

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029089.D
 Acq On : 18 Nov 2022 01:47
 Operator : SY/MD
 Sample : N5648-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D7

Quant Time: Nov 18 06:02:31 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)

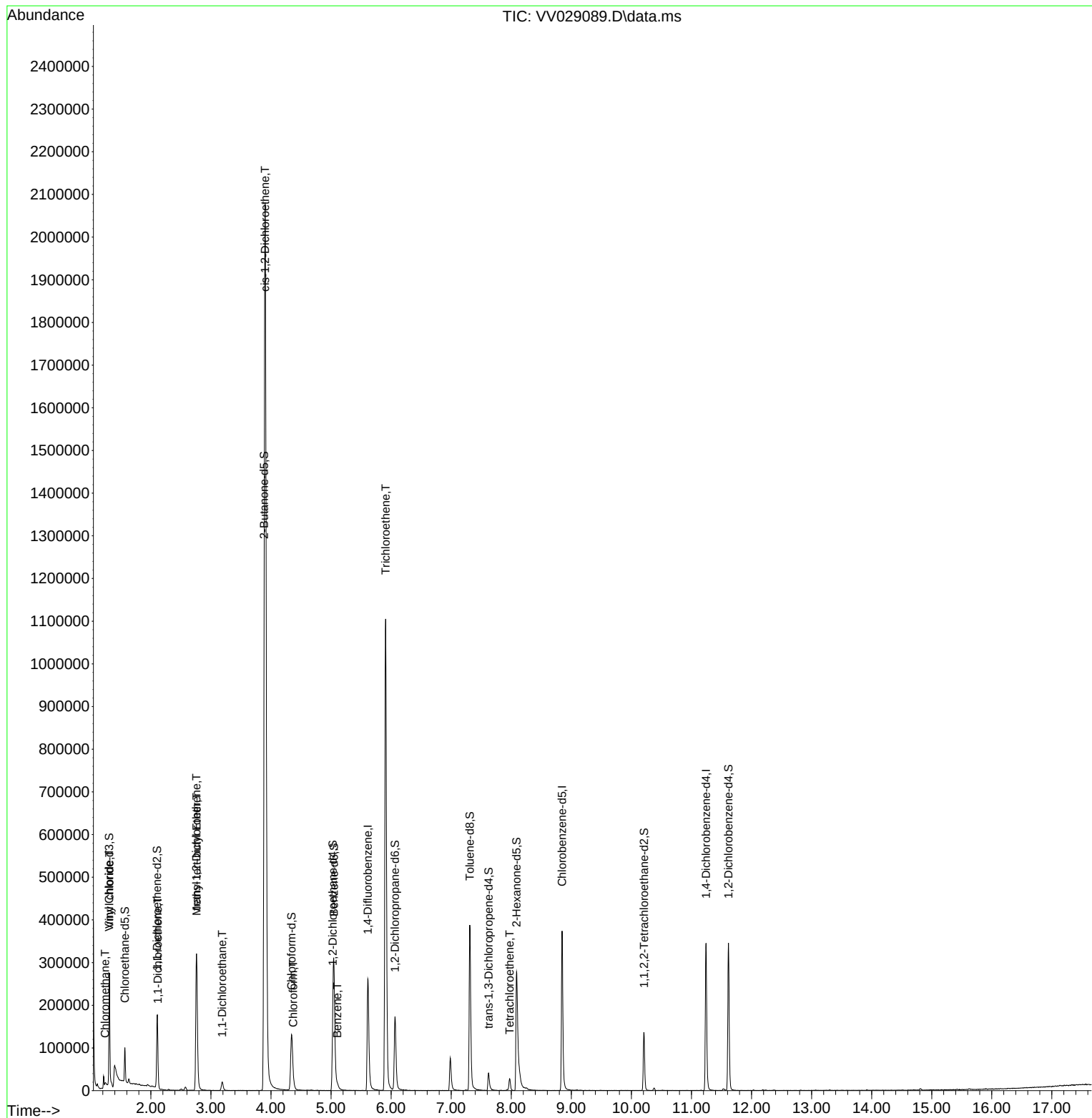
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	257741	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	233105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	102743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61021	3.883	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.600%	
7) Chloroethane-d5	1.568	69	51111	3.700	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.000%	
11) 1,1-Dichloroethene-d2	2.105	63	84884	2.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.200%#	
20) 2-Butanone-d5	3.886	46	160950	61.190	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.380%	
24) Chloroform-d	4.343	84	144417	4.477	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.027	65	70078	4.828	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.047	84	311181	4.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.066	67	89708	4.617	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.310	98	278656	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	7.622	79	27266	4.303	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.088	63	122710	45.367	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.740%	
56) 1,1,2,2-Tetrachloroeth...	10.211	84	69683	5.173	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	98576	5.363	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	4239	0.238	ug/L	95
5) Vinyl chloride	1.311	62	108932	5.356	ug/L	92
12) 1,1-Dichloroethene	2.118	96	2632	0.169	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	130759	3.909	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	89717	4.958	ug/L	93
19) 1,1-Dichloroethane	3.188	63	21471	0.726	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	1250391	67.966	ug/L	94
25) Chloroform	4.372	83	7389	0.238	ug/L	97
33) Benzene	5.105	78	15146	0.213	ug/L	100
34) Trichloroethene	5.908	95	395639	21.695	ug/L	98
47) Tetrachloroethene	7.973	164	7203	0.493	ug/L	98

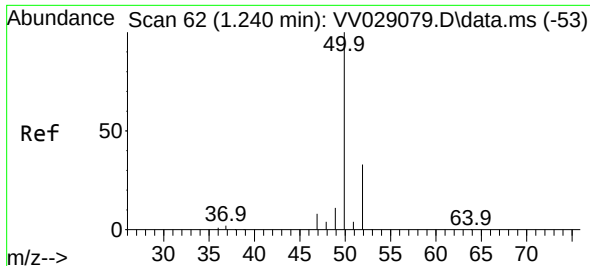
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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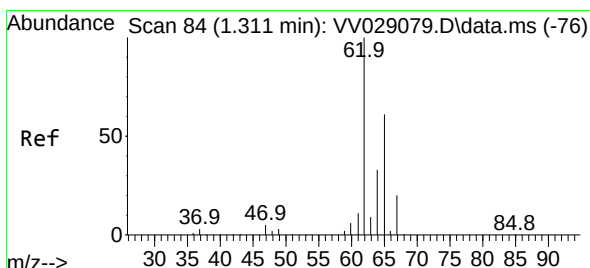
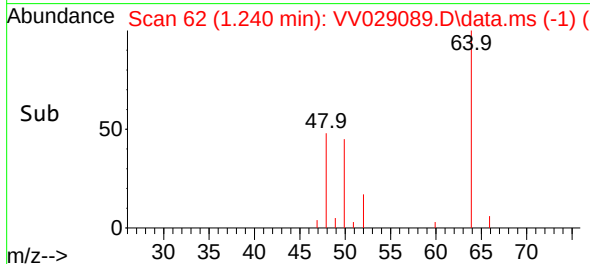
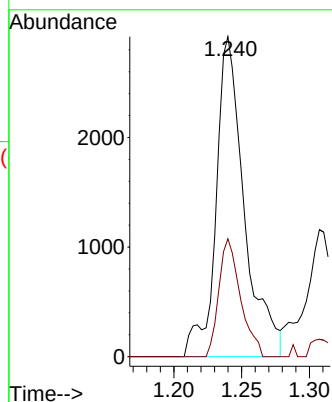
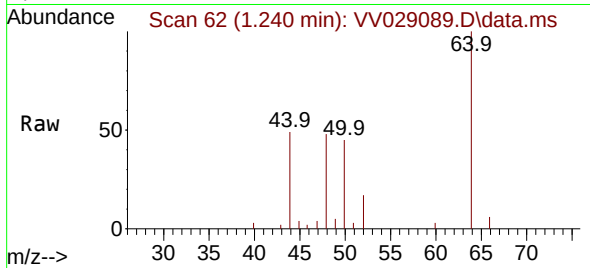




#3
Chloromethane
Concen: 0.238 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

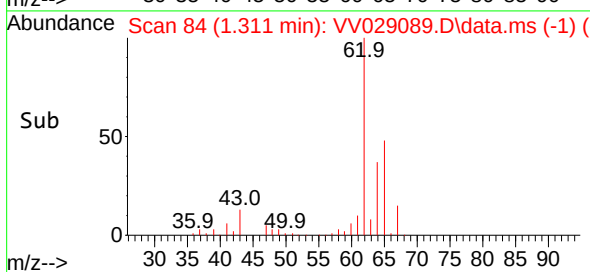
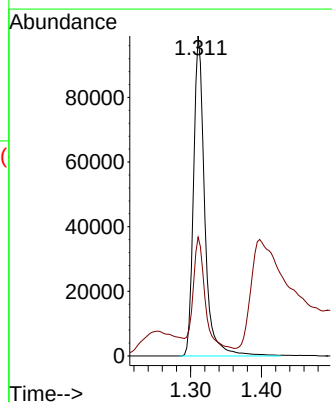
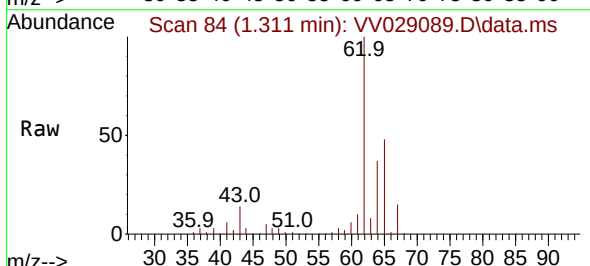
Instrument :
MSVOA_V
ClientSampleId :
H46D7

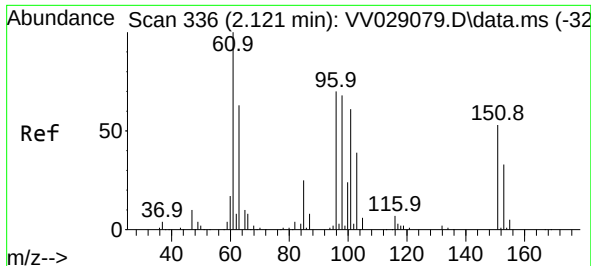
Tgt Ion: 50 Resp: 4239
Ion Ratio Lower Upper
50 100
52 36.8 23.7 43.9



#5
Vinyl chloride
Concen: 5.356 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

Tgt Ion: 62 Resp: 108932
Ion Ratio Lower Upper
62 100
64 37.1 22.8 42.4

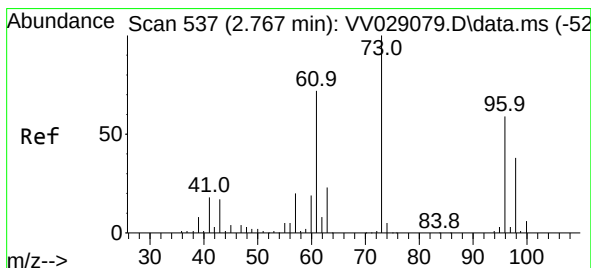
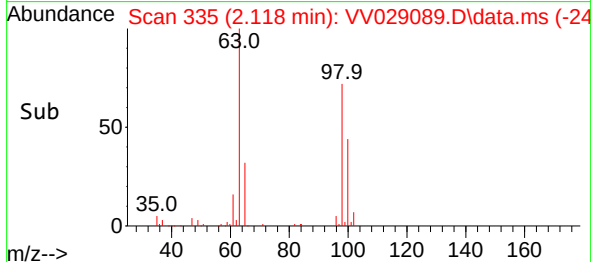
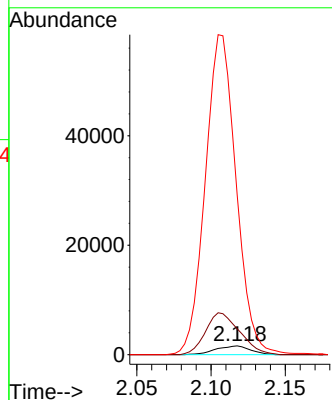
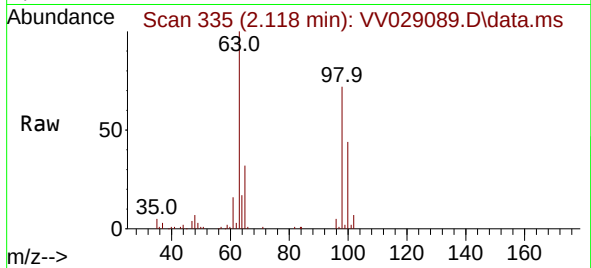




#12
1,1-Dichloroethene
Concen: 0.169 ug/L
RT: 2.118 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

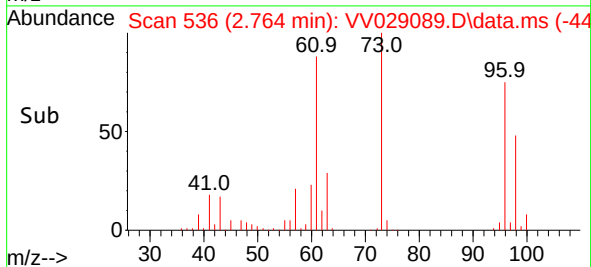
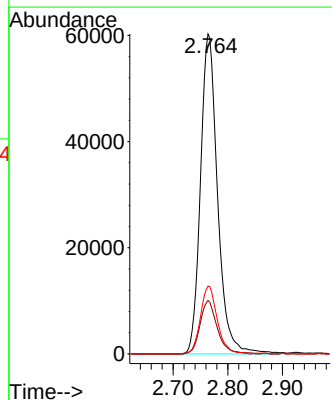
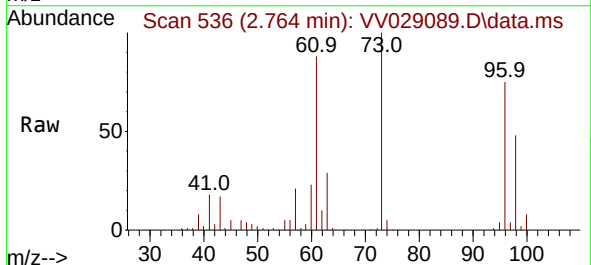
Instrument :
MSVOA_V
ClientSampleId :
H46D7

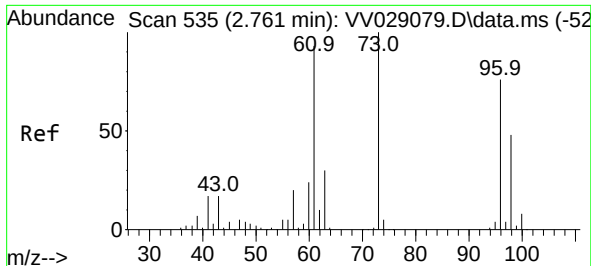
Tgt Ion: 96 Resp: 2632
Ion Ratio Lower Upper
96 100
61 294.6 104.2 193.4#
63 1819.0 75.9 140.9#



#17
Methyl tert-butyl Ether
Concen: 3.909 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

Tgt Ion: 73 Resp: 130759
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 20.9 16.6 24.8

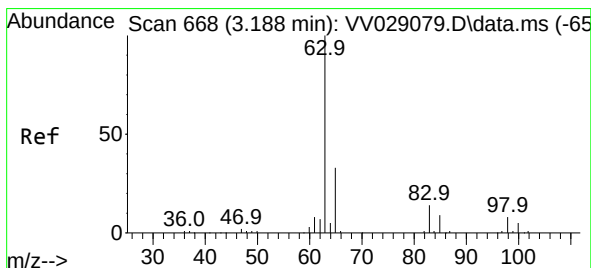
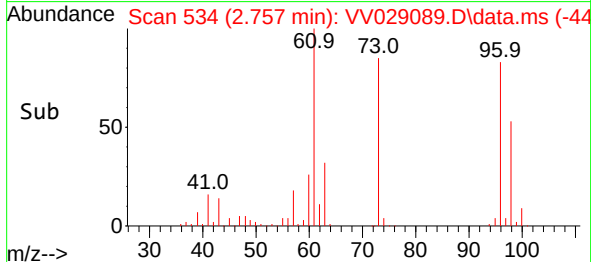
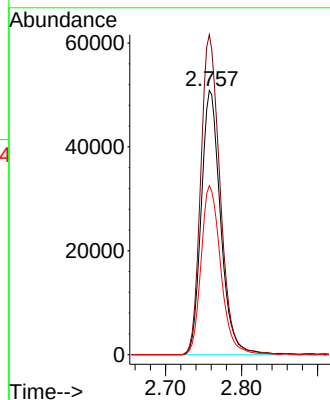
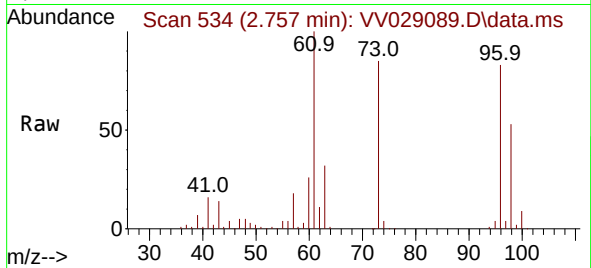




#18
trans-1,2-Dichloroethene
Concen: 4.958 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

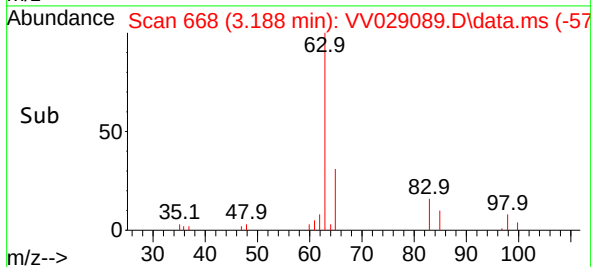
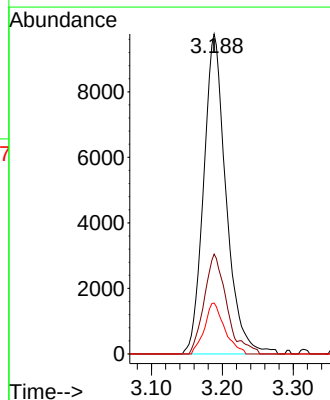
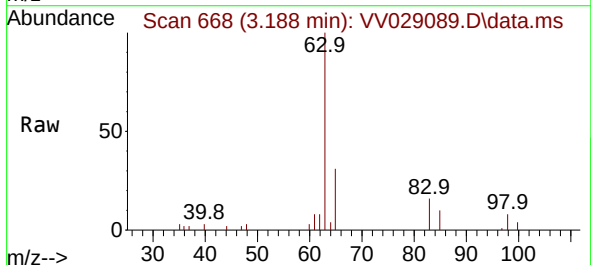
Instrument :
MSVOA_V
ClientSampleId :
H46D7

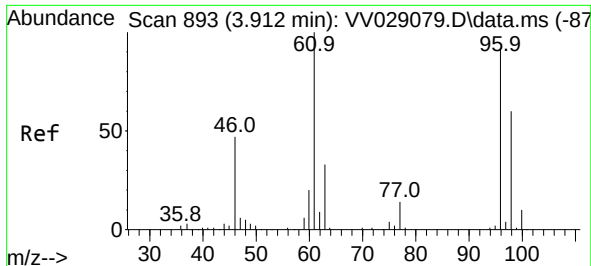
Tgt Ion: 96 Resp: 89717
Ion Ratio Lower Upper
96 100
61 121.1 91.8 170.6
98 64.0 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.726 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

Tgt Ion: 63 Resp: 21471
Ion Ratio Lower Upper
63 100
65 31.2 23.0 42.6
83 15.9 9.4 17.6



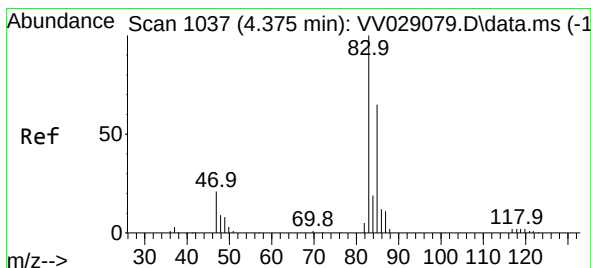
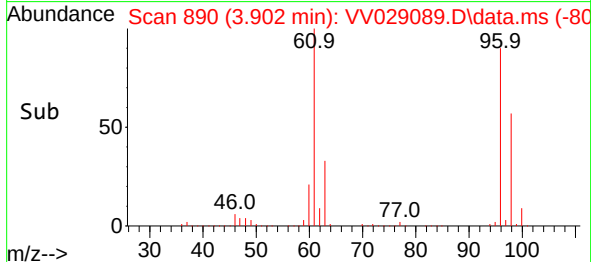
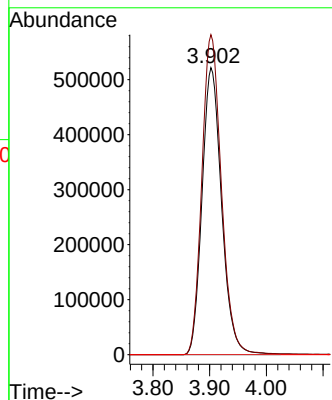
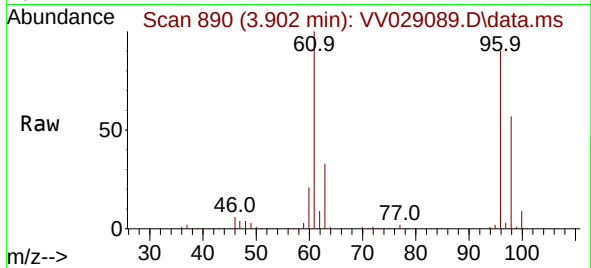


#22
 cis-1,2-Dichloroethene
 Concen: 67.966 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. -0.010 min
 Lab File: VV029089.D
 Acq: 18 Nov 2022 01:47

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D7

Tgt Ion: 96 Resp: 1250391

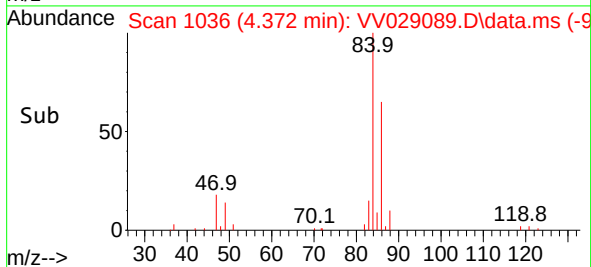
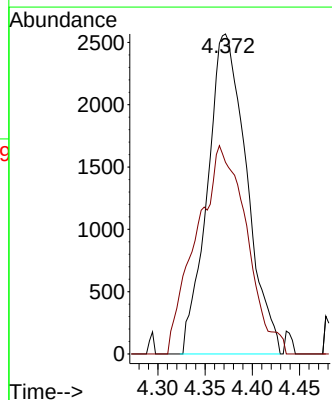
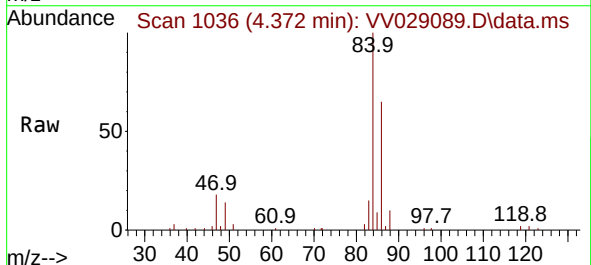
Ion	Ratio	Lower	Upper
96	100		
61	111.5	82.3	152.9
68	0.0	0.0	0.0

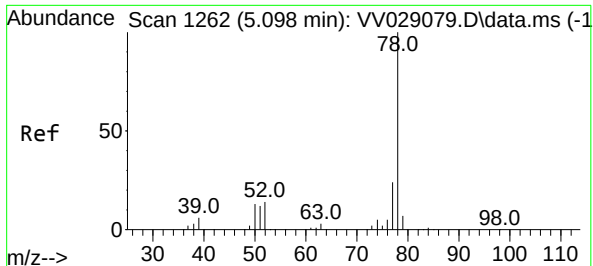


#25
 Chloroform
 Concen: 0.238 ug/L
 RT: 4.372 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VV029089.D
 Acq: 18 Nov 2022 01:47

Tgt Ion: 83 Resp: 7389

Ion	Ratio	Lower	Upper
83	100		
85	59.9	43.7	81.1

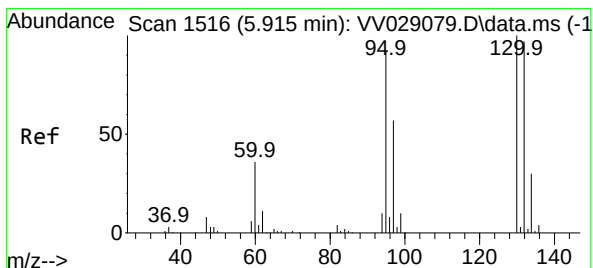
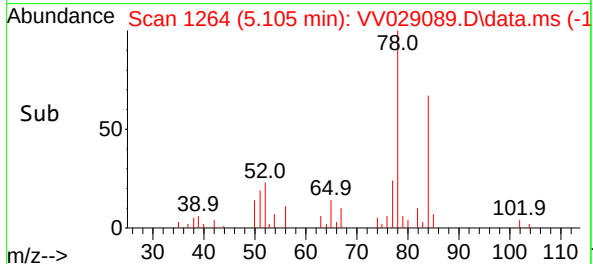
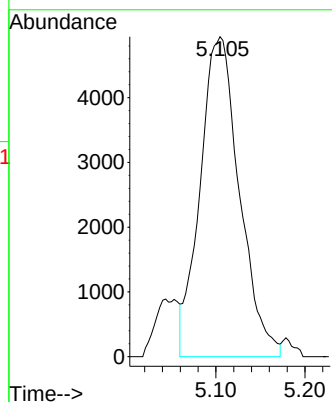
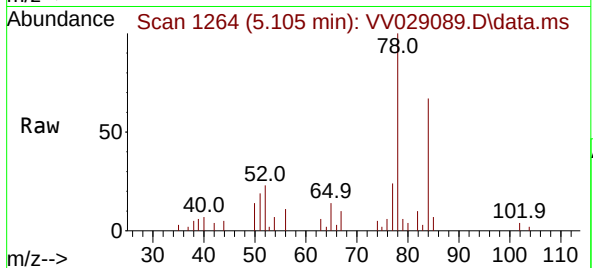




#33
Benzene
Concen: 0.213 ug/L
RT: 5.105 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

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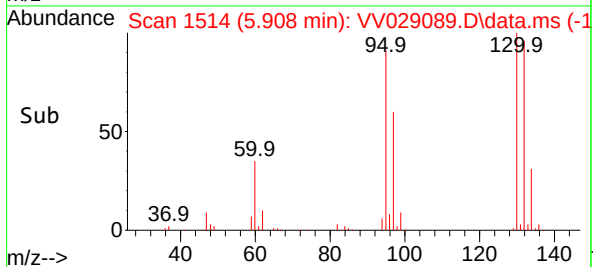
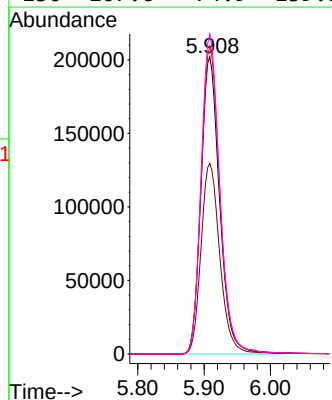
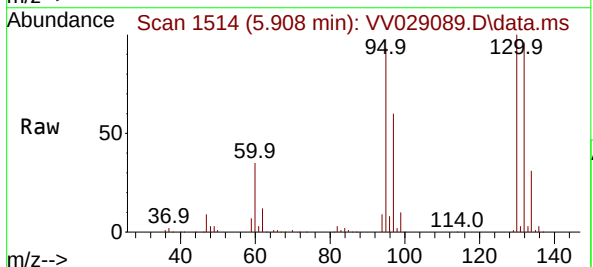
Tgt Ion: 78 Resp: 15146

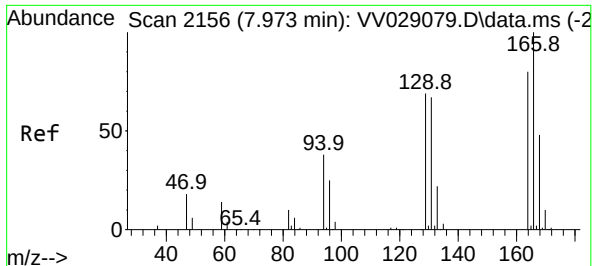


#34
Trichloroethene
Concen: 21.695 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

Tgt Ion: 95 Resp: 395639

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.6	84.8
132	103.5	69.1	128.3
130	107.6	74.9	139.1





#47
 Tetrachloroethene
 Concen: 0.493 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029089.D
 Acq: 18 Nov 2022 01:47

Instrument :
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 ClientSampleId :
 H46D7

Tgt Ion:164 Resp: 7203

Ion	Ratio	Lower	Upper
164	100		
129	94.9	63.9	118.7
131	89.0	61.8	114.8
166	131.0	90.2	167.4

