

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028311.D
 Acq On : 04 Oct 2022 04:30
 Operator : SY/MD
 Sample : N4866-10DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:18:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

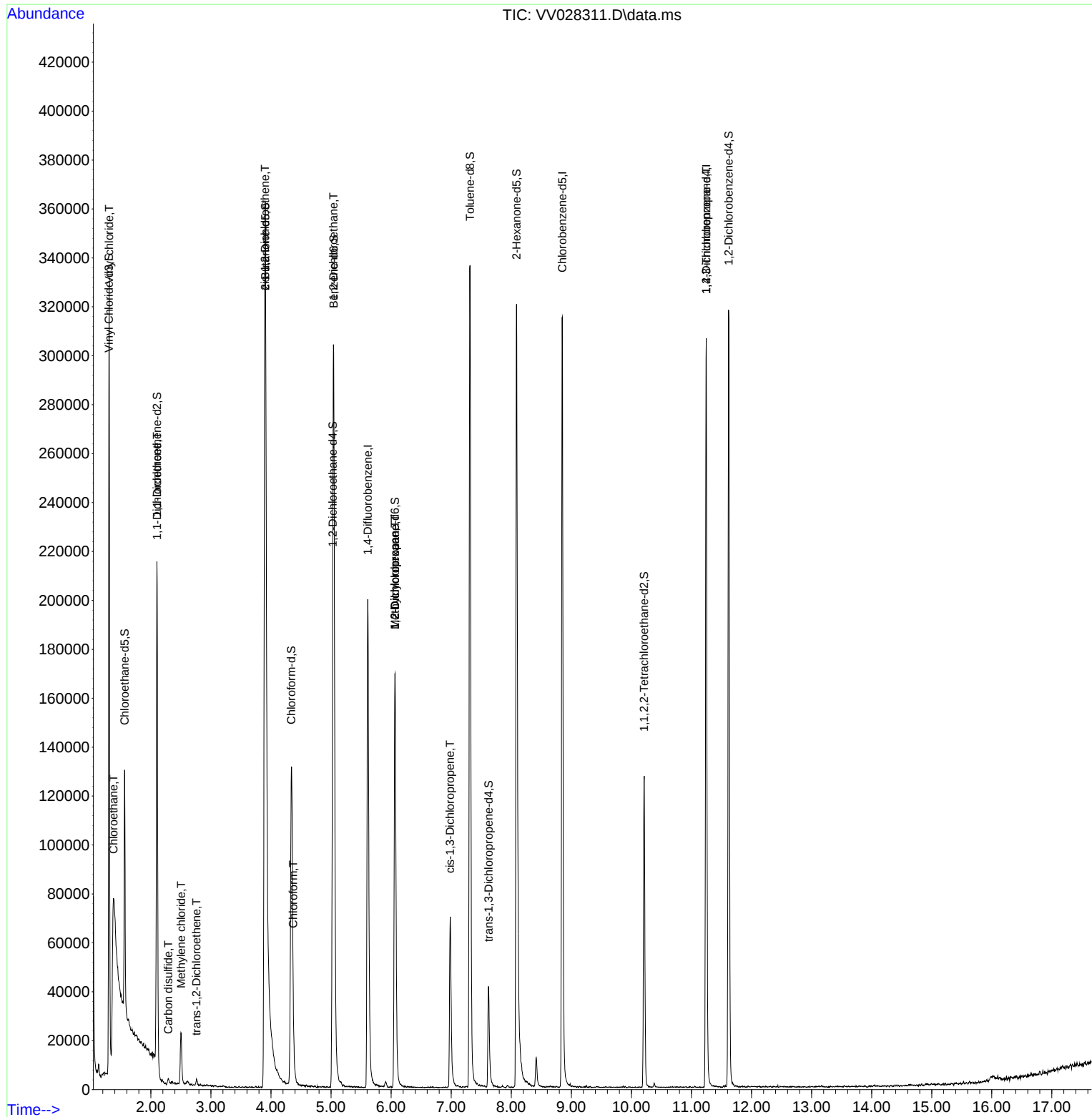
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	184832	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	190330	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	88318	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71170	5.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.400%	
7) Chloroethane-d5	1.564	69	63068	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 107.200%	
11) 1,1-Dichloroethene-d2	2.101	63	103577	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 79.200%	
20) 2-Butanone-d5	3.905	46	151998	64.686	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 129.380%	
24) Chloroform-d	4.339	84	142443	5.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.200%	
26) 1,2-Dichloroethane-d4	5.027	65	66579	5.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 114.200%	
32) Benzene-d6	5.043	84	290987	5.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 111.400%	
36) 1,2-Dichloropropane-d6	6.066	67	87552	5.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 117.000%	
41) Toluene-d8	7.313	98	239326	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 99.600%	
43) trans-1,3-Dichloroprop...	7.622	79	27452	4.812	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 96.200%	
46) 2-Hexanone-d5	8.088	63	125268	53.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 107.300%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	63803	5.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 112.400%	
66) 1,2-Dichlorobenzene-d4	11.619	152	89662	5.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 118.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	143379	9.037	ug/L	99
8) Chloroethane	1.378	64	271847	25.710	ug/L #	49
12) 1,1-Dichloroethene	2.104	96	1164	0.088	ug/L #	1
14) Carbon disulfide	2.288	76	3927	0.095	ug/L	96
16) Methylene chloride	2.503	84	9389	0.629	ug/L	91
18) trans-1,2-Dichloroethene	2.757	96	967	0.070	ug/L	86
22) cis-1,2-Dichloroethene	3.902	96	182194	13.101	ug/L	92
25) Chloroform	4.368	83	5822	0.226	ug/L	90
27) 1,2-Dichloroethane	5.040	62	1573	0.114	ug/L #	76
35) Methylcyclohexane	6.063	83	21669	0.936	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	9060	0.690	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1990	0.106	ug/L #	53
61) 1,2,3-Trichloropropane	11.246	75	9201	1.350	ug/L #	66

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

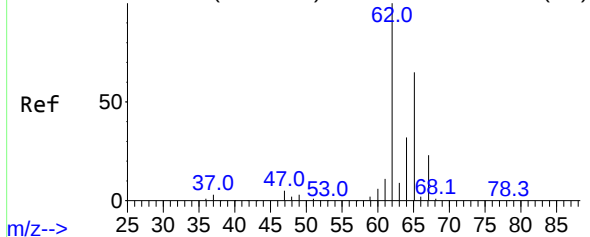
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QLast Update : Tue Oct 04 02:28:45 2022
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Abundance Scan 82 (1.304 min): VV028271.D\data.ms (-74)

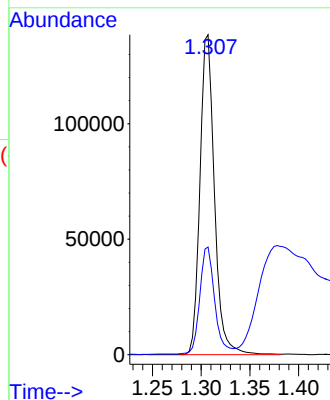
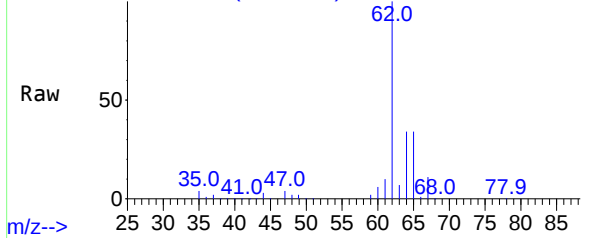


#5
Vinyl chloride
Concen: 9.037 ug/L
RT: 1.307 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

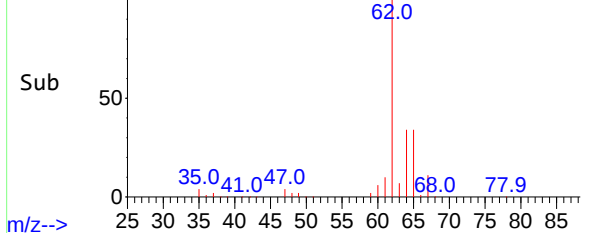
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 143379
Ion Ratio Lower Upper
62 100
64 33.6 23.0 42.8

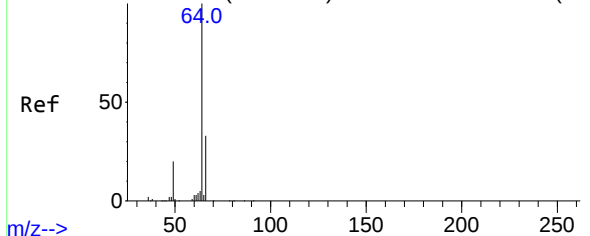
Abundance Scan 83 (1.307 min): VV028311.D\data.ms



Abundance Scan 83 (1.307 min): VV028311.D\data.ms (-1)



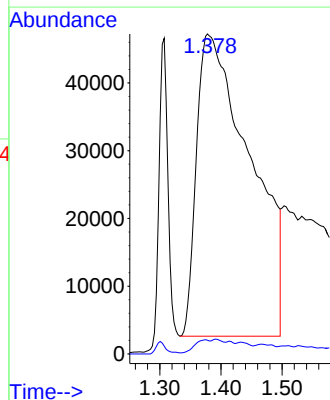
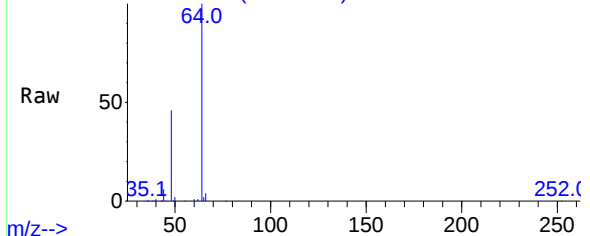
Abundance Scan 167 (1.577 min): VV028271.D\data.ms (-16)



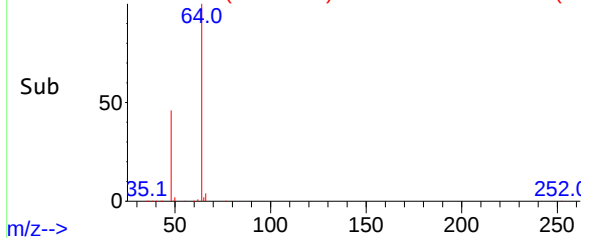
#8
Chloroethane
Concen: 25.710 ug/L
RT: 1.378 min Scan# 105
Delta R.T. -0.199 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

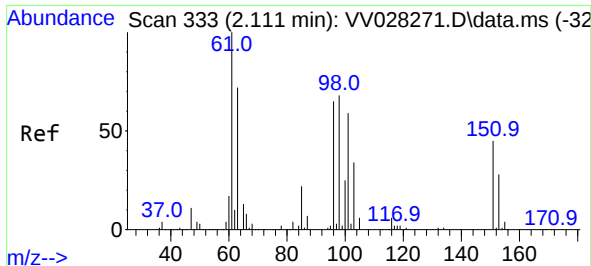
Tgt Ion: 64 Resp: 271847
Ion Ratio Lower Upper
64 100
66 4.3 23.0 42.8#

Abundance Scan 105 (1.378 min): VV028311.D\data.ms



Abundance Scan 105 (1.378 min): VV028311.D\data.ms (-74)





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.104 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV028311.D

Acq: 04 Oct 2022 04:30

Instrument :

MSVOA_V

ClientSampleId :

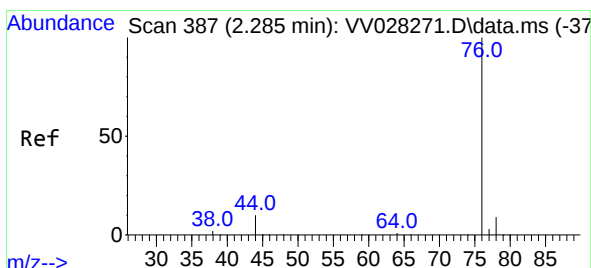
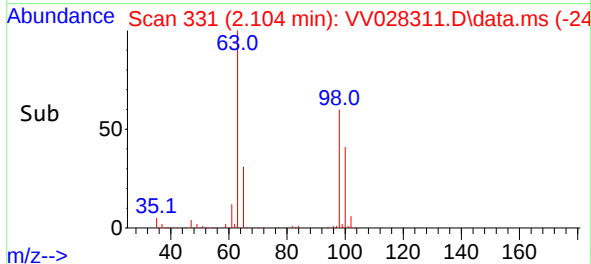
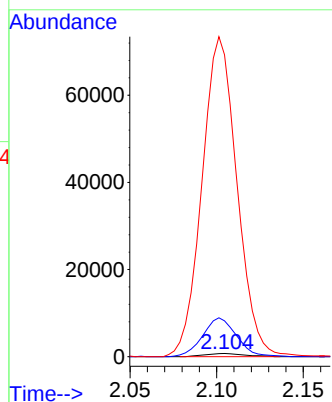
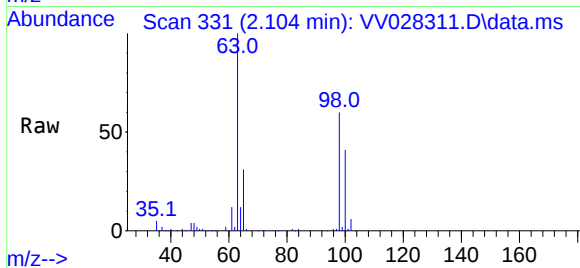
Tgt Ion: 96 Resp: 1164

Ion Ratio Lower Upper

96 100

61 1140.0 128.3 238.3#

63 9587.8 112.7 209.3#



#14

Carbon disulfide

Concen: 0.095 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028311.D

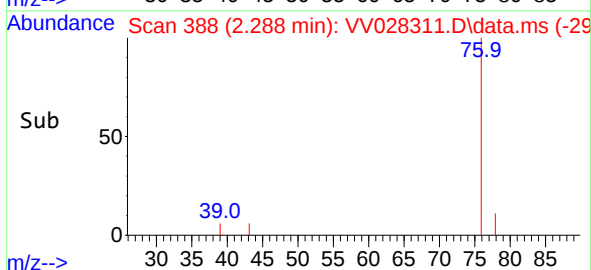
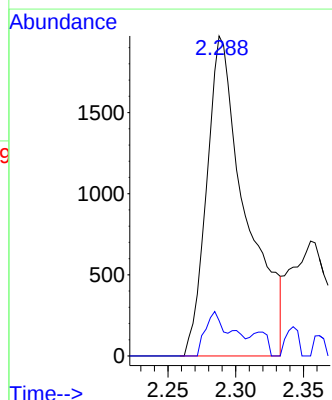
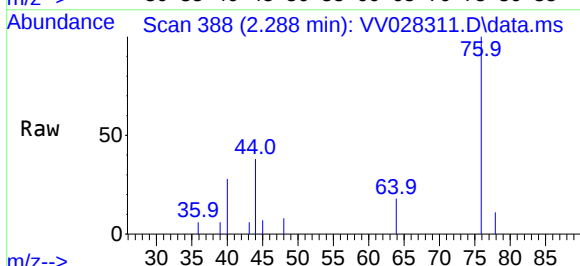
Acq: 04 Oct 2022 04:30

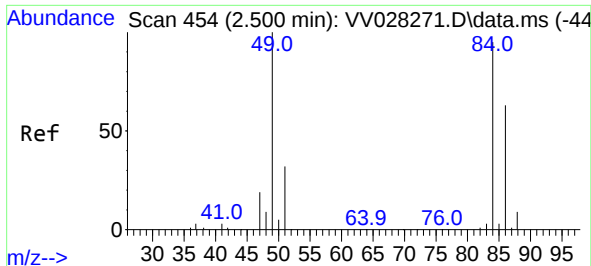
Tgt Ion: 76 Resp: 3927

Ion Ratio Lower Upper

76 100

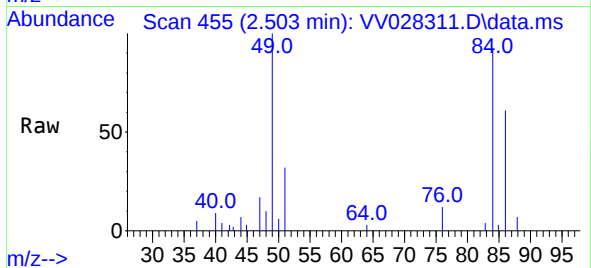
78 11.1 7.6 11.4





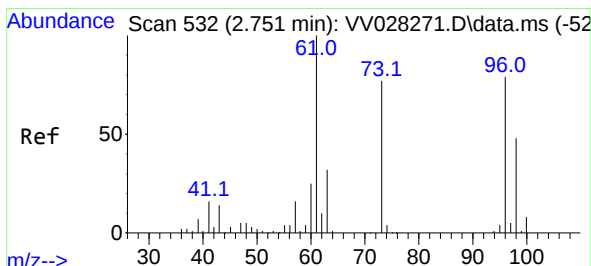
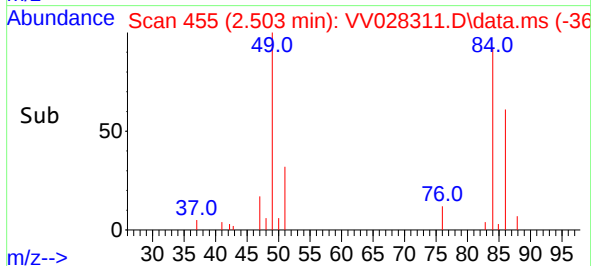
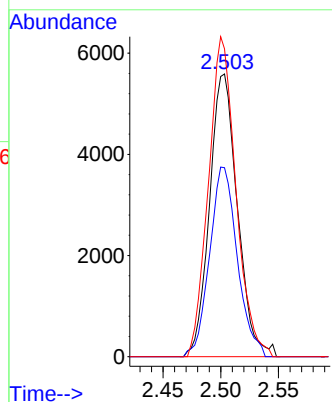
#16
Methylene chloride
Concen: 0.629 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 9389

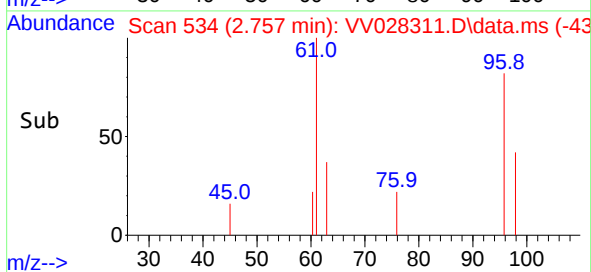
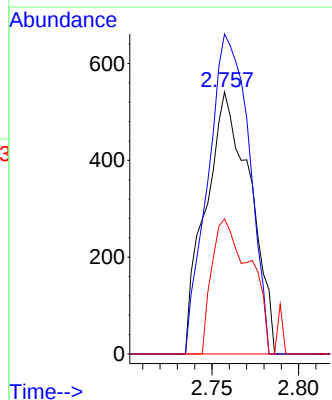
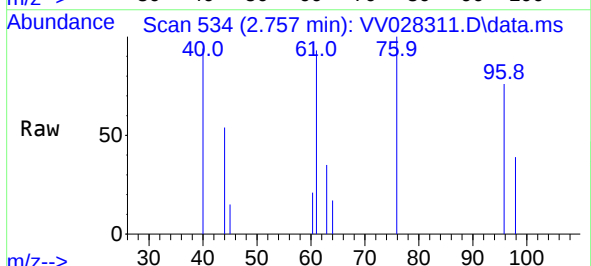
Ion	Ratio	Lower	Upper
84	100		
86	66.8	46.8	86.8
49	108.9	87.5	162.5

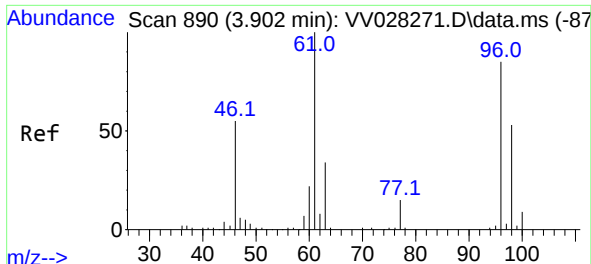


#18
trans-1,2-Dichloroethene
Concen: 0.070 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

Tgt Ion: 96 Resp: 967

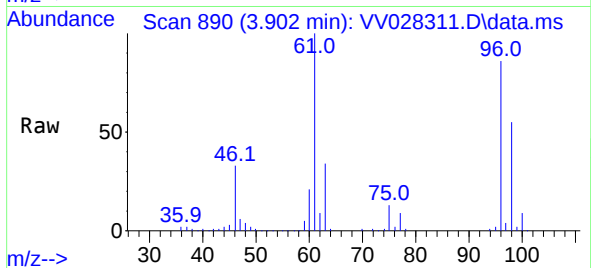
Ion	Ratio	Lower	Upper
96	100		
61	122.2	96.2	178.6
98	51.6	45.7	84.9





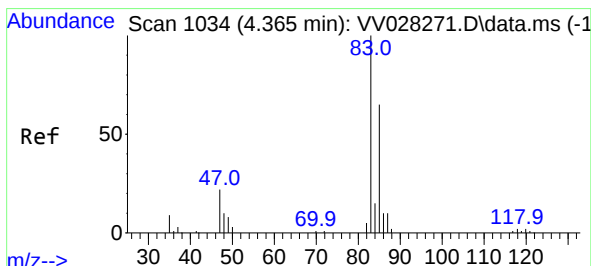
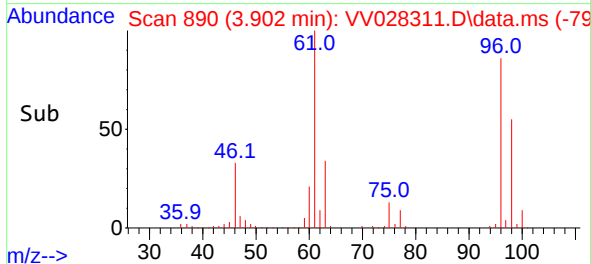
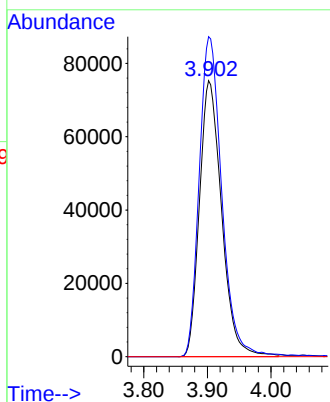
#22
 cis-1,2-Dichloroethene
 Concen: 13.101 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV028311.D
 Acq: 04 Oct 2022 04:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 182194

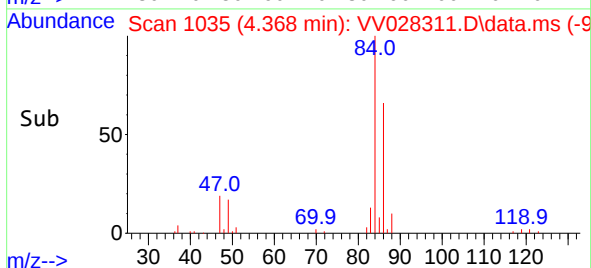
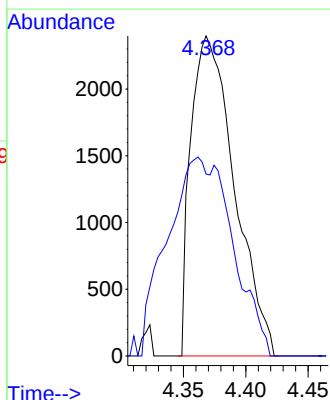
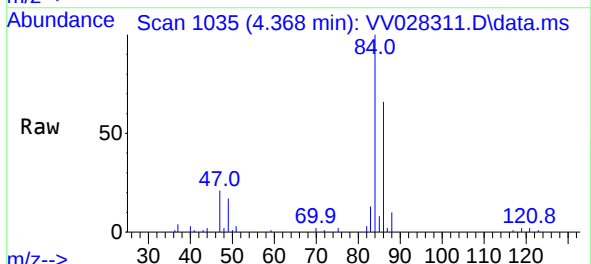
Ion	Ratio	Lower	Upper
96	100		
61	115.9	87.2	161.9
68	0.0	0.0	0.0

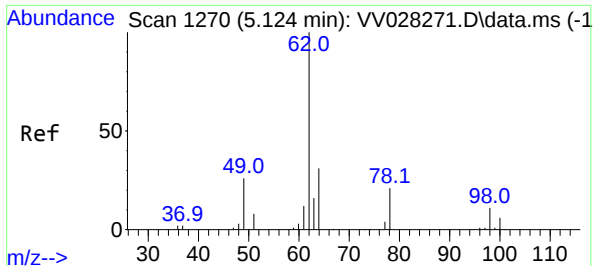


#25
 Chloroform
 Concen: 0.226 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VV028311.D
 Acq: 04 Oct 2022 04:30

Tgt Ion: 83 Resp: 5822

Ion	Ratio	Lower	Upper
83	100		
85	56.8	45.1	83.7

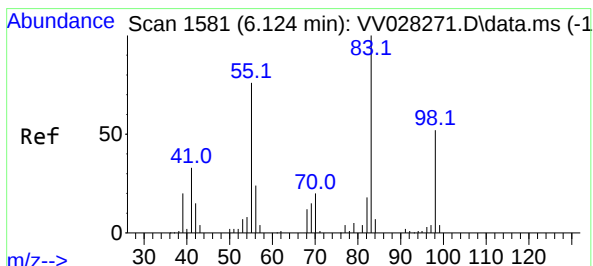
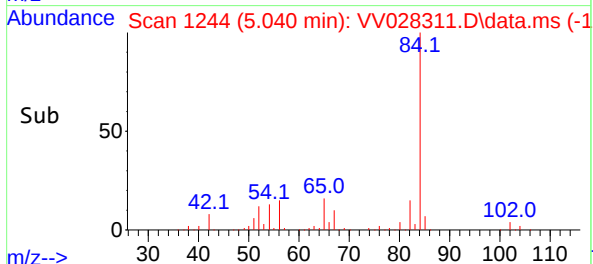
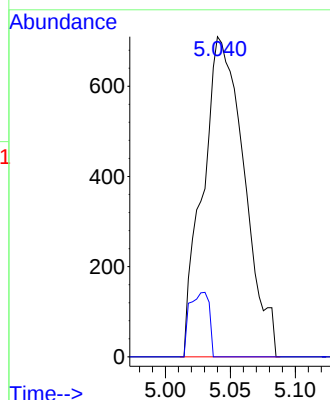
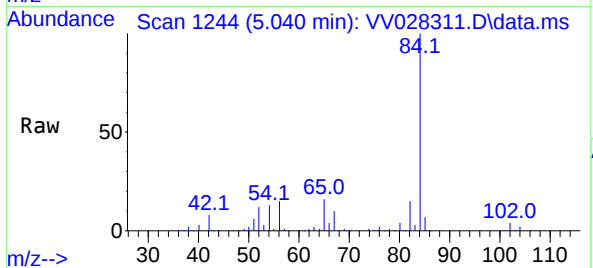




#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.087 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

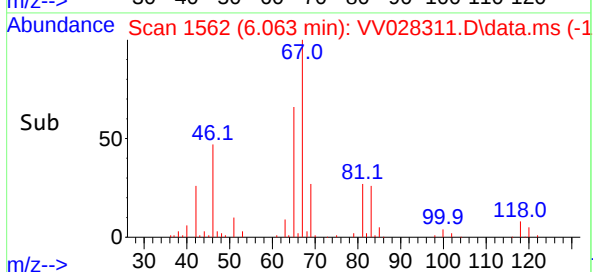
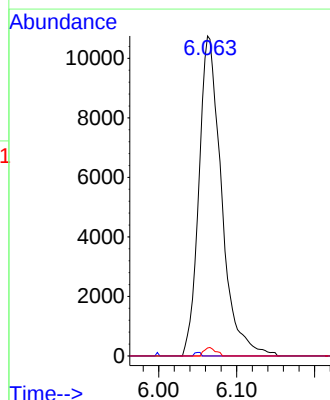
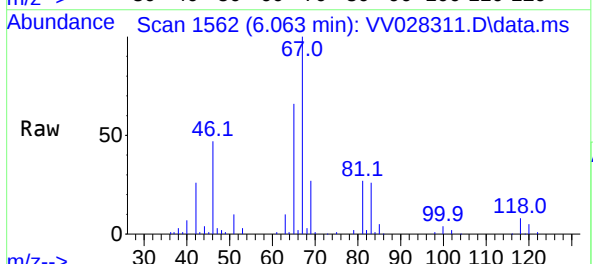
Instrument :
MSVOA_V
ClientSampleId :

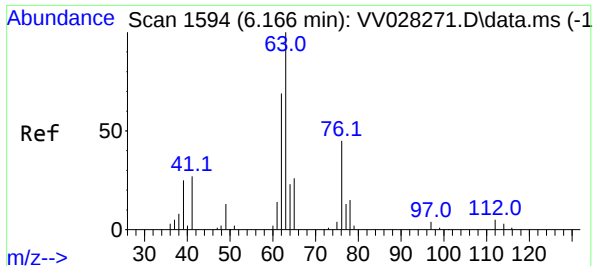
Tgt Ion: 62 Resp: 1573
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#35
Methylcyclohexane
Concen: 0.936 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

Tgt Ion: 83 Resp: 21669
Ion Ratio Lower Upper
83 100
55 0.3 64.7 97.1#
98 1.4 39.5 59.3#

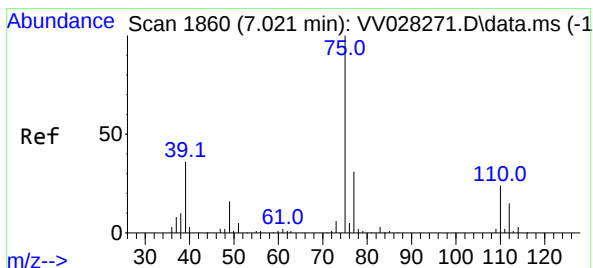
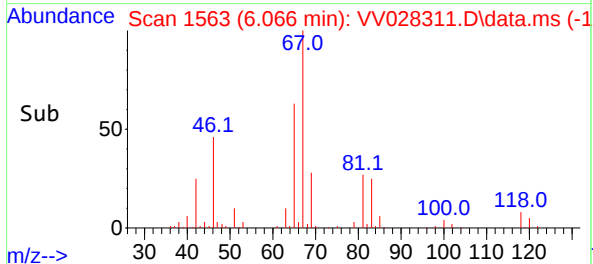
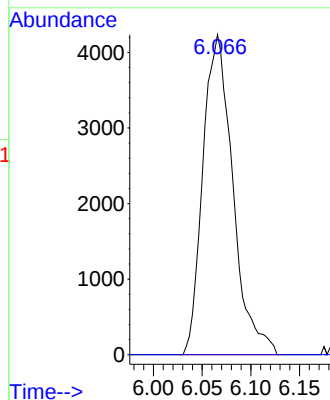
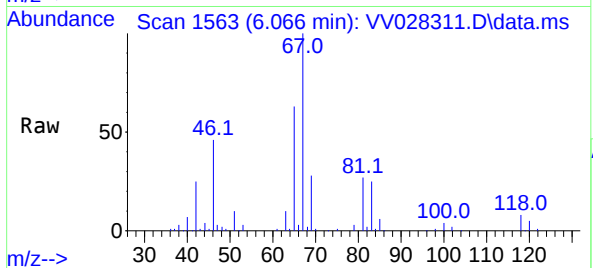




#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

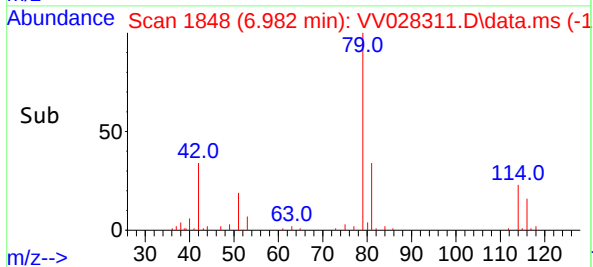
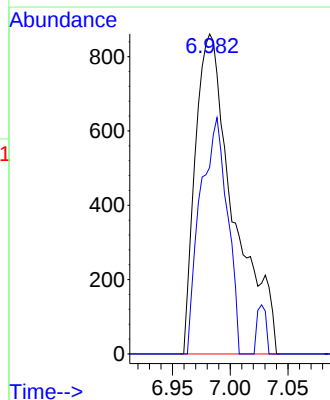
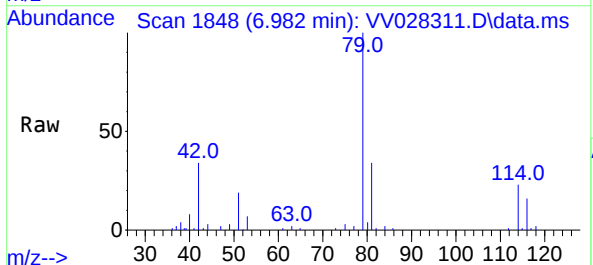
Instrument :
MSVOA_V
ClientSampleId :

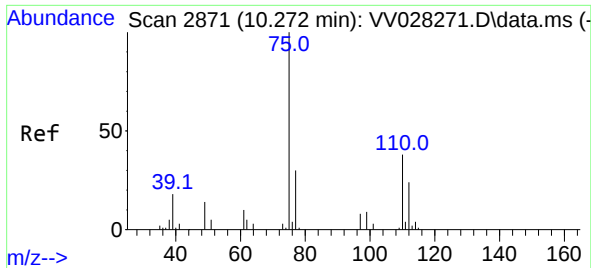
Tgt Ion: 63 Resp: 9060
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.042 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

Tgt Ion: 75 Resp: 1990
Ion Ratio Lower Upper
75 100
77 58.3 22.4 41.6#





#61
1,2,3-Trichloropropane
Concen: 1.350 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.975 min
Lab File: VV028311.D
Acq: 04 Oct 2022 04:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75	Resp:	9201
Ion Ratio	Lower	Upper
75	100	
77	30.9	26.7 40.1
110	1.6	30.1 45.1#

