

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029096.D
 Acq On : 18 Nov 2022 04:38
 Operator : SY/MD
 Sample : N5648-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E1

Quant Time: Nov 18 06:04:08 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)

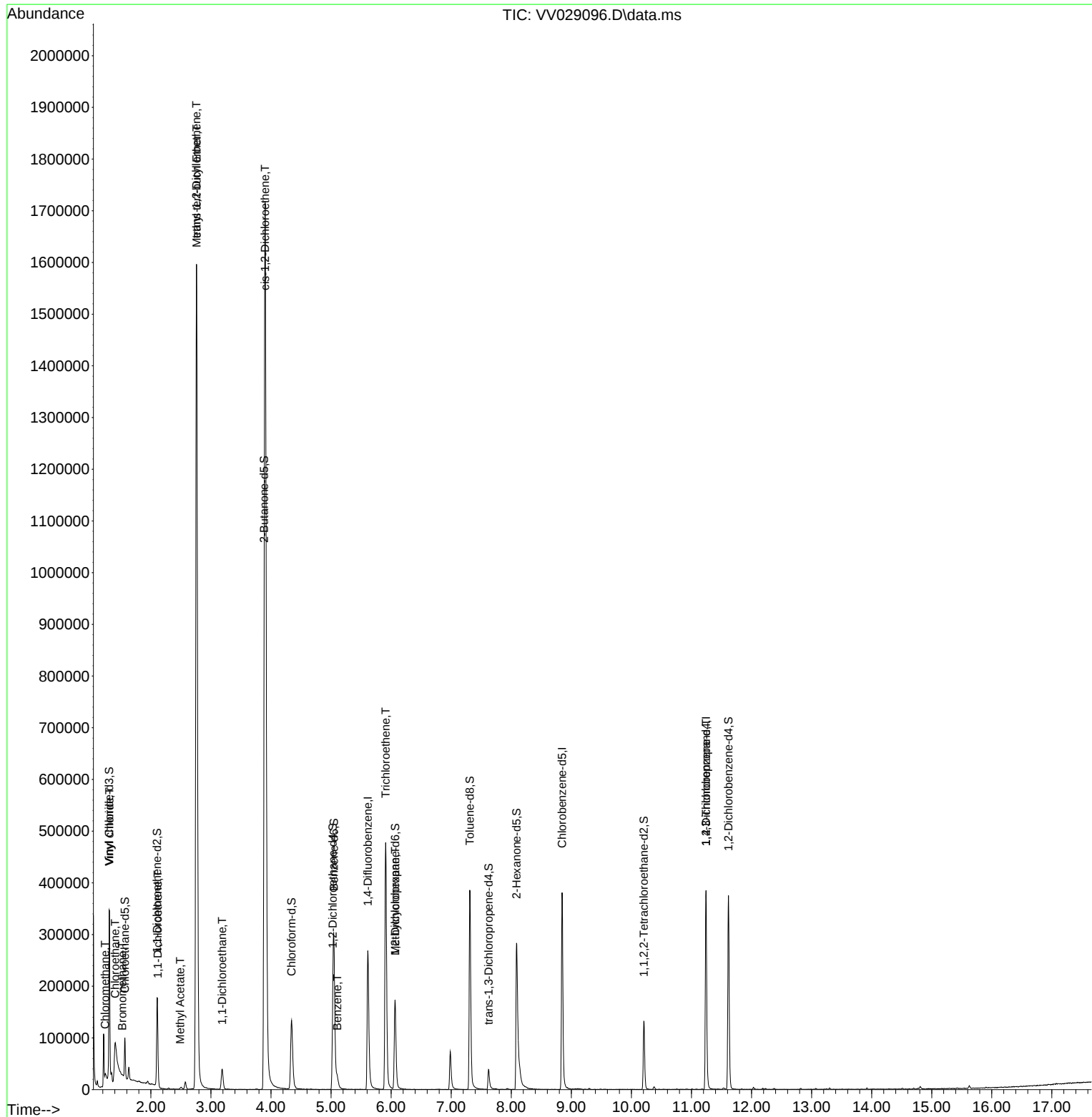
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	260769	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	236976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	112888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58896	3.705	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.568	69	50053	3.581	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.600%	
11) 1,1-Dichloroethene-d2	2.105	63	84111	2.903	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.000%#	
20) 2-Butanone-d5	3.886	46	157848	59.314	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.620%	
24) Chloroform-d	4.343	84	146030	4.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.027	65	68675	4.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	5.047	84	305748	4.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.066	67	89208	4.516	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.310	98	278503	4.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.622	79	27181	4.219	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.088	63	123675	44.977	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.960%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67526	4.931	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	108677	5.381	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	4536	0.251	ug/L	91
5) Vinyl chloride	1.310	62	117659	5.717	ug/L	87
6) Bromomethane	1.523	94	549	0.045	ug/L	94
8) Chloroethane	1.407	64	197298	16.316	ug/L #	52
12) 1,1-Dichloroethene	2.114	96	3052	0.193	ug/L #	1
15) Methyl Acetate	2.487	43	1025	0.247	ug/L #	44
17) Methyl tert-butyl Ether	2.764	73	1251397	36.975	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	218795	11.950	ug/L	93
19) 1,1-Dichloroethane	3.188	63	39969	1.335	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	1030048	55.339	ug/L	94
33) Benzene	5.101	78	26174	0.361	ug/L	100
34) Trichloroethene	5.908	95	173726	9.371	ug/L	94
35) Methylcyclohexane	6.066	83	22886	0.702	ug/L #	21
61) 1,2,3-Trichloropropane	11.243	75	11432	1.482	ug/L #	65

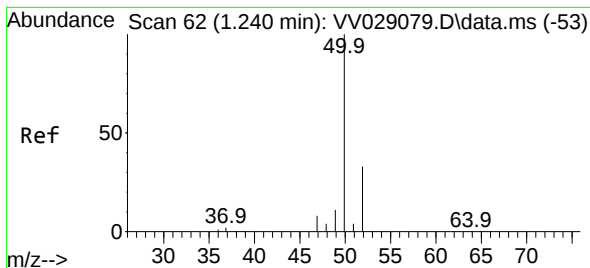
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.251 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029096.D

Acq: 18 Nov 2022 04:38

Instrument :

MSVOA_V

ClientSampleId :

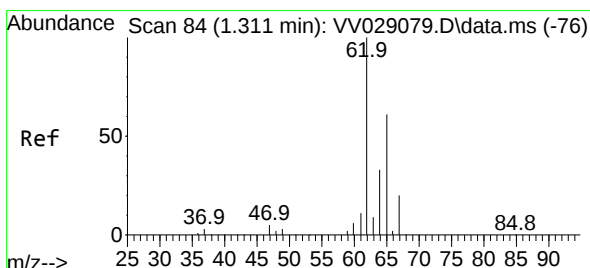
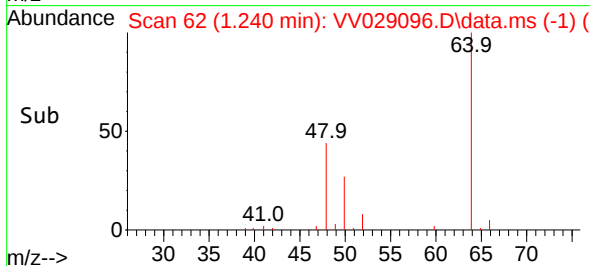
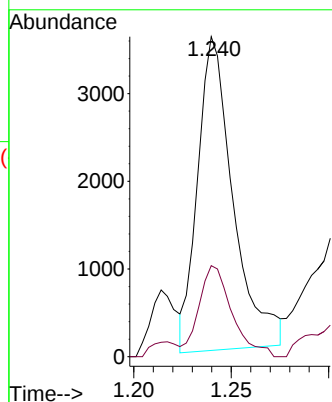
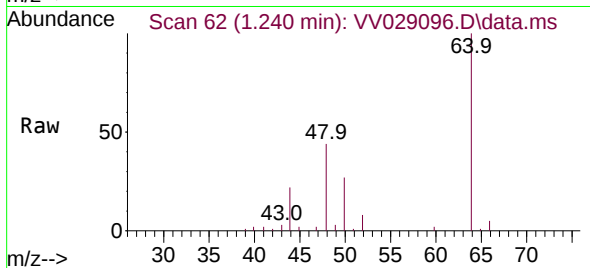
H46E1

Tgt Ion: 50 Resp: 4536

Ion Ratio Lower Upper

50 100

52 28.4 23.7 43.9



#5

Vinyl chloride

Concen: 5.717 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV029096.D

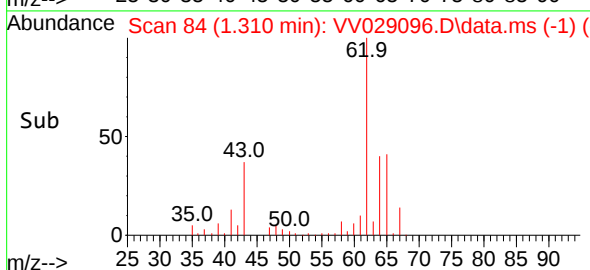
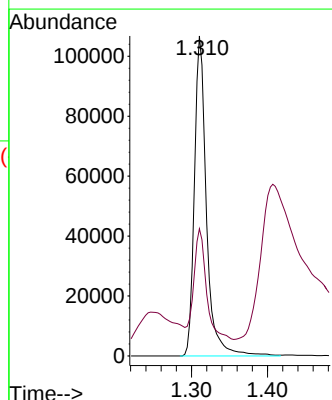
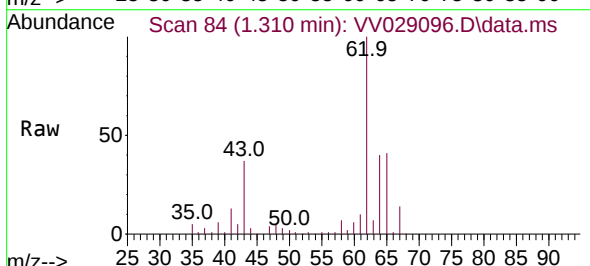
Acq: 18 Nov 2022 04:38

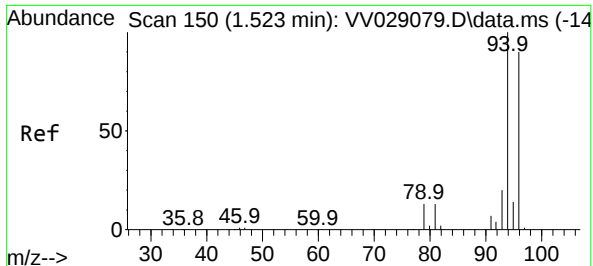
Tgt Ion: 62 Resp: 117659

Ion Ratio Lower Upper

62 100

64 39.7 22.8 42.4

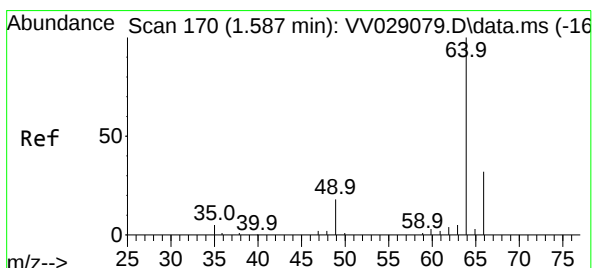
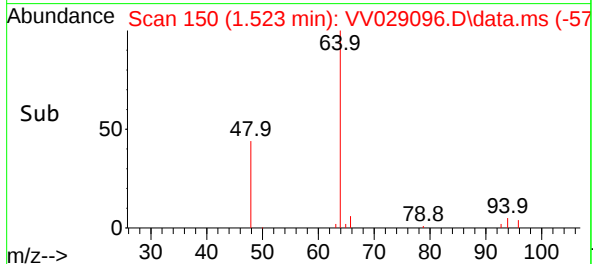
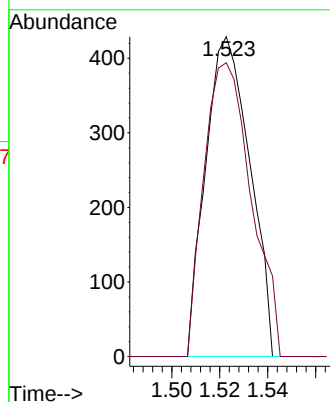
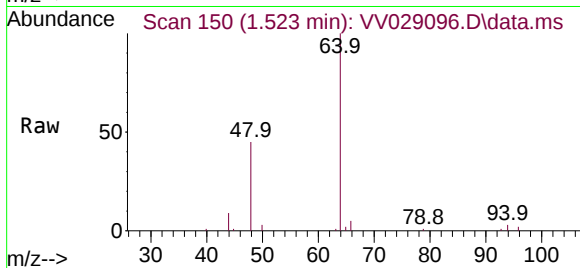




#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.523 min Scan# 114
Delta R.T. -0.000 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

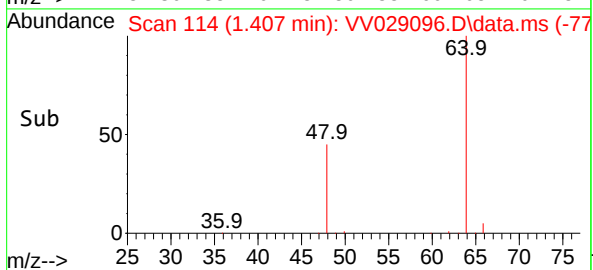
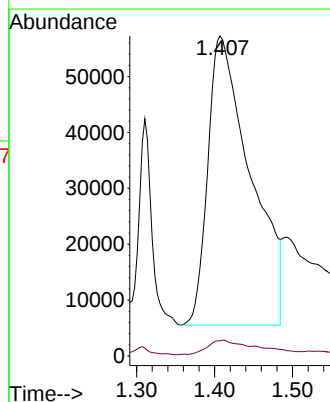
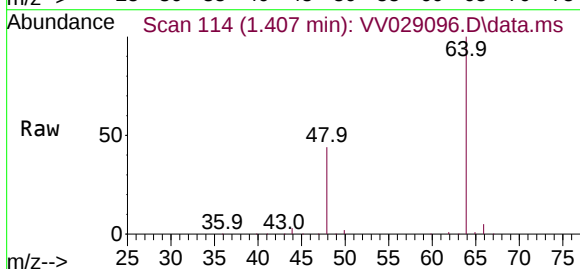
Instrument :
MSVOA_V
ClientSampleId :
H46E1

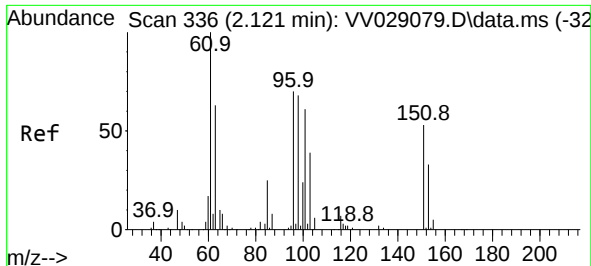
Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 91.8 68.5 127.3



#8
Chloroethane
Concen: 16.316 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.180 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Tgt Ion: 64 Resp: 197298
Ion Ratio Lower Upper
64 100
66 4.7 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.193 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV029096.D

Acq: 18 Nov 2022 04:38

Instrument :

MSVOA_V

ClientSampleId :

H46E1

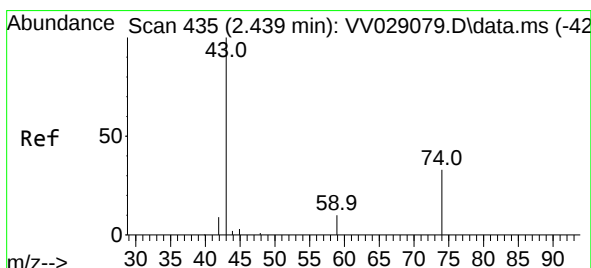
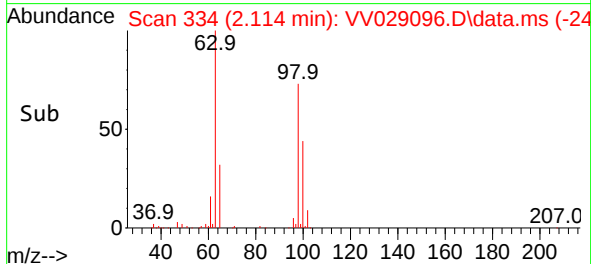
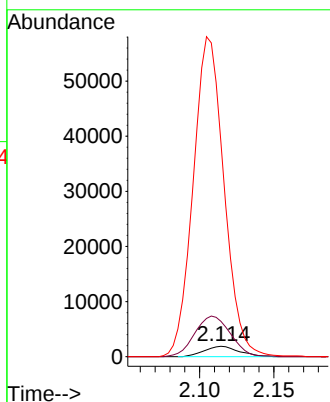
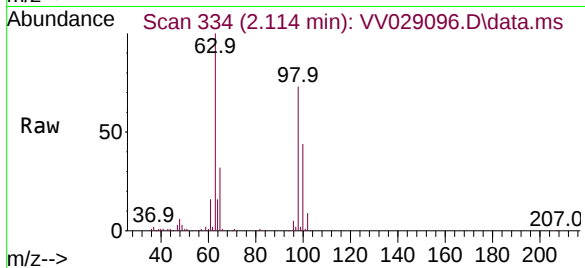
Tgt Ion: 96 Resp: 3052

Ion Ratio Lower Upper

96 100

61 341.0 104.2 193.4#

63 2067.6 75.9 140.9#



#15

Methyl Acetate

Concen: 0.247 ug/L

RT: 2.487 min Scan# 450

Delta R.T. 0.048 min

Lab File: VV029096.D

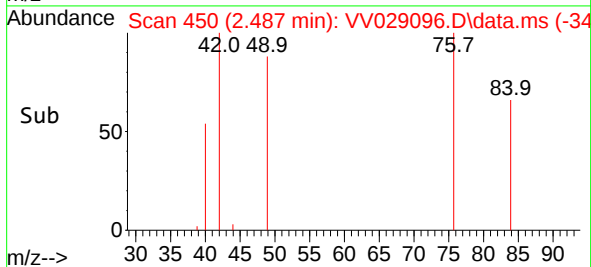
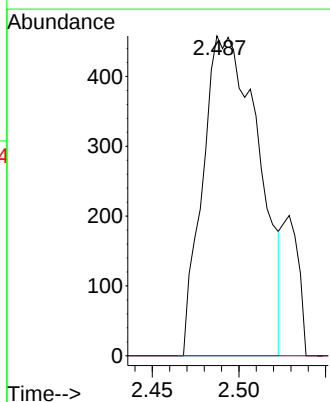
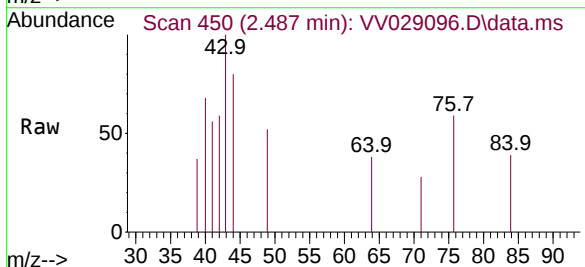
Acq: 18 Nov 2022 04:38

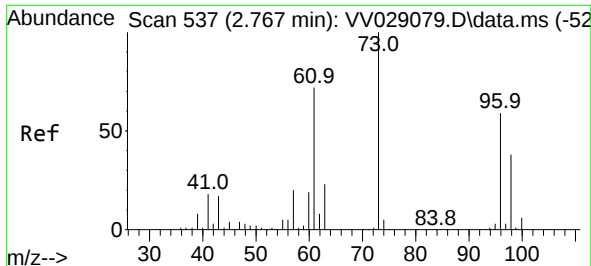
Tgt Ion: 43 Resp: 1025

Ion Ratio Lower Upper

43 100

74 0.0 24.6 37.0#





#17

Methyl tert-butyl Ether

Concen: 36.975 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV029096.D

Acq: 18 Nov 2022 04:38

Instrument :

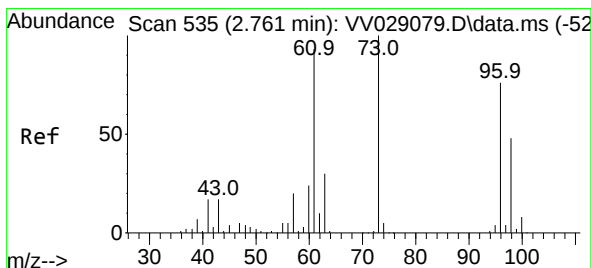
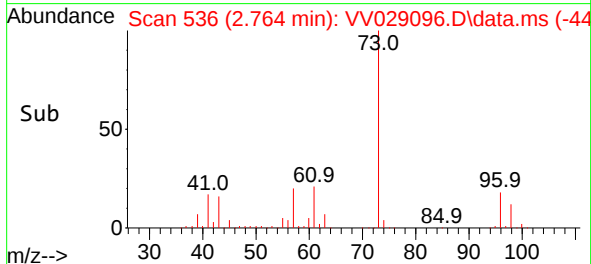
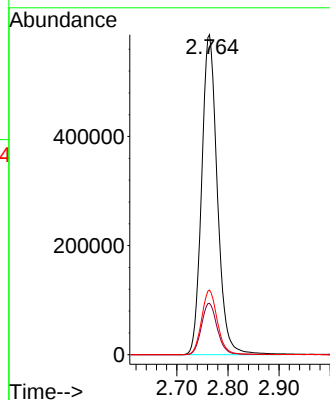
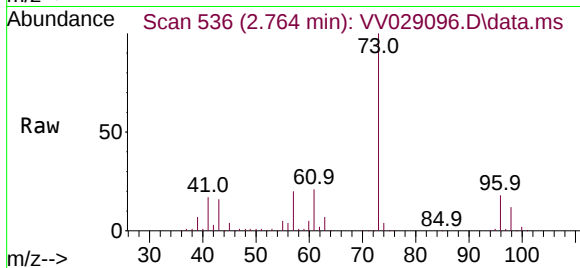
MSVOA_V

ClientSampleId :

H46E1

Tgt Ion: 73 Resp: 1251397

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: 11.950 ug/L

RT: 2.757 min Scan# 534

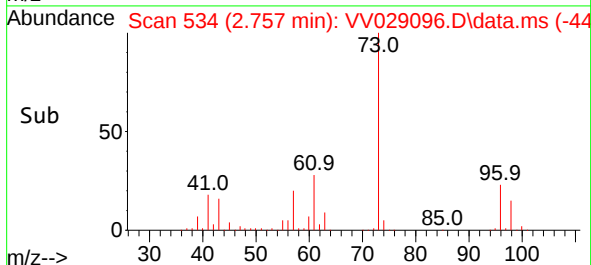
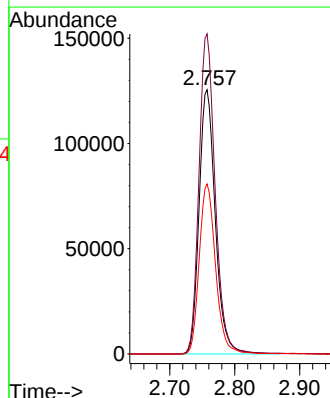
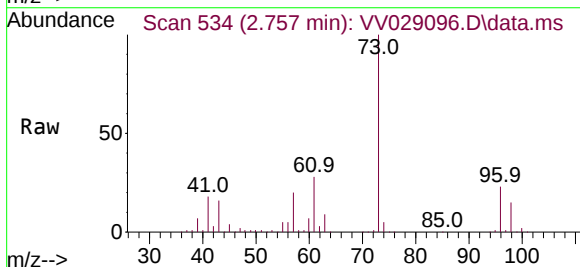
Delta R.T. -0.003 min

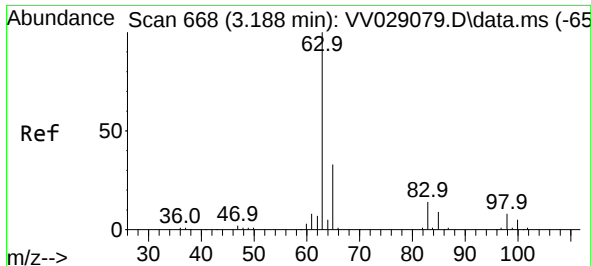
Lab File: VV029096.D

Acq: 18 Nov 2022 04:38

Tgt Ion: 96 Resp: 218795

Ion	Ratio	Lower	Upper
96	100		
61	121.1	91.8	170.6
98	64.3	46.4	86.2

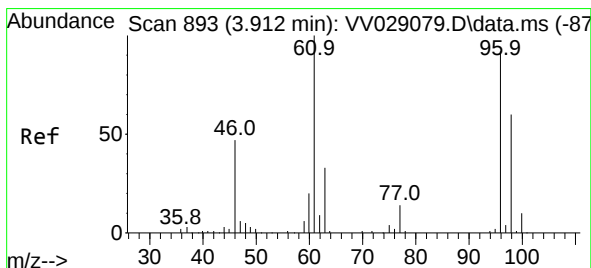
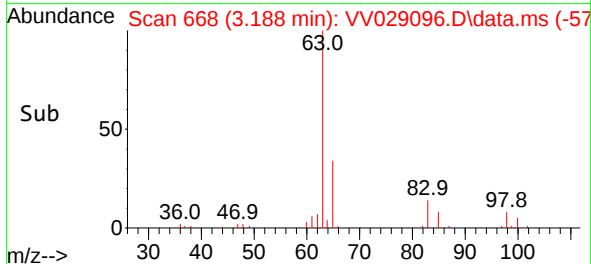
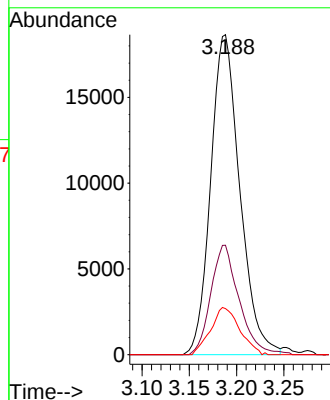
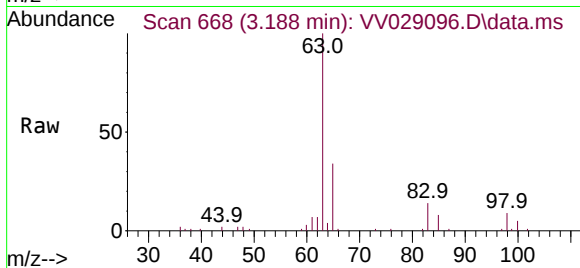




#19
1,1-Dichloroethane
Concen: 1.335 ug/L
RT: 3.188 min Scan# 609
Delta R.T. -0.000 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

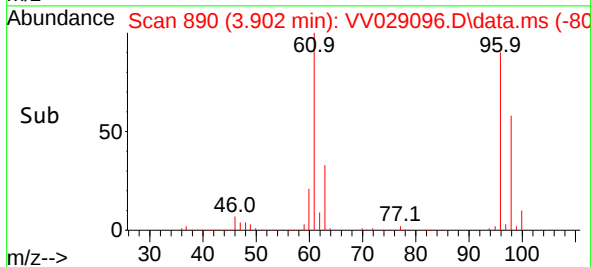
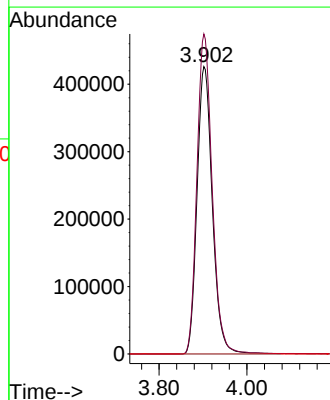
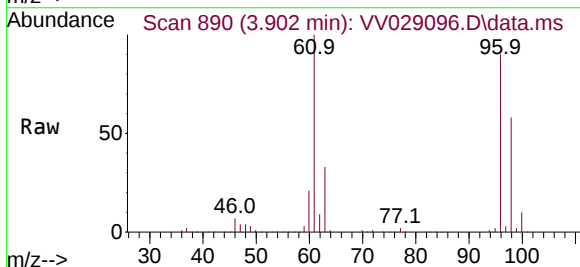
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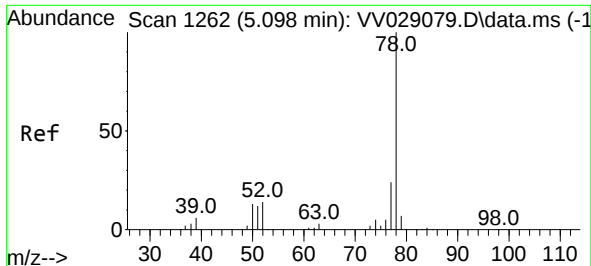
Tgt Ion:	63	Resp:	39969
Ion	Ratio	Lower	Upper
63	100		
65	34.2	23.0	42.6
83	14.4	9.4	17.6



#22
cis-1,2-Dichloroethene
Concen: 55.339 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.010 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Tgt Ion:	96	Resp:	1030048
Ion	Ratio	Lower	Upper
96	100		
61	111.4	82.3	152.9
68	0.0	0.0	0.0

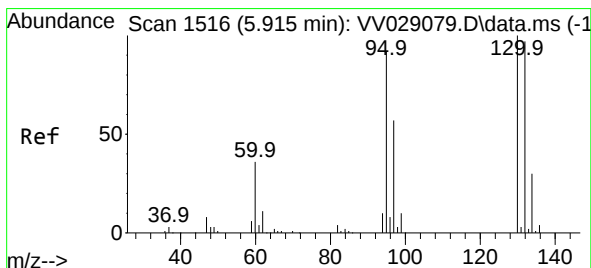
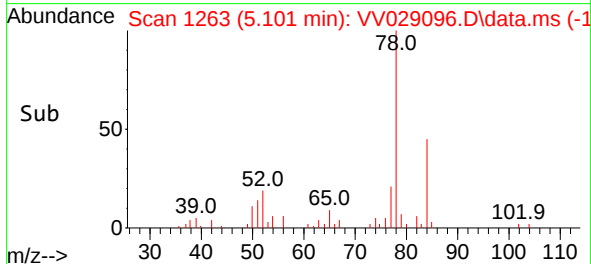
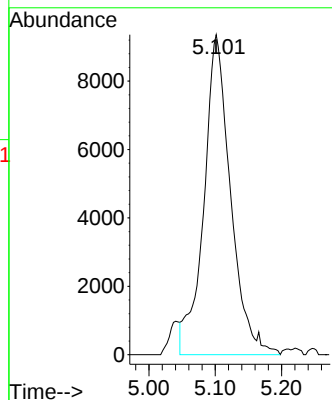
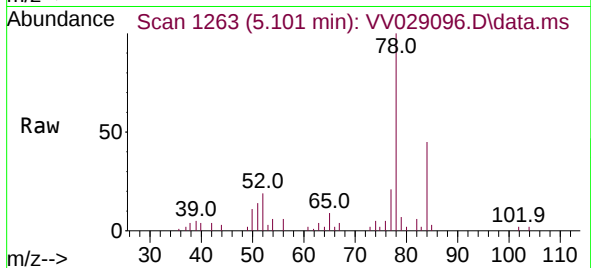




#33
Benzene
Concen: 0.361 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

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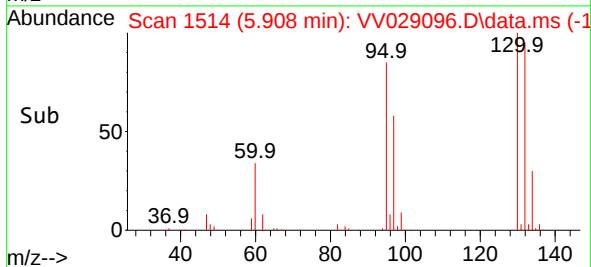
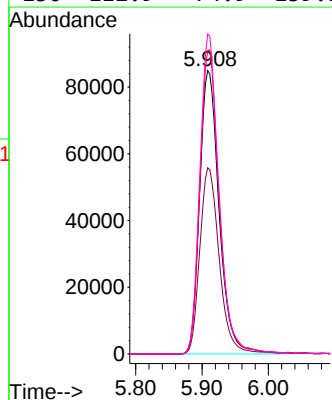
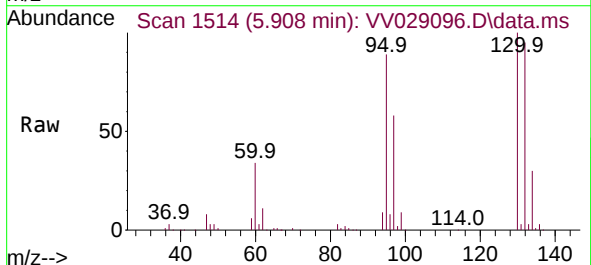
Tgt Ion: 78 Resp: 26174

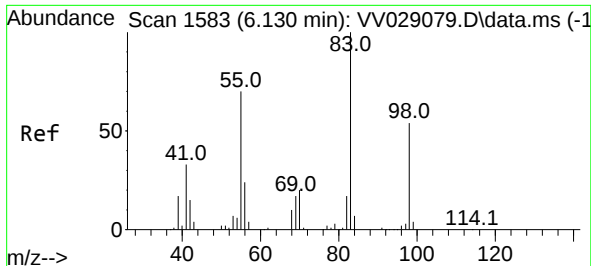


#34
Trichloroethene
Concen: 9.371 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Tgt Ion: 95 Resp: 173726

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.6	84.8
132	107.1	69.1	128.3
130	112.9	74.9	139.1

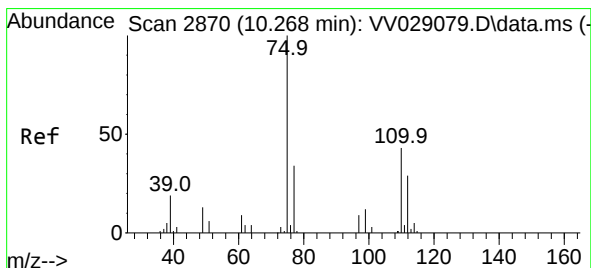
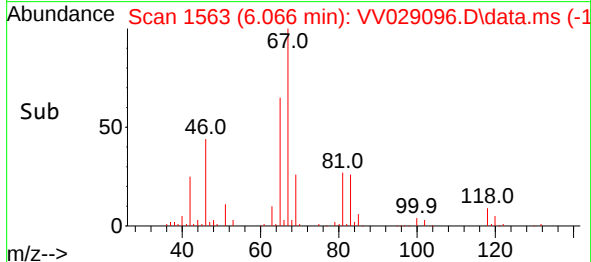
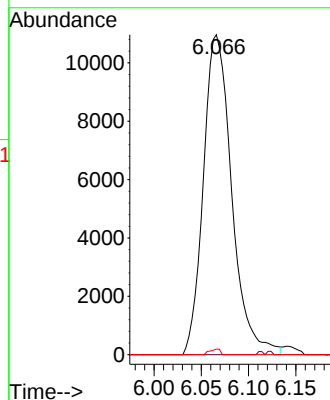
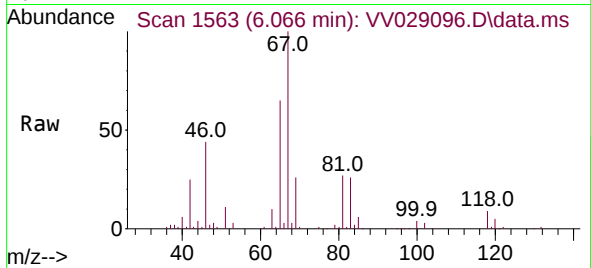




#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.064 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Instrument :
MSVOA_V
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Tgt Ion: 83 Resp: 22886
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 0.6 38.2 57.2#



#61
1,2,3-Trichloropropane
Concen: 1.482 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029096.D
Acq: 18 Nov 2022 04:38

Tgt Ion: 75 Resp: 11432
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 2.5 32.6 48.8#

