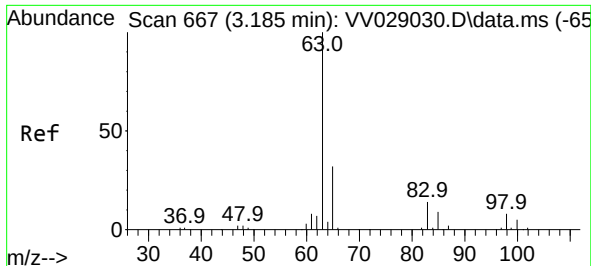
Tgt Ion: 73 Resp: 31182
Ion Ratio Lower Upper
73 100
43 16.5 13.0 19.4
57 21.2 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.254 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Tgt Ion: 96 Resp: 4506
Ion Ratio Lower Upper
96 100
61 112.5 91.8 170.6
98 65.8 46.4 86.2

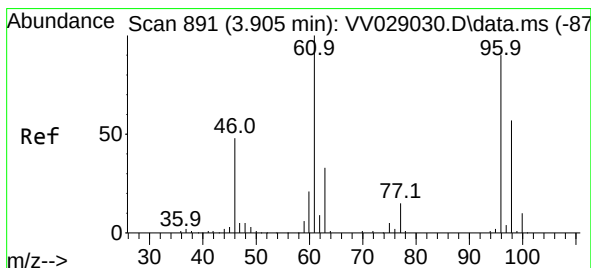
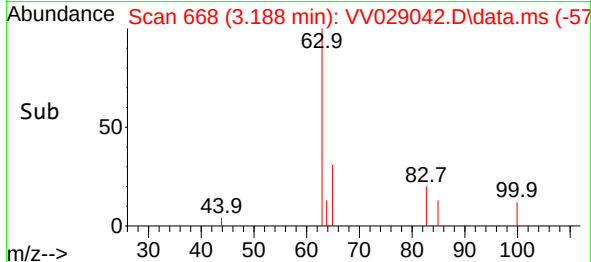
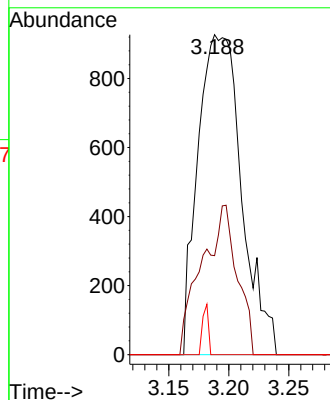
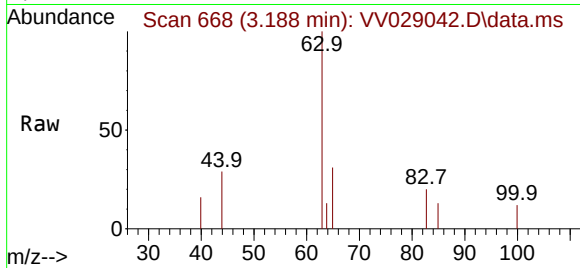




#19
1,1-Dichloroethane
Concen: 0.081 ug/L
RT: 3.188 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

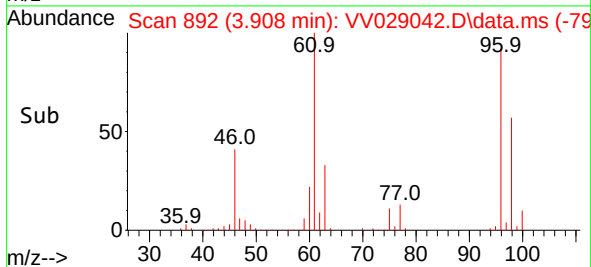
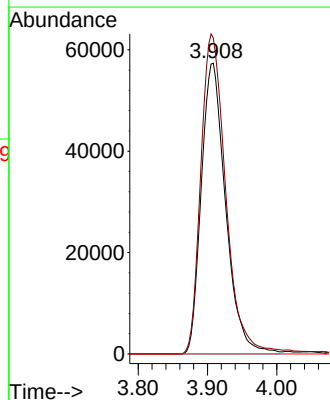
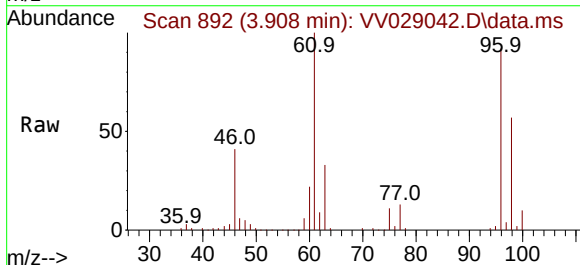
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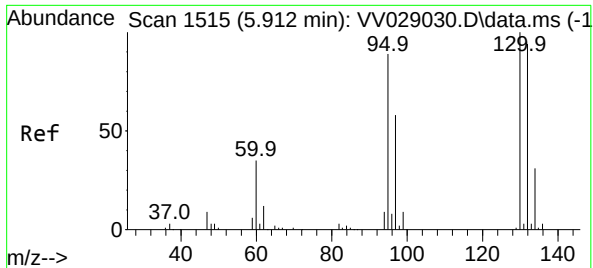
Tgt Ion: 63 Resp: 2352
Ion Ratio Lower Upper
63 100
65 27.4 23.0 42.6
83 0.0 9.4 17.6#



#22
cis-1,2-Dichloroethene
Concen: 7.762 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV029042.D
Acq: 17 Nov 2022 01:49

Tgt Ion: 96 Resp: 139922
Ion Ratio Lower Upper
96 100
61 108.6 82.3 152.9
68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 1.380 ug/L
 RT: 5.915 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV029042.D
 Acq: 17 Nov 2022 01:49

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 95 Resp: 25405

Ion	Ratio	Lower	Upper
95	100		
97	67.5	45.6	84.8
132	111.4	69.1	128.3
130	118.0	74.9	139.1

