

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029087.D
 Acq On : 18 Nov 2022 00:58
 Operator : SY/MD
 Sample : N5648-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D4

Quant Time: Nov 18 06:01:55 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)

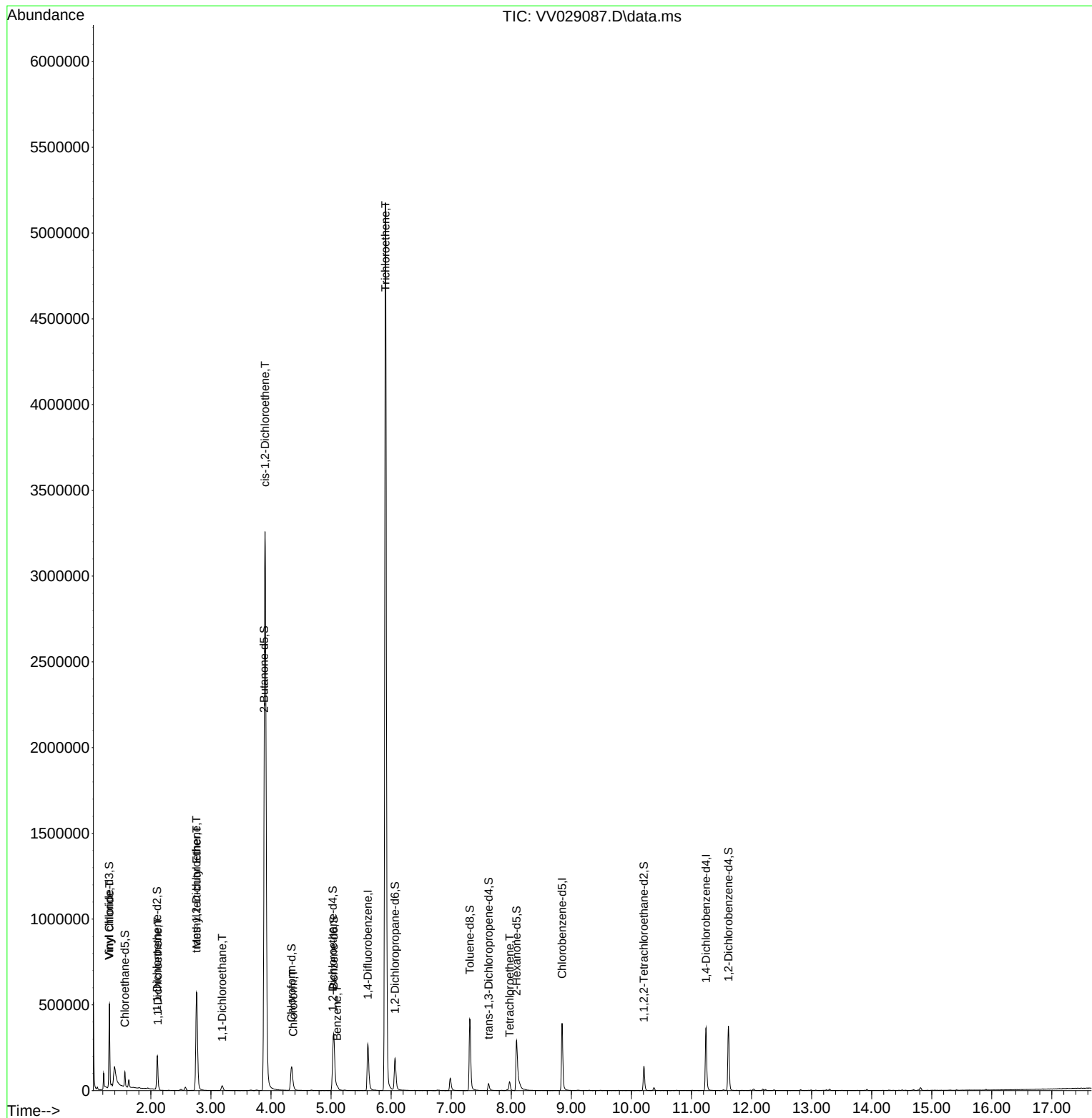
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	265199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	241909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	108263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73043	4.518	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.568	69	57577	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.105	63	98751	3.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.886	46	162189	59.927	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.860%
24) Chloroform-d	4.342	84	153277	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.027	65	73005	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.043	84	332683	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.066	67	96104	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.310	98	302453	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.622	79	28199	4.288	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.088	63	128762	45.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.740%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	72615	5.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	109709	5.664	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	209014	9.987	ug/L	95
12) 1,1-Dichloroethene	2.117	96	6252	0.389	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	513338	14.914	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	50218	2.697	ug/L	94
19) 1,1-Dichloroethane	3.188	63	29354	0.964	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	1971399	104.144	ug/L	95
25) Chloroform	4.368	83	7688	0.241	ug/L	96
33) Benzene	5.098	78	24303	0.329	ug/L	100
34) Trichloroethene	5.905	95	1816349	95.976	ug/L	98
47) Tetrachloroethene	7.973	164	13227	0.873	ug/L	98

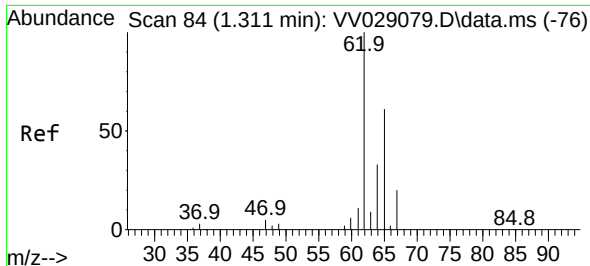
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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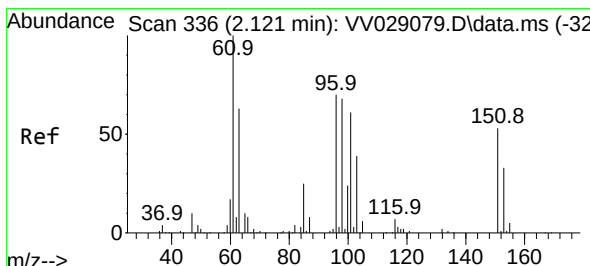
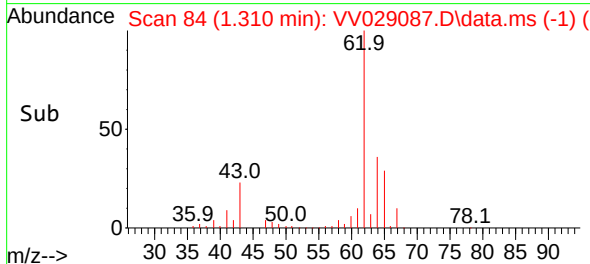
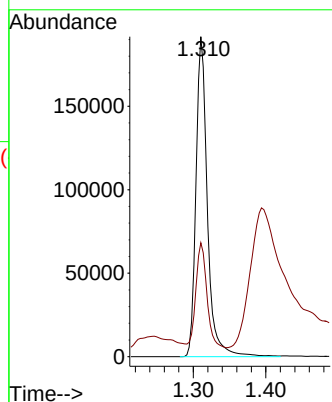
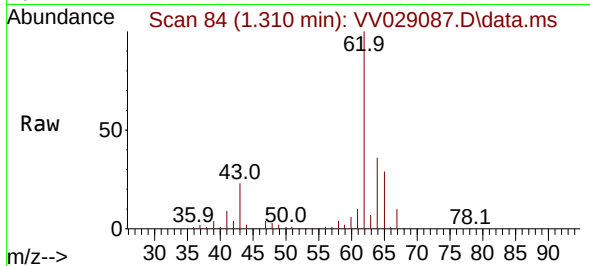




#5
 Vinyl chloride
 Concen: 9.987 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029087.D
 Acq: 18 Nov 2022 00:58

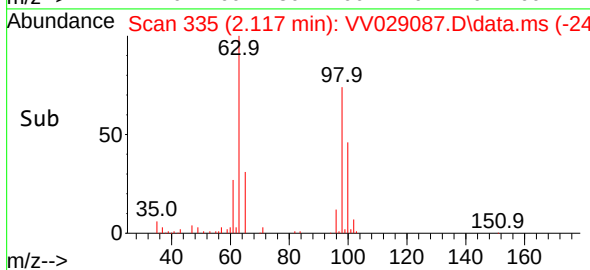
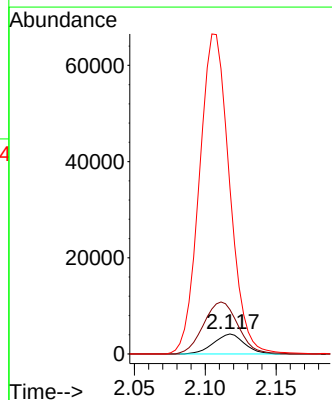
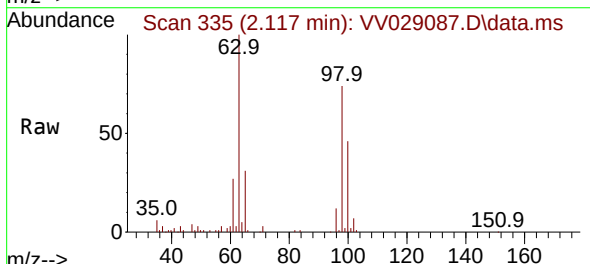
Instrument :
 MSVOA_V
 ClientSampleId :
 H46D4

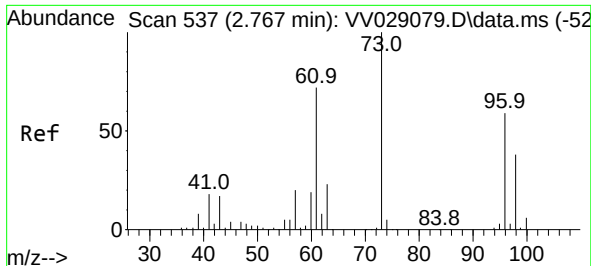
Tgt Ion: 62 Resp: 209014
 Ion Ratio Lower Upper
 62 100
 64 35.6 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.389 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV029087.D
 Acq: 18 Nov 2022 00:58

Tgt Ion: 96 Resp: 6252
 Ion Ratio Lower Upper
 96 100
 61 221.8 104.2 193.4#
 63 831.0 75.9 140.9#





#17

Methyl tert-butyl Ether

Concen: 14.914 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV029087.D

Acq: 18 Nov 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

H46D4

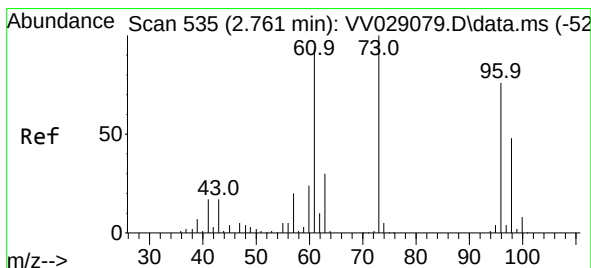
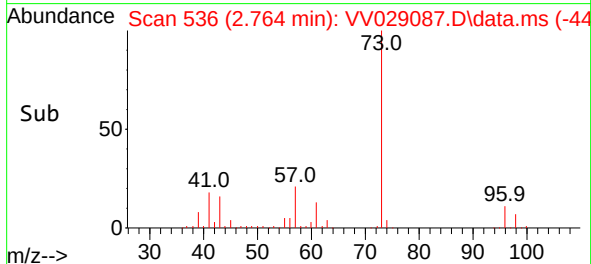
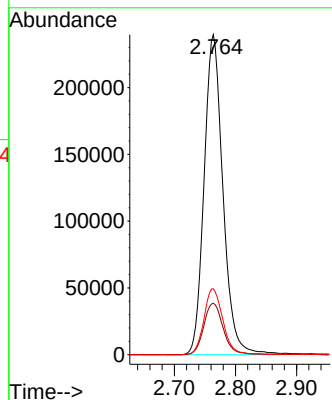
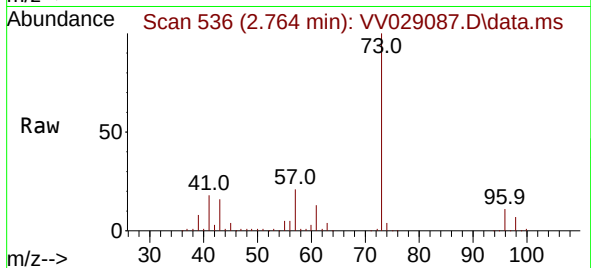
Tgt Ion: 73 Resp: 513338

Ion Ratio Lower Upper

73 100

43 16.7 13.0 19.4

57 20.8 16.6 24.8



#18

trans-1,2-Dichloroethene

Concen: 2.697 ug/L

RT: 2.757 min Scan# 534

Delta R.T. -0.003 min

Lab File: VV029087.D

Acq: 18 Nov 2022 00:58

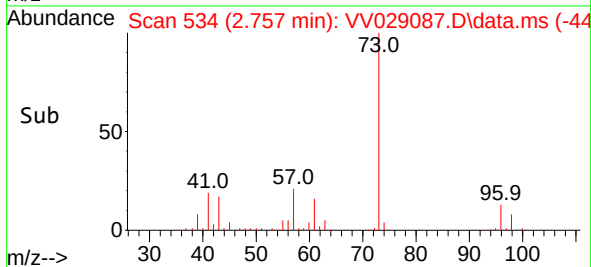
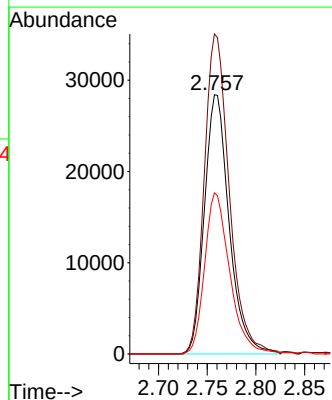
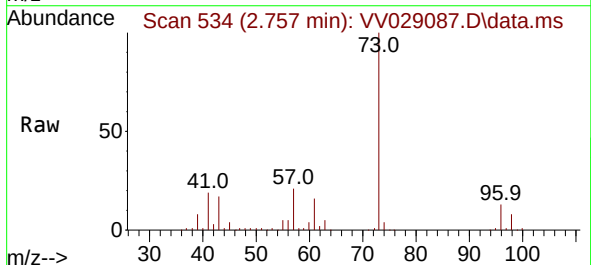
Tgt Ion: 96 Resp: 50218

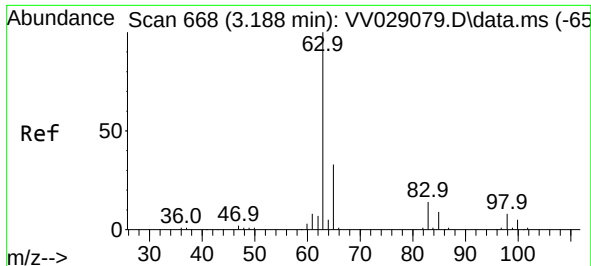
Ion Ratio Lower Upper

96 100

61 123.5 91.8 170.6

98 62.2 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.964 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029087.D

Acq: 18 Nov 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

H46D4

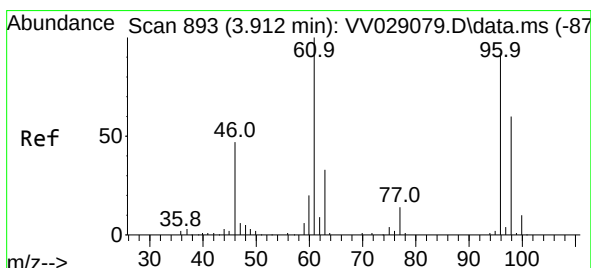
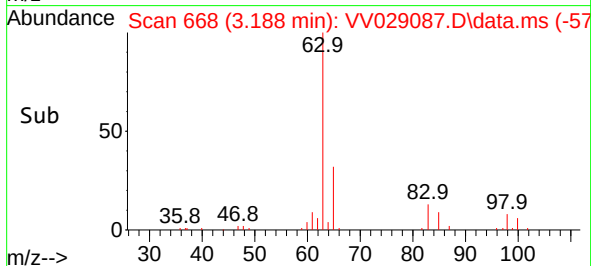
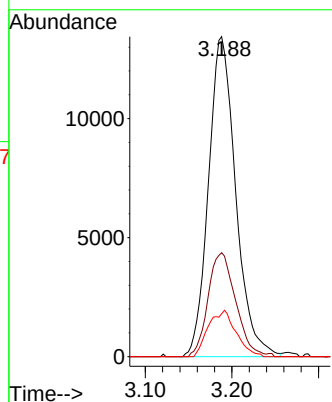
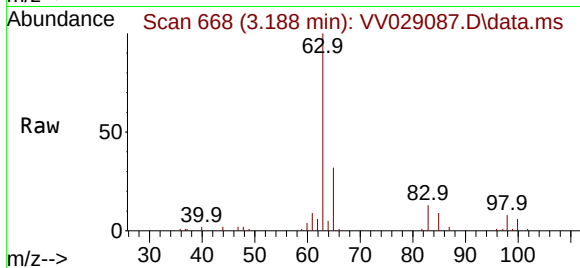
Tgt Ion: 63 Resp: 29354

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.6

83 13.4 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 104.144 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.010 min

Lab File: VV029087.D

Acq: 18 Nov 2022 00:58

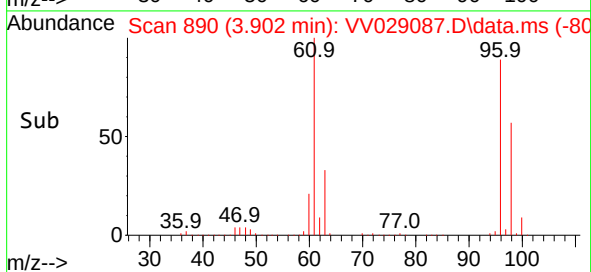
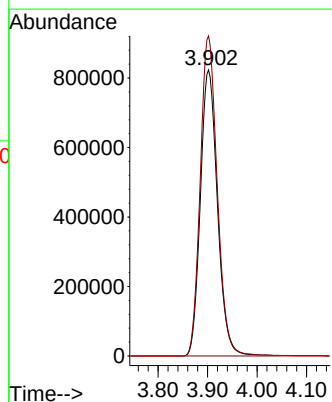
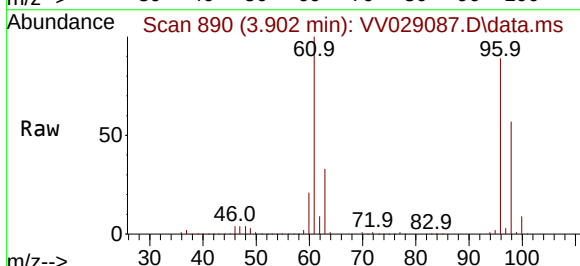
Tgt Ion: 96 Resp: 1971399

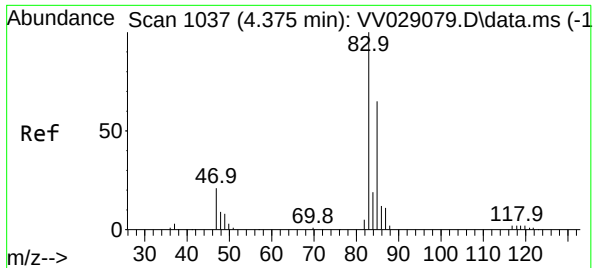
Ion Ratio Lower Upper

96 100

61 111.9 82.3 152.9

68 0.0 0.0 0.0

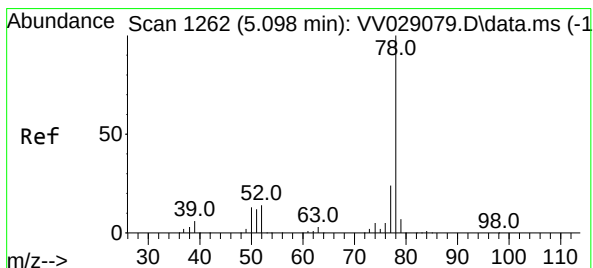
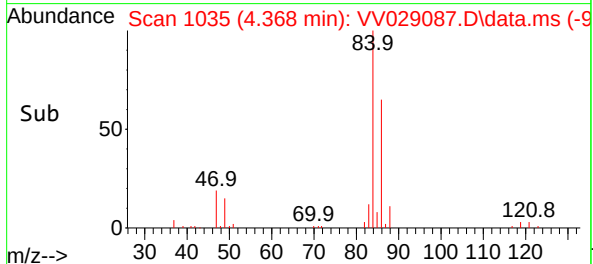
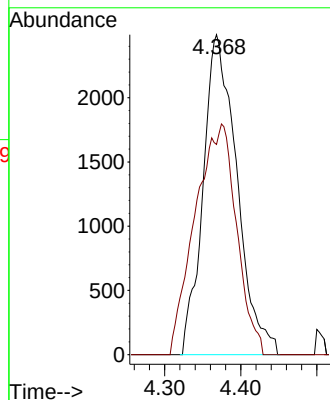
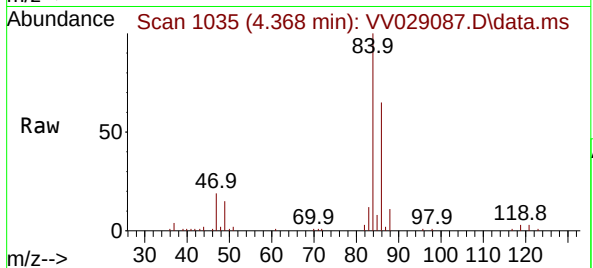




#25
Chloroform
Concen: 0.241 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV029087.D
Acq: 18 Nov 2022 00:58

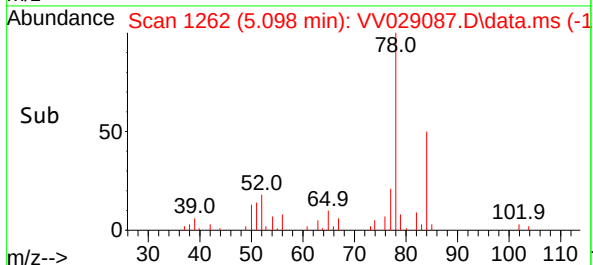
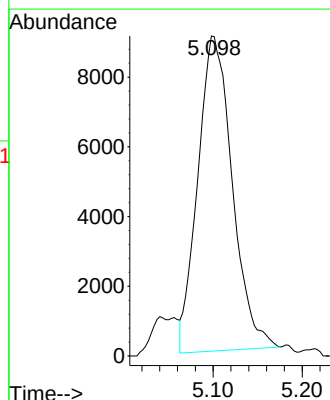
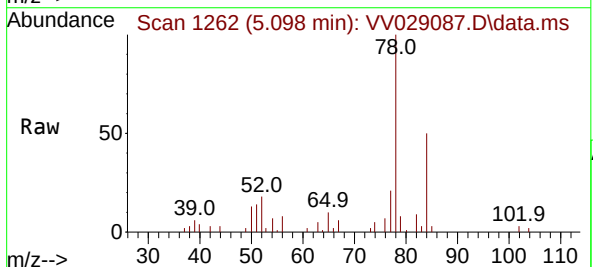
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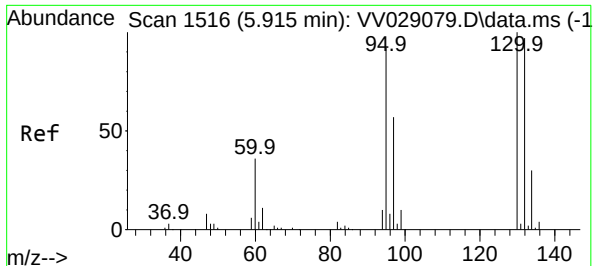
Tgt Ion: 83 Resp: 7688
Ion Ratio Lower Upper
83 100
85 65.7 43.7 81.1



#33
Benzene
Concen: 0.329 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV029087.D
Acq: 18 Nov 2022 00:58

Tgt Ion: 78 Resp: 24303



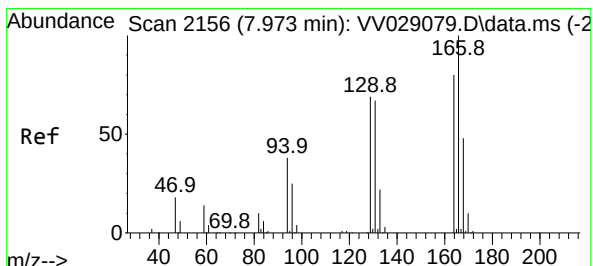
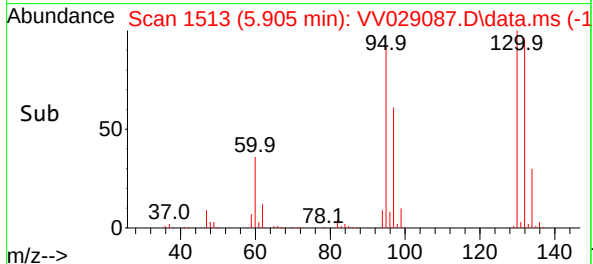
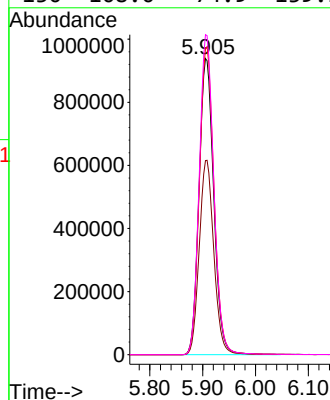
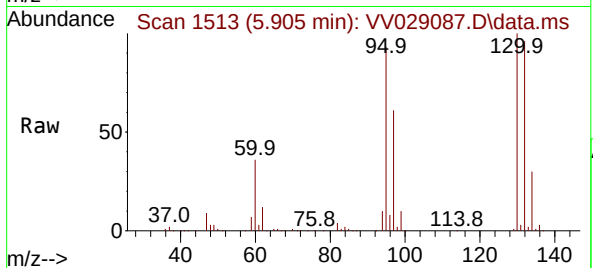


#34
 Trichloroethene
 Concen: 95.976 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: VV029087.D
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Instrument :
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Tgt Ion: 95 Resp: 1816349

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.6	84.8
132	103.3	69.1	128.3
130	108.0	74.9	139.1



#47
 Tetrachloroethene
 Concen: 0.873 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: VV029087.D
 Acq: 18 Nov 2022 00:58

Tgt Ion: 164 Resp: 13227

Ion	Ratio	Lower	Upper
164	100		
129	89.5	63.9	118.7
131	89.3	61.8	114.8
166	126.6	90.2	167.4

