

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029091.D
 Acq On : 18 Nov 2022 02:36
 Operator : SY/MD
 Sample : N5648-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7

Quant Time: Nov 18 06:02:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

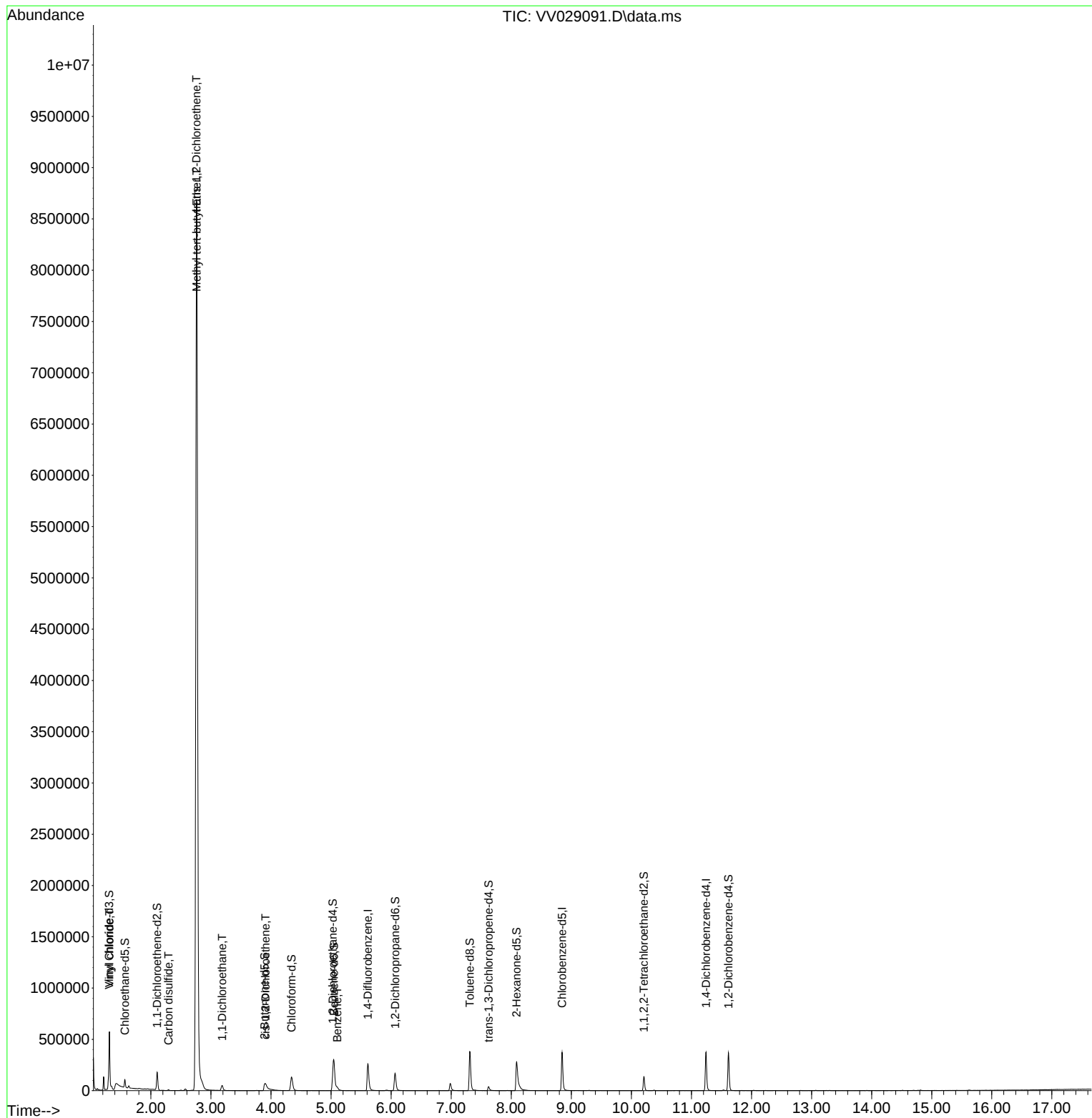
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	256658	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	235590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	109265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60352	3.857	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.568	69	50806	3.693	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.800%	
11) 1,1-Dichloroethene-d2	2.105	63	82843	2.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.200%#	
20) 2-Butanone-d5	3.892	46	154963	59.163	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.320%	
24) Chloroform-d	4.343	84	146889	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.031	65	69110	4.781	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.047	84	305687	4.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.066	67	89099	4.537	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.310	98	277801	4.389	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.622	79	26698	4.169	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.088	63	124931	45.701	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.400%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67496	4.958	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.616	152	106991	5.473	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	265251	13.096	ug/L	95
14) Carbon disulfide	2.294	76	9701	0.176	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	9843459	295.505	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	21758	1.207	ug/L	96
19) 1,1-Dichloroethane	3.185	63	49848	1.692	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	12866	0.702	ug/L	97
33) Benzene	5.101	78	36662	0.509	ug/L	100

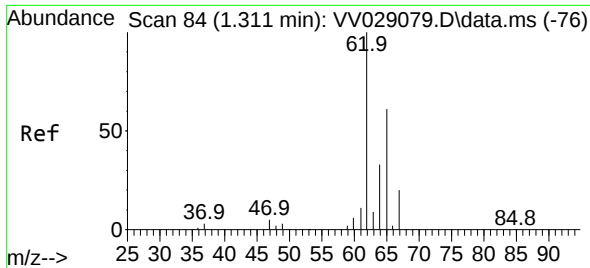
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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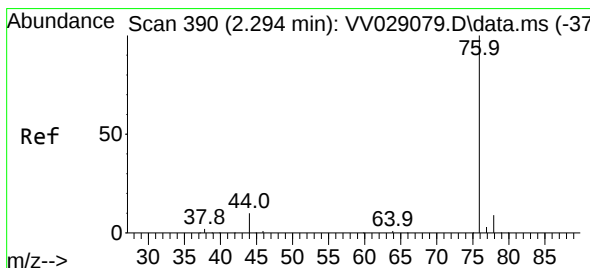
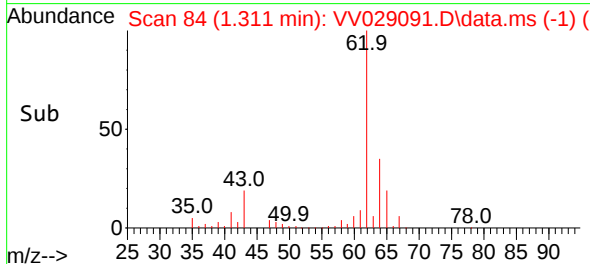
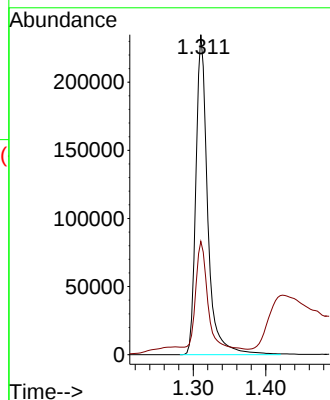
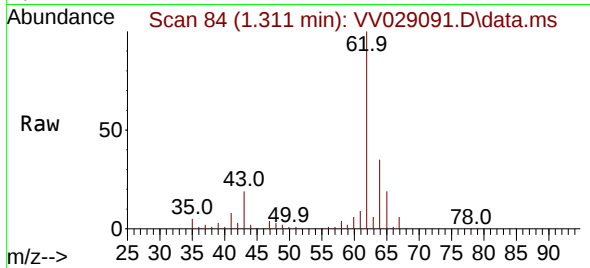




#5
 Vinyl chloride
 Concen: 13.096 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029091.D
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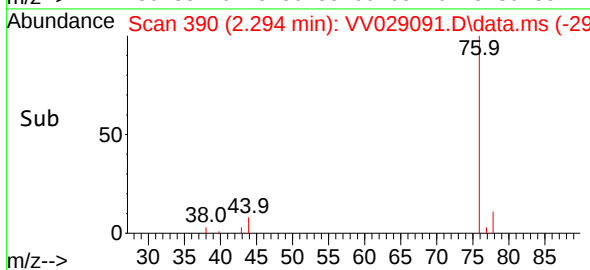
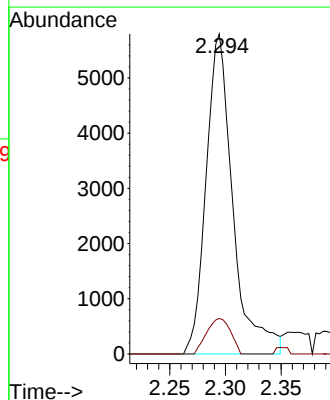
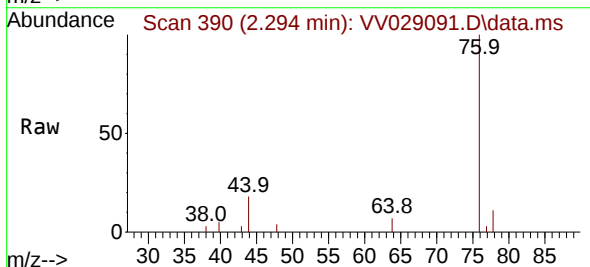
Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7

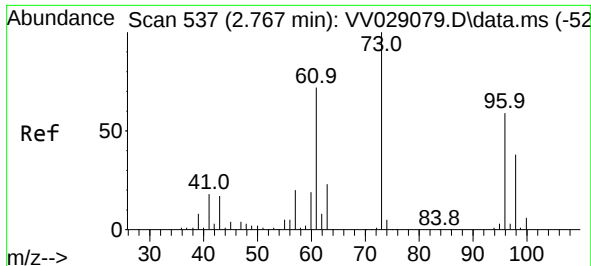
Tgt Ion: 62 Resp: 265251
 Ion Ratio Lower Upper
 62 100
 64 35.4 22.8 42.4



#14
 Carbon disulfide
 Concen: 0.176 ug/L
 RT: 2.294 min Scan# 390
 Delta R.T. 0.000 min
 Lab File: VV029091.D
 Acq: 18 Nov 2022 02:36

Tgt Ion: 76 Resp: 9701
 Ion Ratio Lower Upper
 76 100
 78 11.1 7.4 11.2

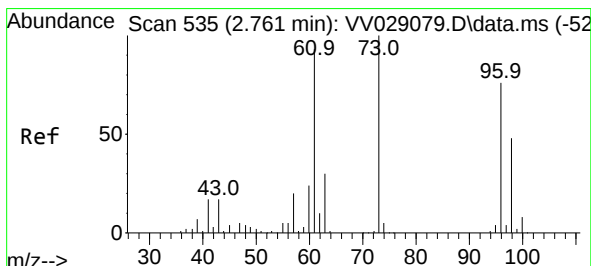
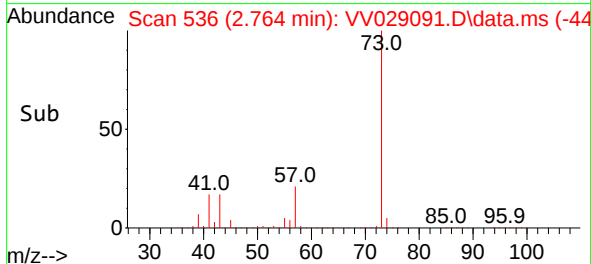
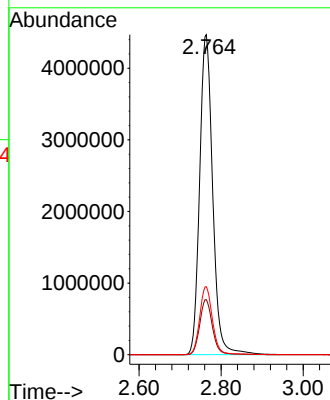
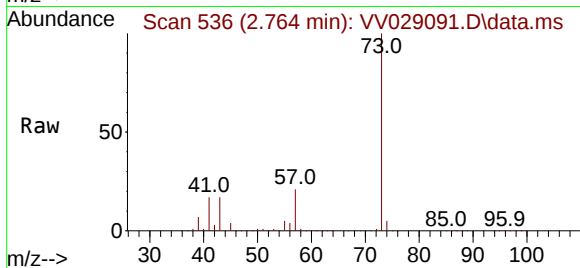




#17
Methyl tert-butyl Ether
Concen: 295.505 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

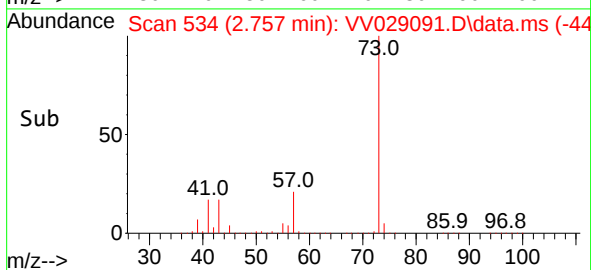
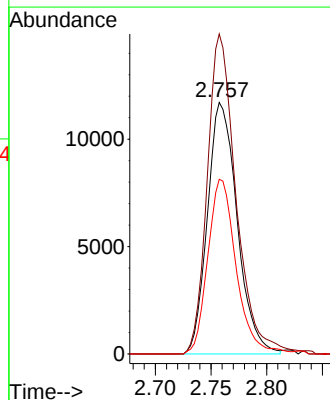
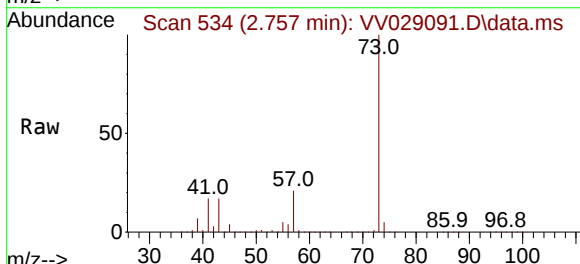
Instrument :
MSVOA_V
ClientSampleId :
H46E7

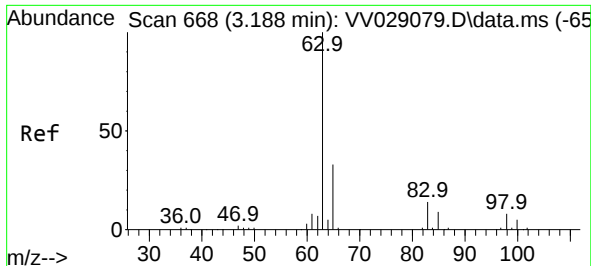
Tgt Ion: 73 Resp: 9843459
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 20.9 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 1.207 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

Tgt Ion: 96 Resp: 21758
Ion Ratio Lower Upper
96 100
61 127.2 91.8 170.6
98 69.4 46.4 86.2

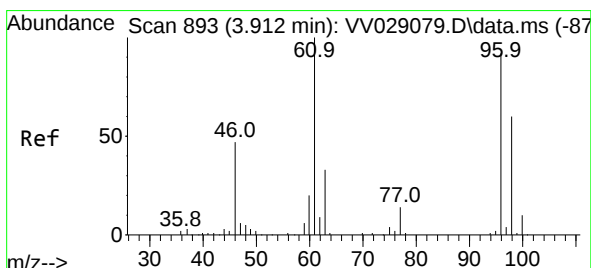
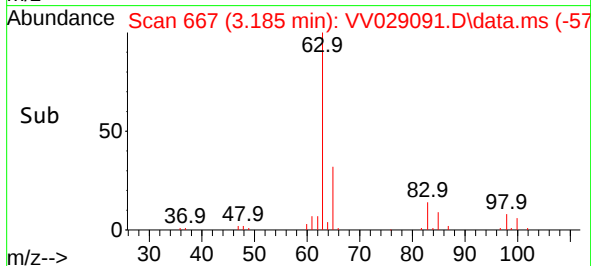
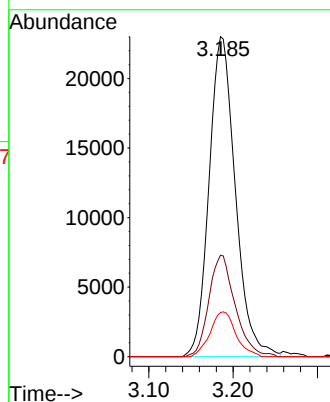
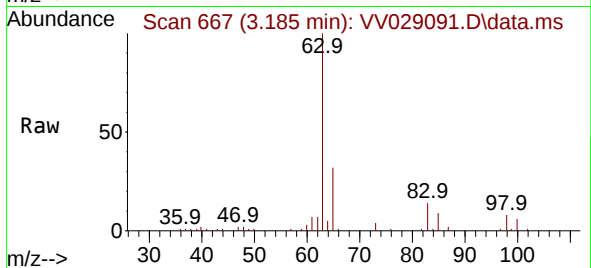




#19
1,1-Dichloroethane
Concen: 1.692 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

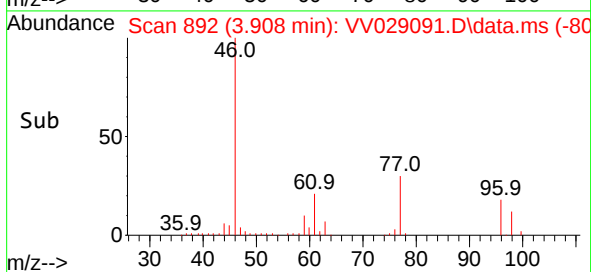
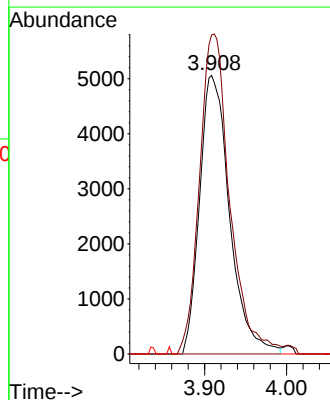
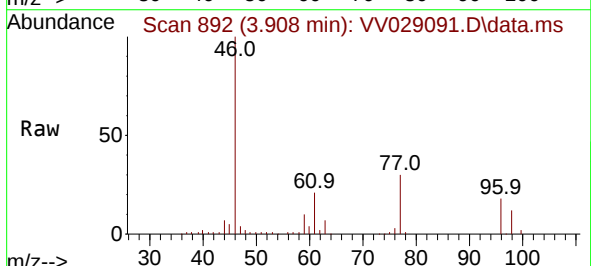
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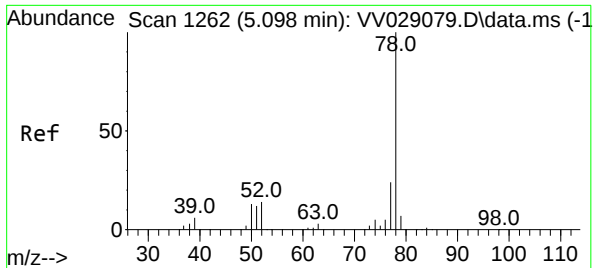
Tgt Ion:	63	Resp:	49848
Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.0	42.6
83	13.8	9.4	17.6



#22
cis-1,2-Dichloroethene
Concen: 0.702 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

Tgt Ion:	96	Resp:	12866
Ion	Ratio	Lower	Upper
96	100		
61	114.5	82.3	152.9
68	0.0	0.0	0.0





#33
Benzene
Concen: 0.509 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029091.D
Acq: 18 Nov 2022 02:36

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 78 Resp: 36662

