

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029097.D
 Acq On : 18 Nov 2022 05:02
 Operator : SY/MD
 Sample : N5648-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E2

Quant Time: Nov 18 06:04:21 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)

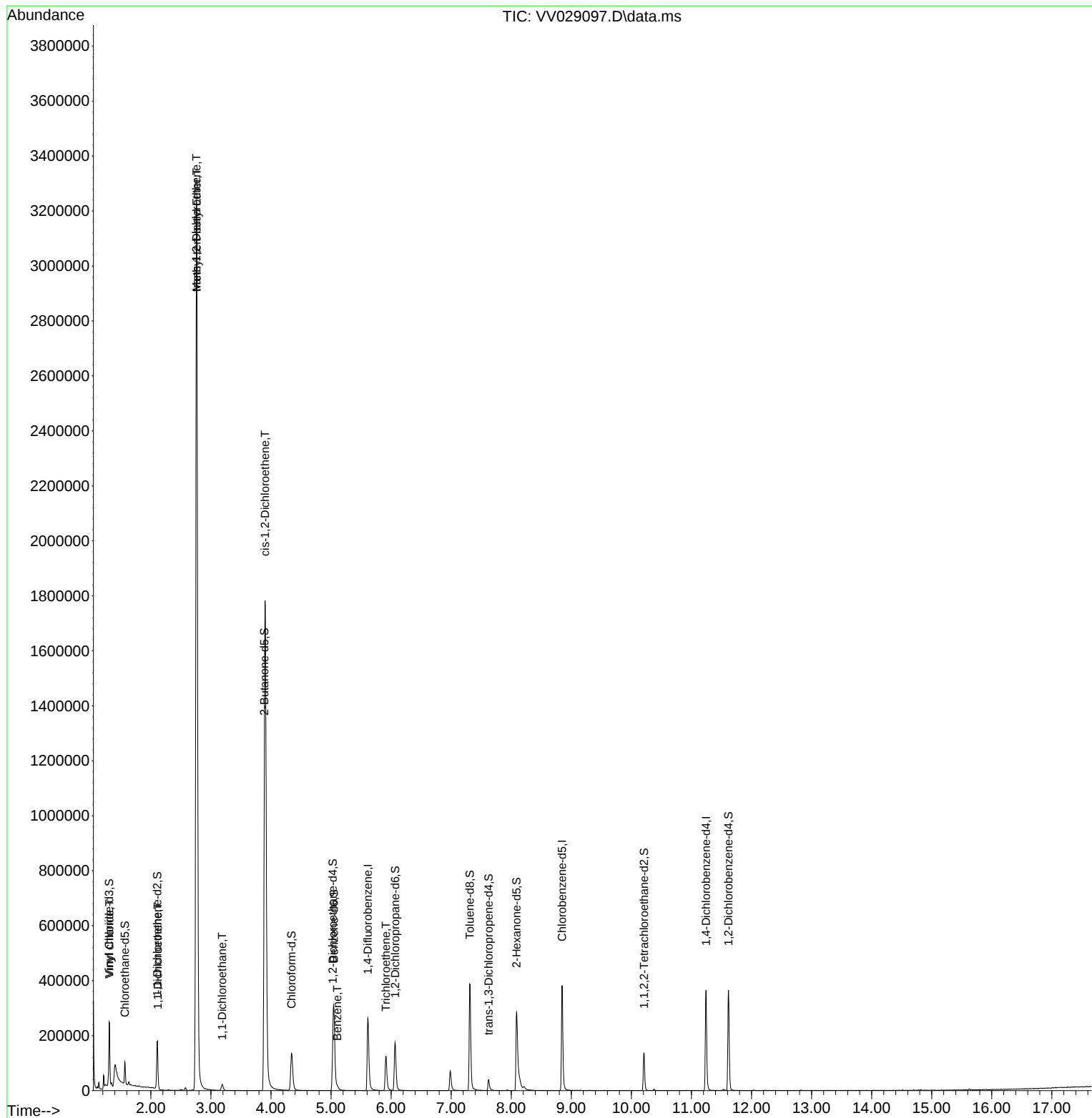
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	253893	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	240291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	107168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58690	3.792	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.800%	
7) Chloroethane-d5	1.568	69	51765	3.804	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.000%	
11) 1,1-Dichloroethene-d2	2.108	63	85777	3.041	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.800%	
20) 2-Butanone-d5	3.889	46	158159	61.041	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.080%	
24) Chloroform-d	4.342	84	150400	4.733	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.031	65	70302	4.917	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.047	84	313141	4.366	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.066	67	91219	4.555	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.310	98	282897	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	7.622	79	27255	4.172	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.088	63	123926	44.446	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.900%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68918	4.963	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	106669	5.563	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.200%	
Target Compounds						
5) Vinyl chloride	1.310	62	80590	4.022	ug/L	84
12) 1,1-Dichloroethene	2.114	96	2336	0.152	ug/L	# 1
17) Methyl tert-butyl Ether	2.764	73	2977531	90.360	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	270010	15.147	ug/L	94
19) 1,1-Dichloroethane	3.188	63	22983	0.789	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	1070279	59.058	ug/L	94
33) Benzene	5.104	78	14369	0.196	ug/L	100
34) Trichloroethene	5.912	95	47307	2.517	ug/L	98

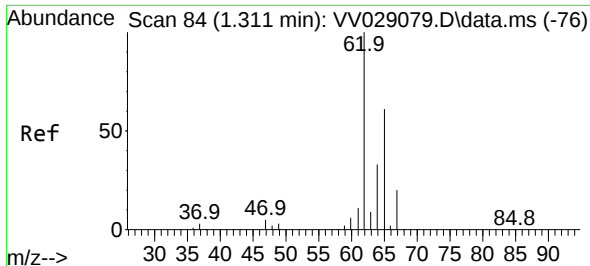
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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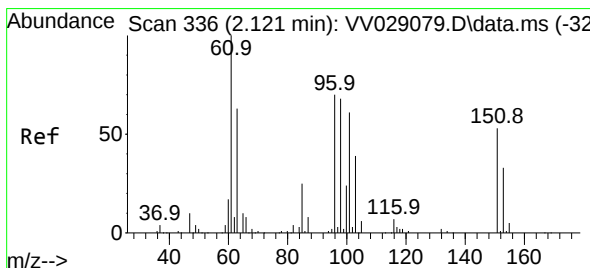
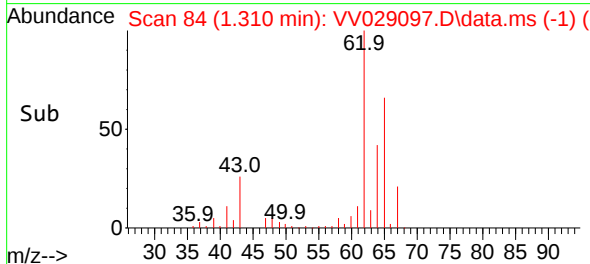
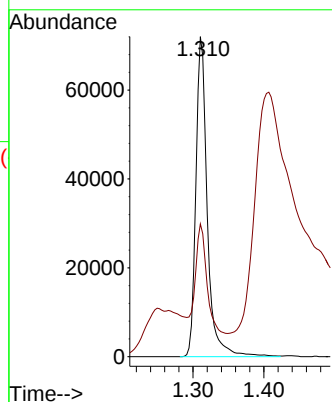
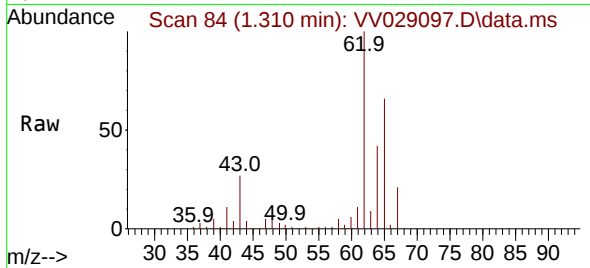




#5
 Vinyl chloride
 Concen: 4.022 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029097.D
 Acq: 18 Nov 2022 05:02

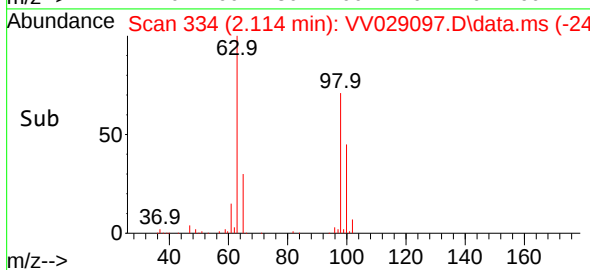
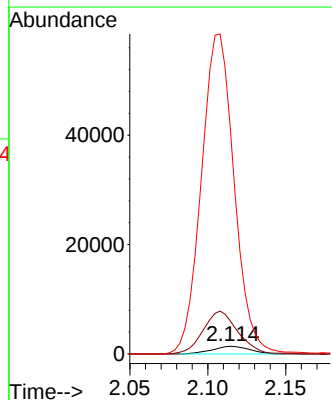
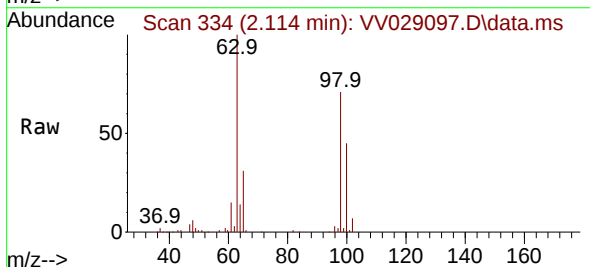
Instrument :
 MSVOA_V
 ClientSampleId :
 H46E2

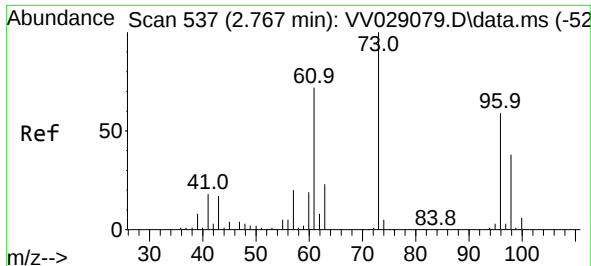
Tgt Ion: 62 Resp: 80590
 Ion Ratio Lower Upper
 62 100
 64 41.5 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.152 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.007 min
 Lab File: VV029097.D
 Acq: 18 Nov 2022 05:02

Tgt Ion: 96 Resp: 2336
 Ion Ratio Lower Upper
 96 100
 61 436.1 104.2 193.4#
 63 2983.7 75.9 140.9#

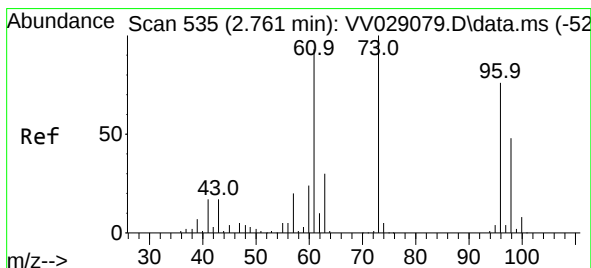
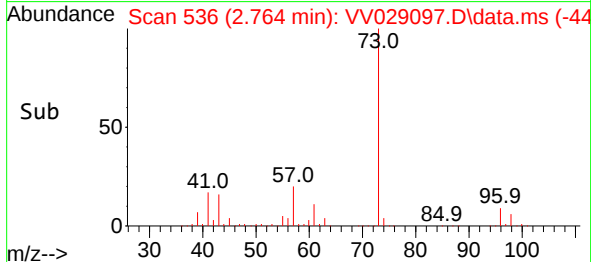
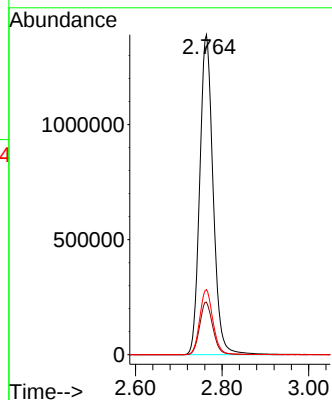
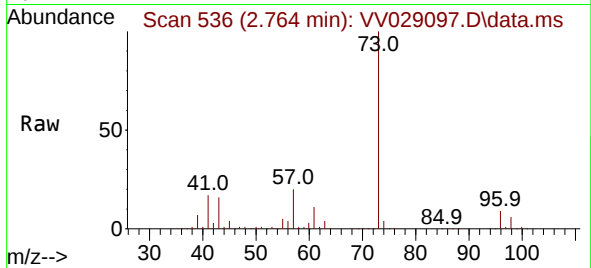




#17
Methyl tert-butyl Ether
Concen: 90.360 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029097.D
Acq: 18 Nov 2022 05:02

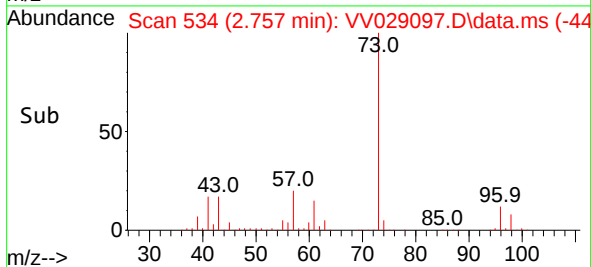
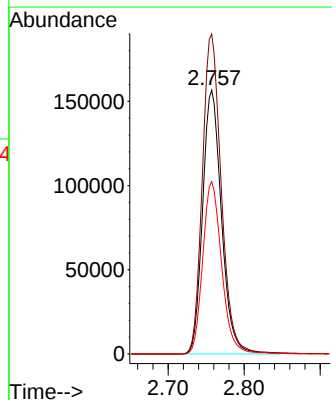
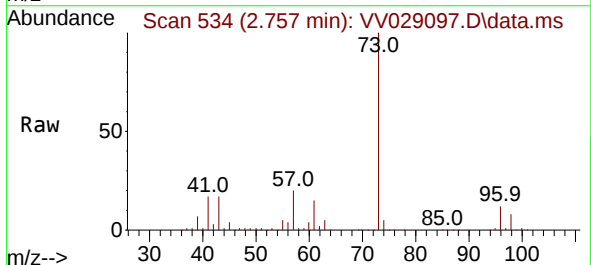
Instrument :
MSVOA_V
ClientSampleId :
H46E2

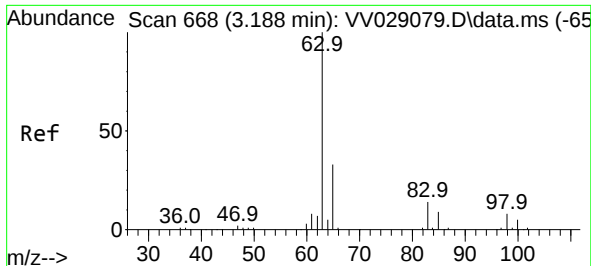
Tgt Ion: 73 Resp: 2977531
Ion Ratio Lower Upper
73 100
43 16.3 13.0 19.4
57 20.3 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 15.147 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029097.D
Acq: 18 Nov 2022 05:02

Tgt Ion: 96 Resp: 270010
Ion Ratio Lower Upper
96 100
61 121.4 91.8 170.6
98 65.4 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.789 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029097.D

Acq: 18 Nov 2022 05:02

Instrument :

MSVOA_V

ClientSampleId :

H46E2

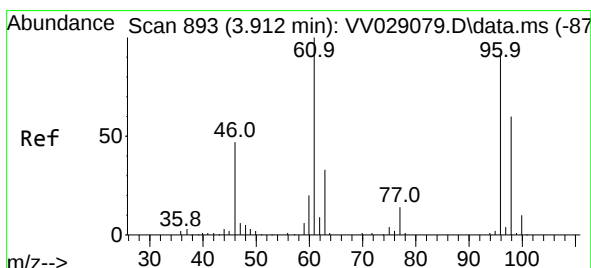
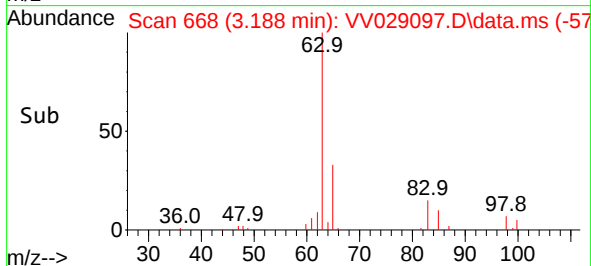
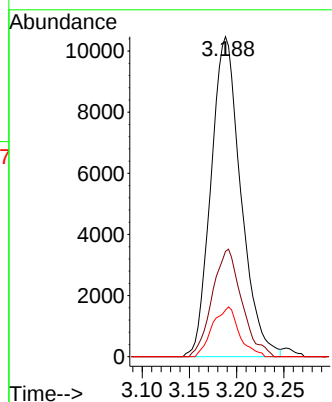
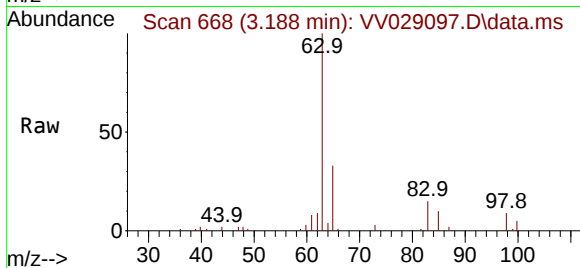
Tgt Ion: 63 Resp: 22983

Ion Ratio Lower Upper

63 100

65 32.9 23.0 42.6

83 14.6 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 59.058 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.010 min

Lab File: VV029097.D

Acq: 18 Nov 2022 05:02

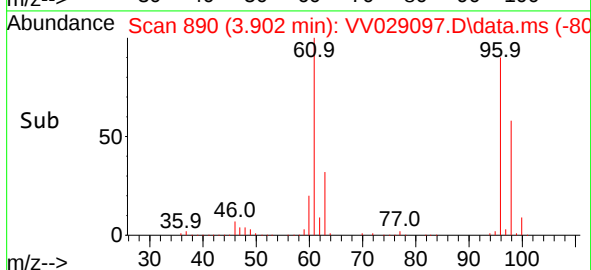
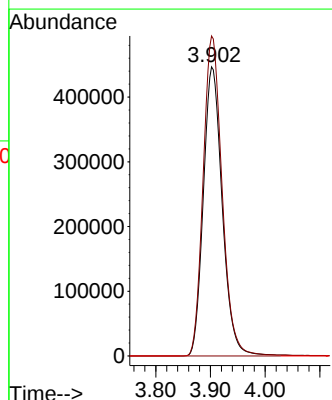
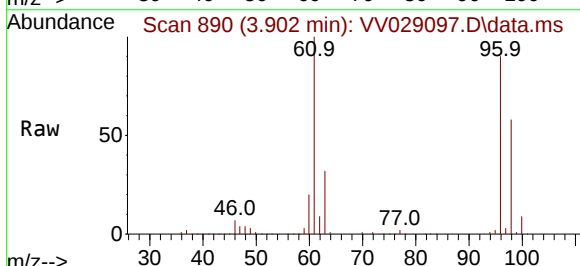
Tgt Ion: 96 Resp: 1070279

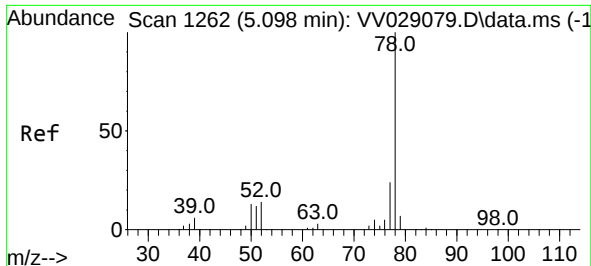
Ion Ratio Lower Upper

96 100

61 110.7 82.3 152.9

68 0.0 0.0 0.0

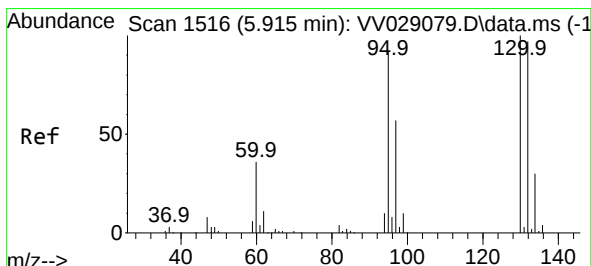
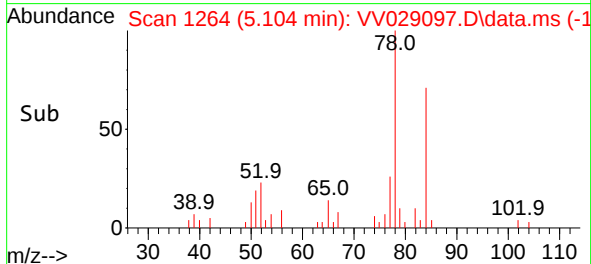
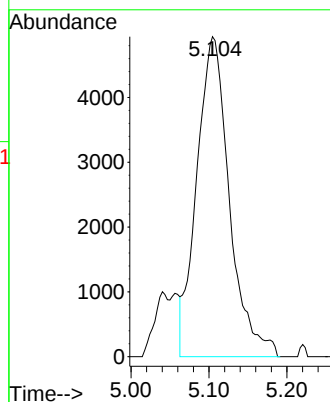
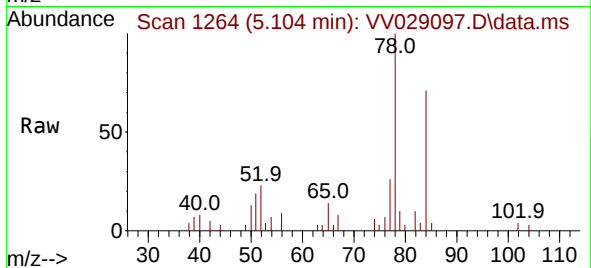




#33
Benzene
Concen: 0.196 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029097.D
Acq: 18 Nov 2022 05:02

Instrument :
MSVOA_V
ClientSampleId :
H46E2

Tgt Ion: 78 Resp: 14369



#34
Trichloroethene
Concen: 2.517 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV029097.D
Acq: 18 Nov 2022 05:02

Tgt Ion: 95 Resp: 47307

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.6	84.8
132	97.8	69.1	128.3
130	103.9	74.9	139.1

