

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
 Data File : VV029090.D
 Acq On : 18 Nov 2022 02:11
 Operator : SY/MD
 Sample : N5648-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D8

Quant Time: Nov 18 06:02:45 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)

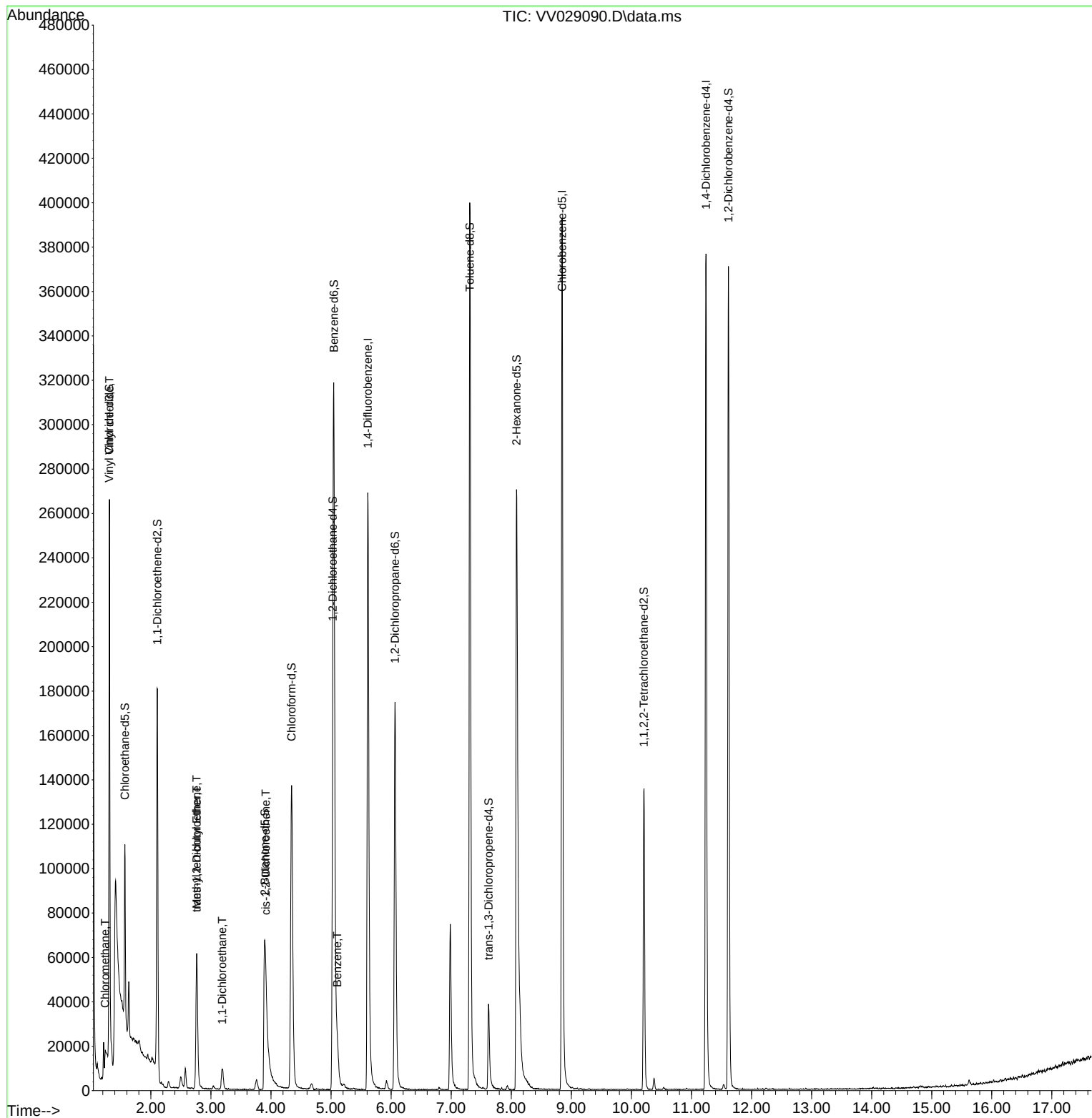
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	263412	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	242269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	111097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61145	3.808	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.568	69	51913	3.677	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.108	63	85109	2.908	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.200%#	
20) 2-Butanone-d5	3.896	46	143576	53.410	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.820%	
24) Chloroform-d	4.343	84	151607	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.027	65	70303	4.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.047	84	314852	4.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.063	67	92808	4.596	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.310	98	285526	4.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.622	79	26483	4.021	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.400%	
46) 2-Hexanone-d5	8.088	63	118675	42.216	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.440%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67536	4.824	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	107398	5.403	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	4175	0.229	ug/L	96
5) Vinyl chloride	1.311	62	114365	5.502	ug/L	91
17) Methyl tert-butyl Ether	2.764	73	47847	1.400	ug/L #	93
18) trans-1,2-Dichloroethene	2.761	96	7270	0.393	ug/L	91
19) 1,1-Dichloroethane	3.185	63	10487	0.347	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	3686	0.196	ug/L	93
33) Benzene	5.101	78	25311	0.342	ug/L	100

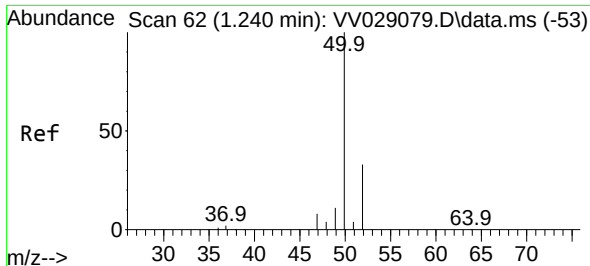
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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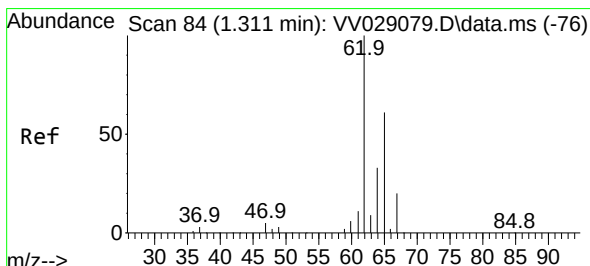
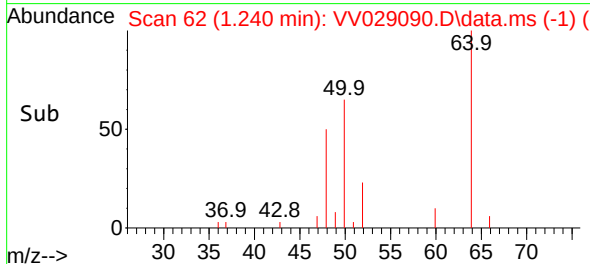
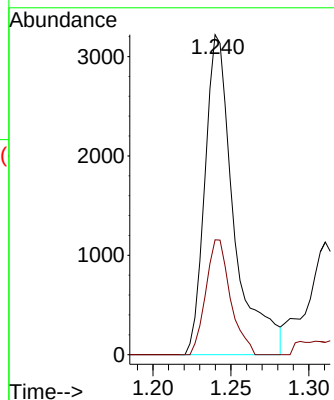
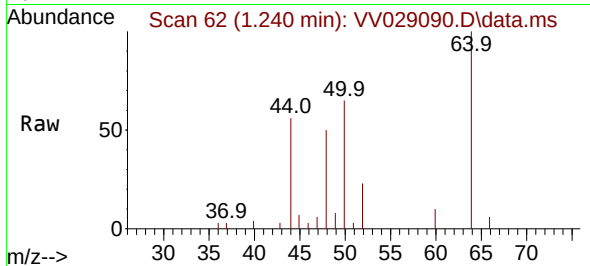




#3
Chloromethane
Concen: 0.229 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029090.D
Acq: 18 Nov 2022 02:11

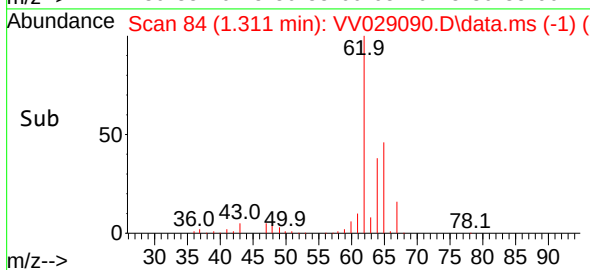
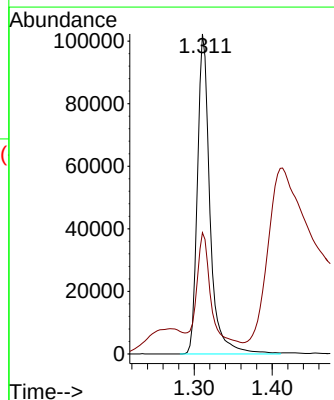
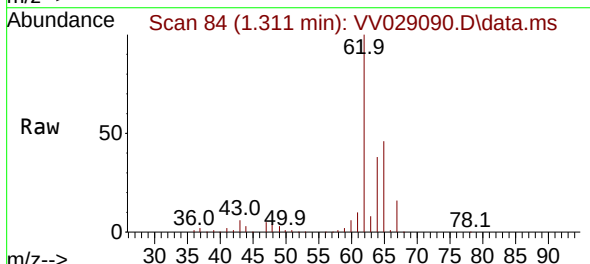
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MSVOA_V
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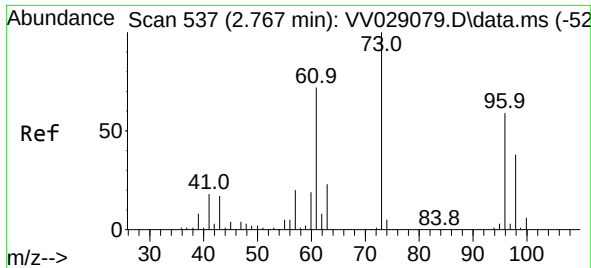
Tgt Ion: 50 Resp: 4175
Ion Ratio Lower Upper
50 100
52 35.9 23.7 43.9



#5
Vinyl chloride
Concen: 5.502 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029090.D
Acq: 18 Nov 2022 02:11

Tgt Ion: 62 Resp: 114365
Ion Ratio Lower Upper
62 100
64 37.9 22.8 42.4

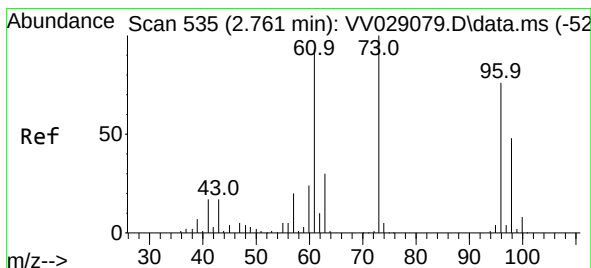
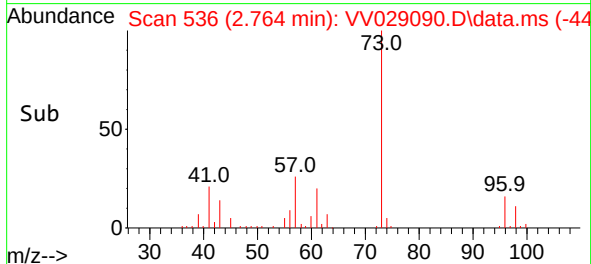
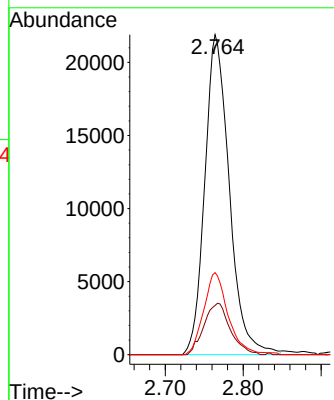
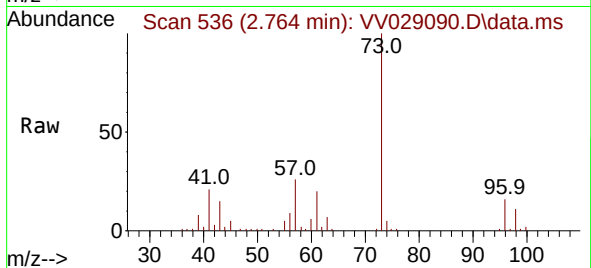




#17
Methyl tert-butyl Ether
Concen: 1.400 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029090.D
Acq: 18 Nov 2022 02:11

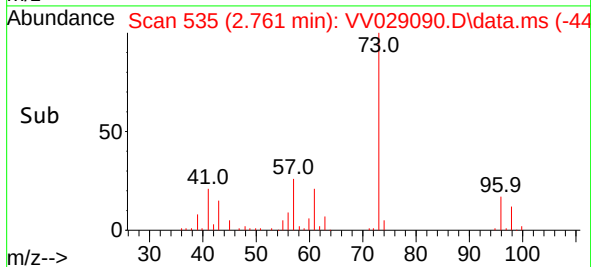
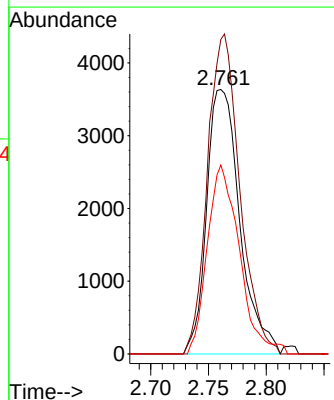
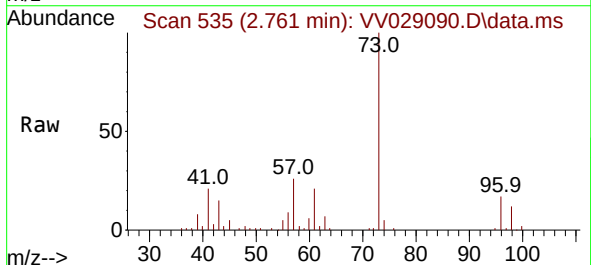
Instrument :
MSVOA_V
ClientSampleId :
H46D8

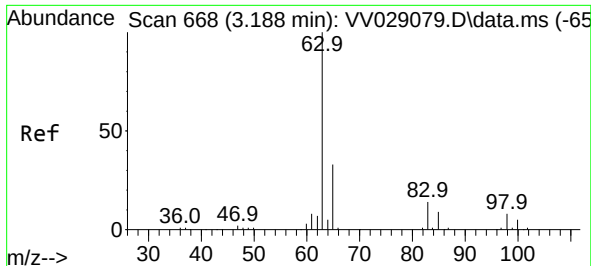
Tgt Ion: 73 Resp: 47847
Ion Ratio Lower Upper
73 100
43 17.2 13.0 19.4
57 25.6 16.6 24.8#



#18
trans-1,2-Dichloroethene
Concen: 0.393 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029090.D
Acq: 18 Nov 2022 02:11

Tgt Ion: 96 Resp: 7270
Ion Ratio Lower Upper
96 100
61 118.9 91.8 170.6
98 71.4 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.347 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029090.D

Acq: 18 Nov 2022 02:11

Instrument :

MSVOA_V

ClientSampleId :

H46D8

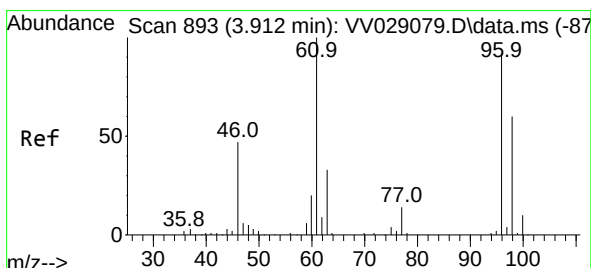
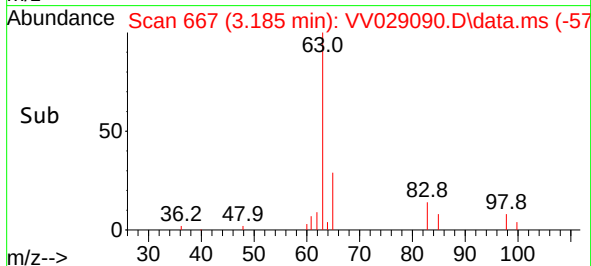
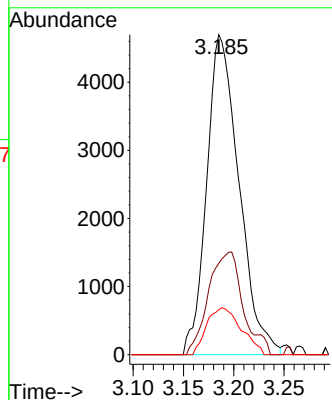
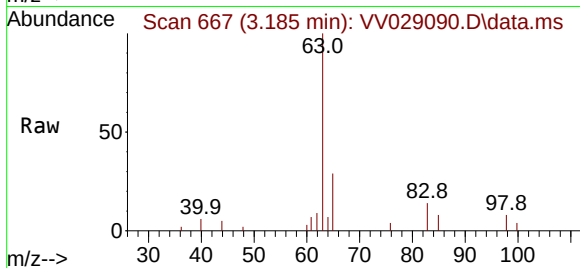
Tgt Ion: 63 Resp: 10487

Ion Ratio Lower Upper

63 100

65 28.5 23.0 42.6

83 14.0 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 0.196 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV029090.D

Acq: 18 Nov 2022 02:11

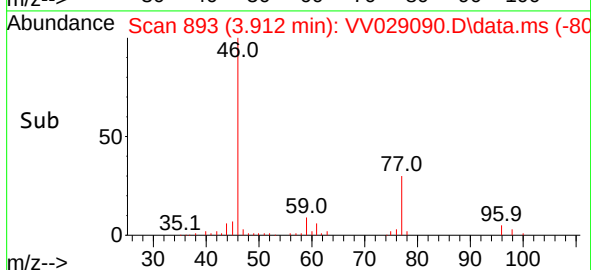
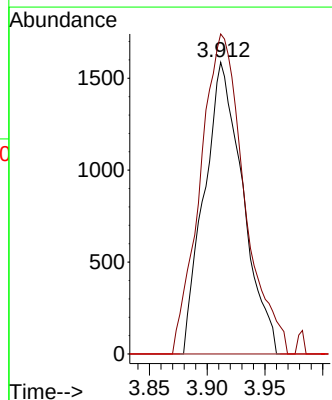
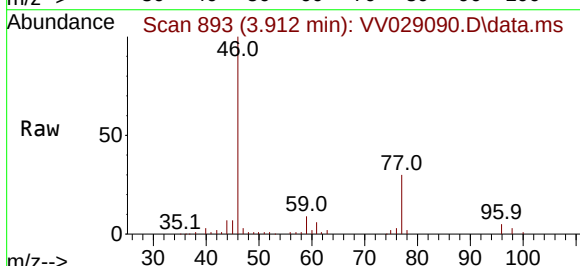
Tgt Ion: 96 Resp: 3686

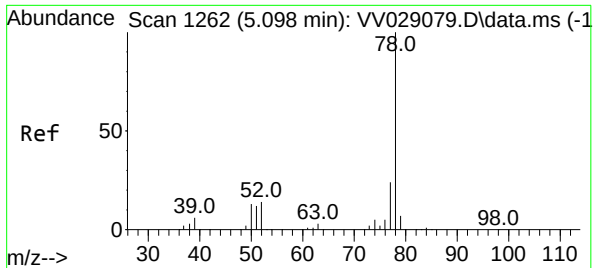
Ion Ratio Lower Upper

96 100

61 109.7 82.3 152.9

68 0.0 0.0 0.0





#33
Benzene
Concen: 0.342 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029090.D
Acq: 18 Nov 2022 02:11

Tgt Ion: 78 Resp: 25311

Instrument :
MSVOA_V
ClientSampleId :
H46D8

