

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
 Data File : VV023606.D
 Acq On : 18 Nov 2021 16:00
 Operator : SY/MD
 Sample : M4627-15DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:14:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

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

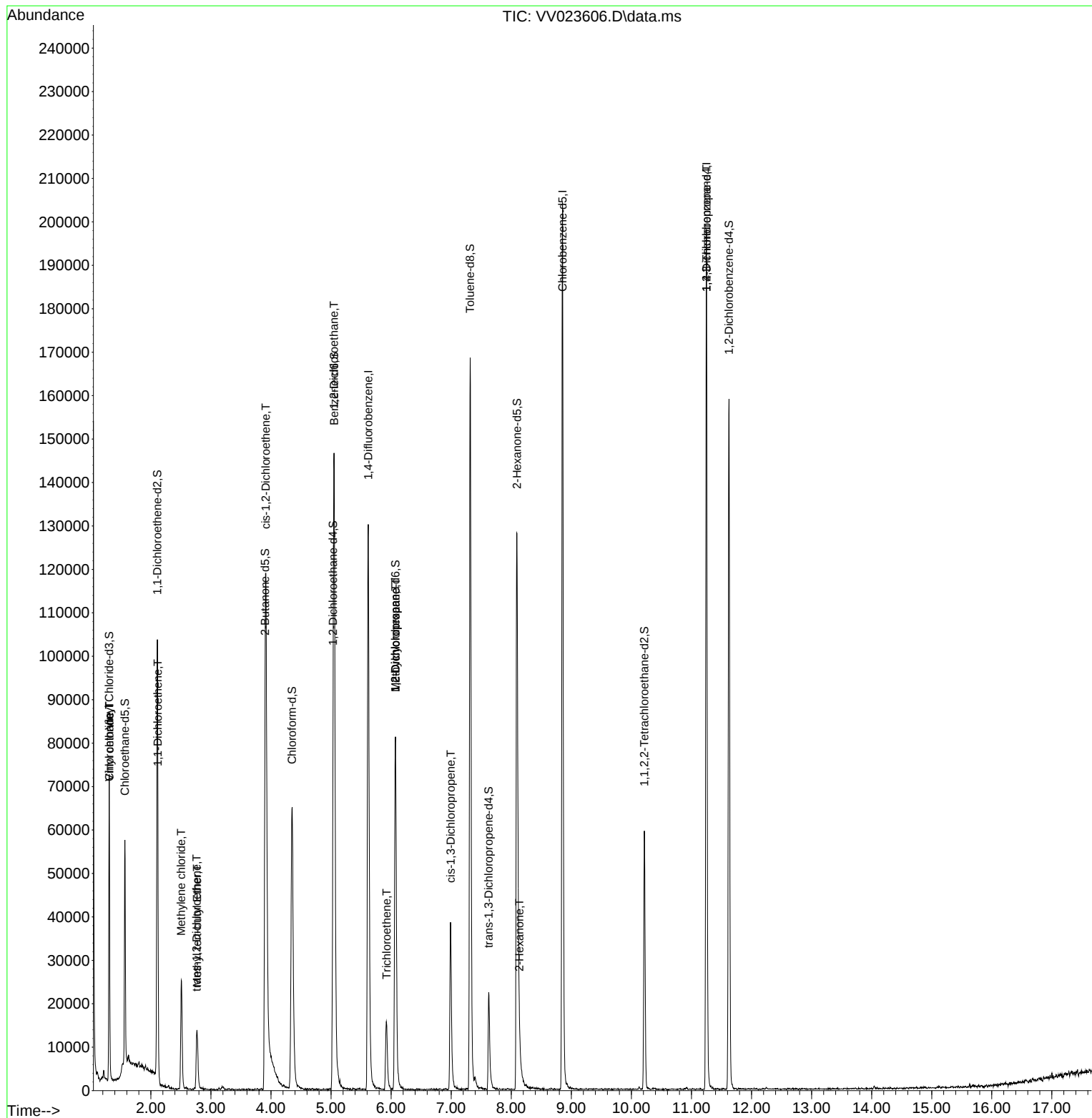
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115177	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37638	5.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.400%		
7) Chloroethane-d5	1.568	69	29722	5.054	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 101.000%		
11) 1,1-Dichloroethene-d2	2.108	63	50746	3.757	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 75.200%		
20) 2-Butanone-d5	3.902	46	45136	36.310	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 72.620%		
24) Chloroform-d	4.349	84	67890	4.415	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 88.400%		
26) 1,2-Dichloroethane-d4	5.034	65	32355	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.600%		
32) Benzene-d6	5.053	84	132495	4.532	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 90.600%		
36) 1,2-Dichloropropane-d6	6.072	67	38859	4.516	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 90.400%		
41) Toluene-d8	7.317	98	112974	4.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.400%		
43) trans-1,3-Dichloroprop...	7.625	79	14553	4.460	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.200%		
46) 2-Hexanone-d5	8.095	63	50792	42.307	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 84.620%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27442	4.434	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 88.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	42302	4.808	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 96.200%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4514	0.473	ug/L #	69
8) Chloroethane	1.310	64	1964	0.357	ug/L	97
12) 1,1-Dichloroethene	2.117	96	530	0.077	ug/L #	1
16) Methylene chloride	2.506	84	10770	1.075	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	9985	0.660	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	1861	0.220	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	57827	7.117	ug/L #	81
27) 1,2-Dichloroethane	5.050	62	935	0.116	ug/L #	72
34) Trichloroethene	5.924	95	6243	0.737	ug/L	89
35) Methylcyclohexane	6.072	83	10334	0.773	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4483	0.603	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1150	0.108	ug/L #	51
48) 2-Hexanone	8.136	43	2728	1.129	ug/L #	40
61) 1,2,3-Trichloropropane	11.249	75	5428	1.546	ug/L #	65

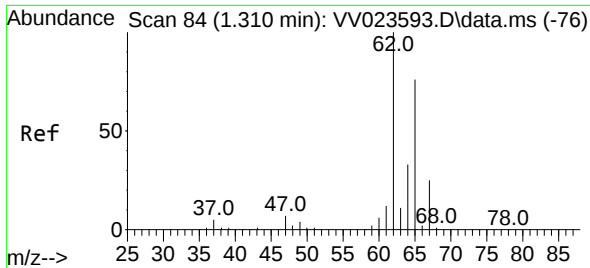
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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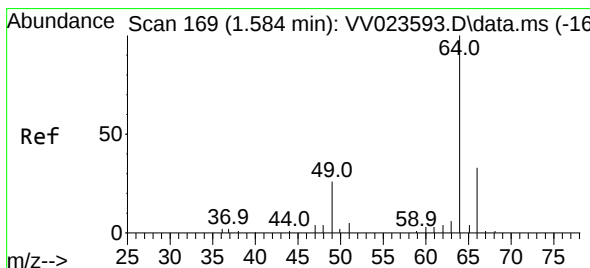
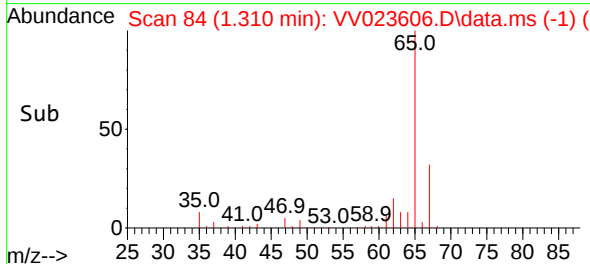
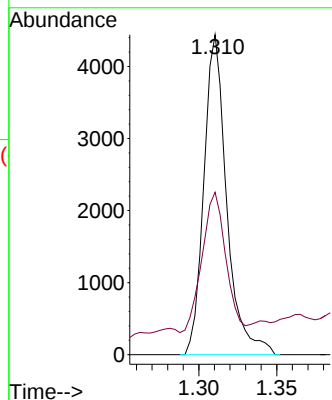
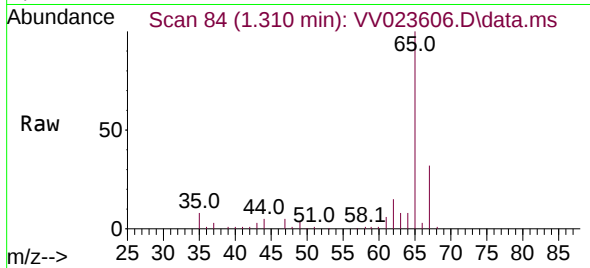




#5
 Vinyl chloride
 Concen: 0.473 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023606.D
 Acq: 18 Nov 2021 16:00

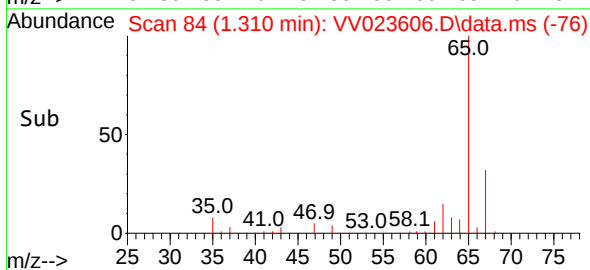
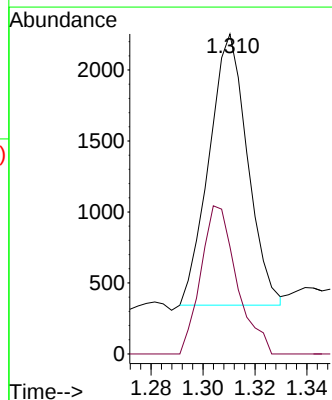
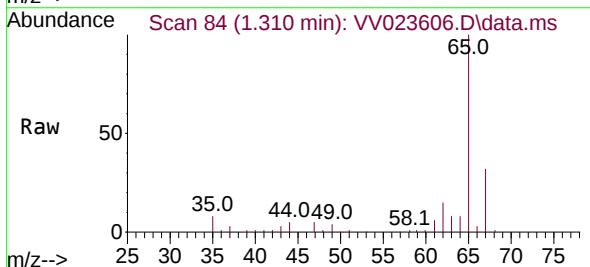
Instrument :
 MSVOA_V
 ClientSampleId :

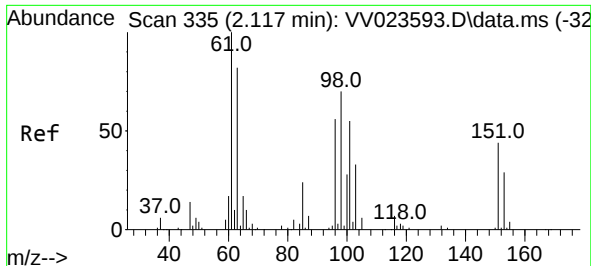
Tgt Ion: 62 Resp: 4514
 Ion Ratio Lower Upper
 62 100
 64 50.8 23.1 42.9#



#8
 Chloroethane
 Concen: 0.357 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV023606.D
 Acq: 18 Nov 2021 16:00

Tgt Ion: 64 Resp: 1964
 Ion Ratio Lower Upper
 64 100
 66 33.5 22.1 41.1





#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.117 min Scan# 311

Delta R.T. 0.000 min

Lab File: VV023606.D

Acq: 18 Nov 2021 16:00

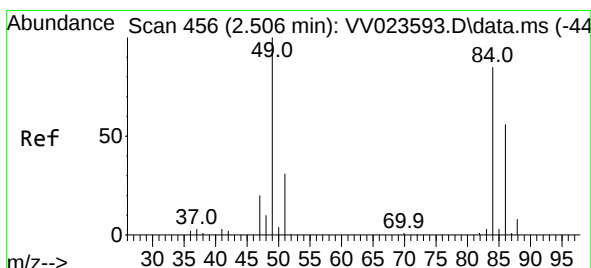
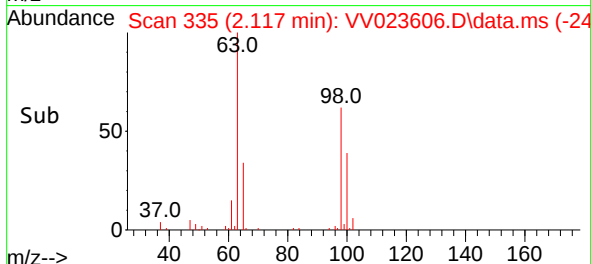
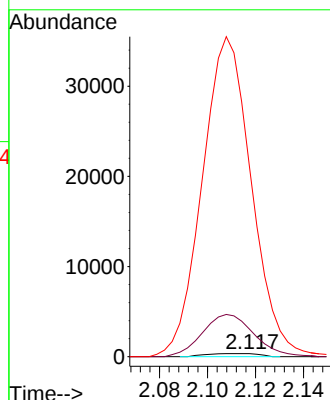
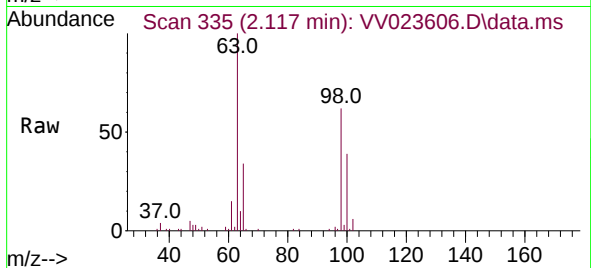
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 530

Ion	Ratio	Lower	Upper
96	100		
61	905.9	121.5	225.7#
63	6230.6	99.6	185.0#



#16

Methylene chloride

Concen: 1.075 ug/L

RT: 2.506 min Scan# 456

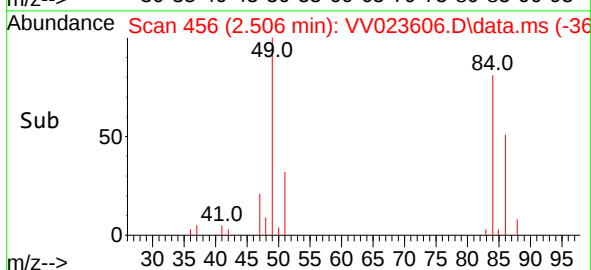
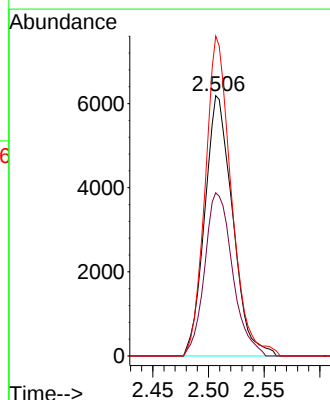
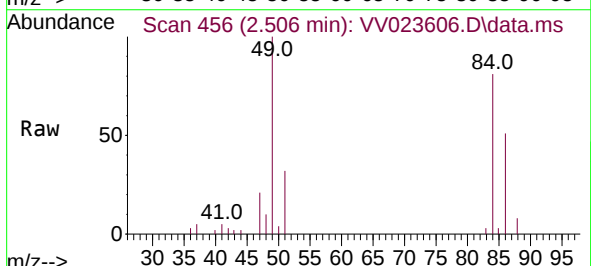
Delta R.T. 0.000 min

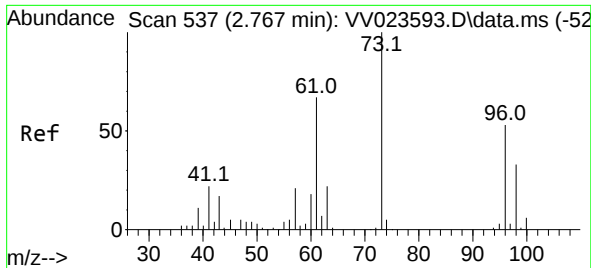
Lab File: VV023606.D

Acq: 18 Nov 2021 16:00

Tgt Ion: 84 Resp: 10770

Ion	Ratio	Lower	Upper
84	100		
86	62.7	42.3	78.5
49	123.0	79.7	148.1

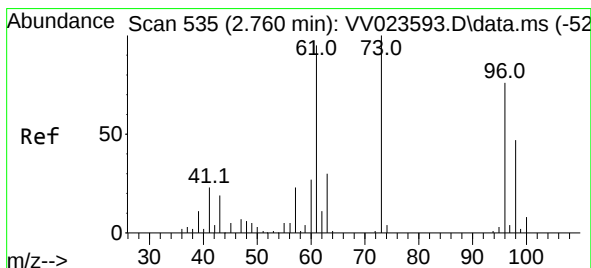
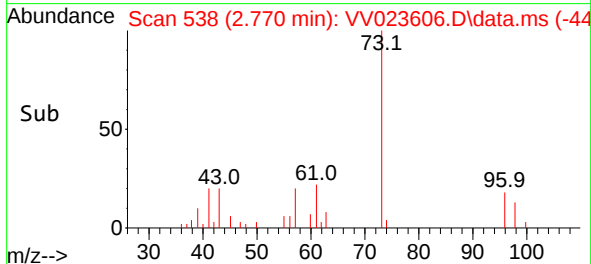
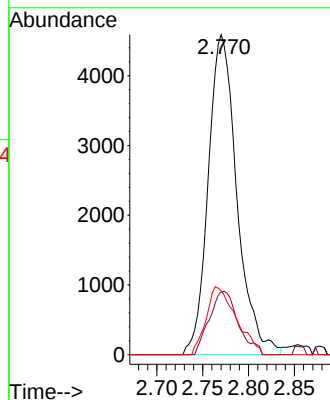
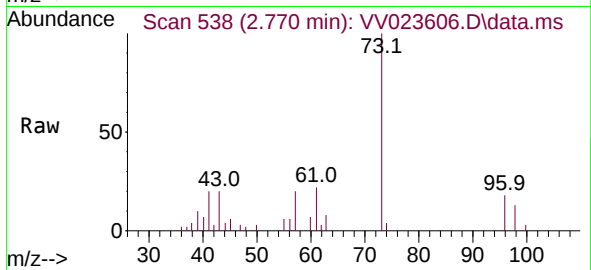




#17
Methyl tert-butyl Ether
Concen: 0.660 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023606.D
Acq: 18 Nov 2021 16:00

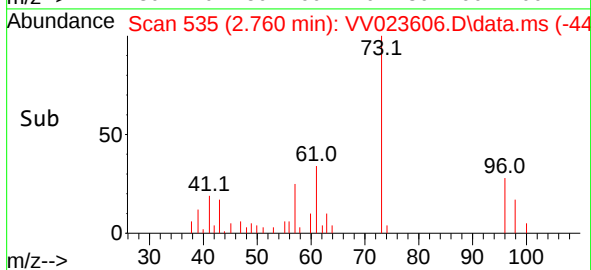
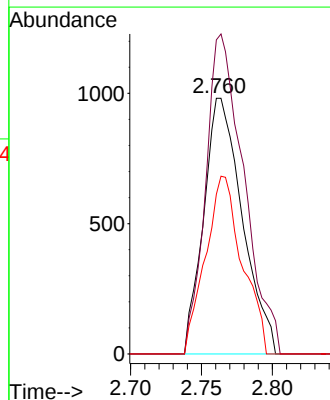
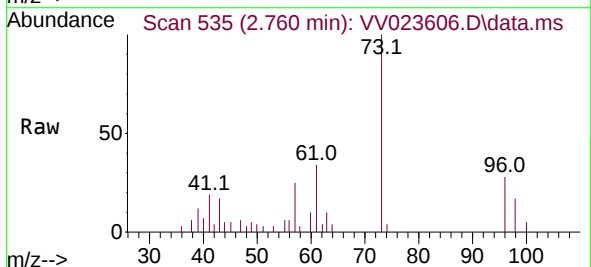
Instrument :
MSVOA_V
ClientSampleId :

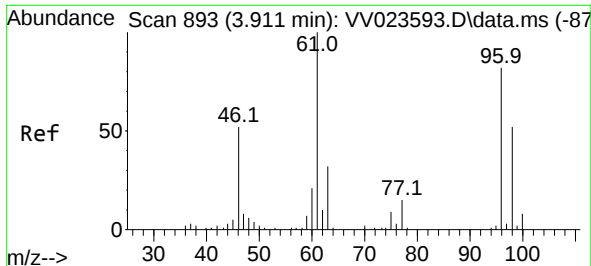
Tgt Ion: 73 Resp: 9985
Ion Ratio Lower Upper
73 100
43 19.9 17.4 26.0
57 22.0 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 0.220 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023606.D
Acq: 18 Nov 2021 16:00

Tgt Ion: 96 Resp: 1861
Ion Ratio Lower Upper
96 100
61 122.8 93.2 173.2
98 62.5 47.0 87.2

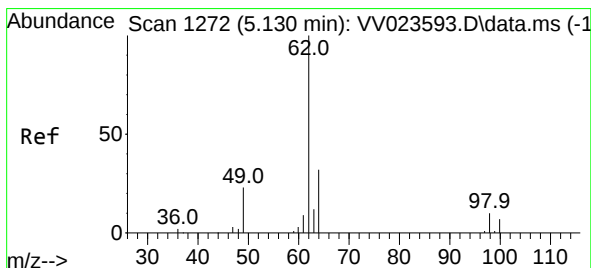
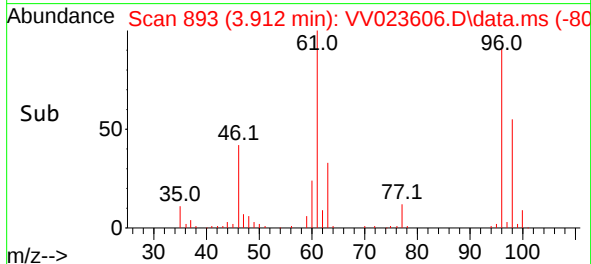
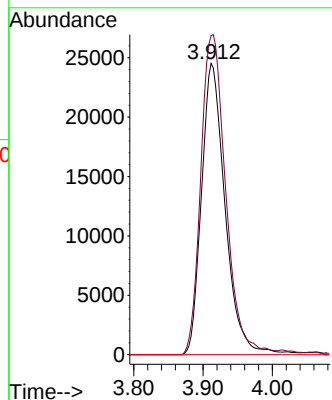
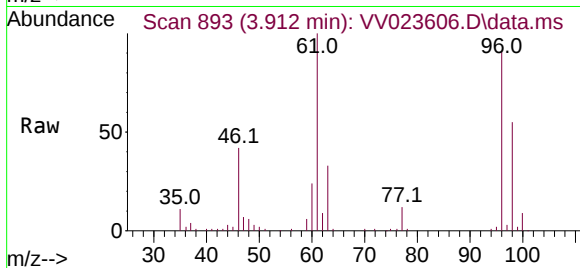




#22
 cis-1,2-Dichloroethene
 Concen: 7.117 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV023606.D
 Acq: 18 Nov 2021 16:00

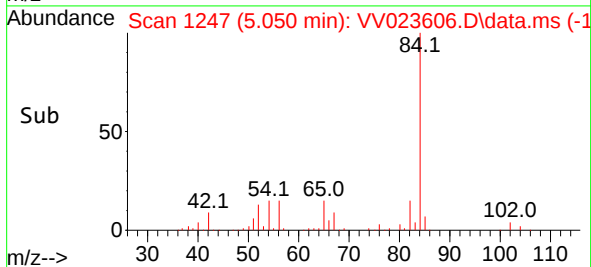
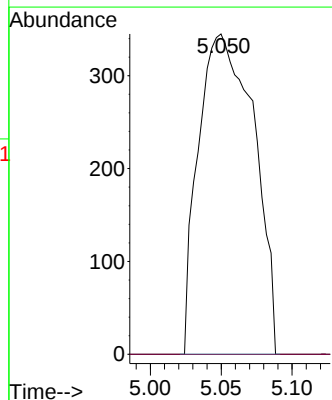
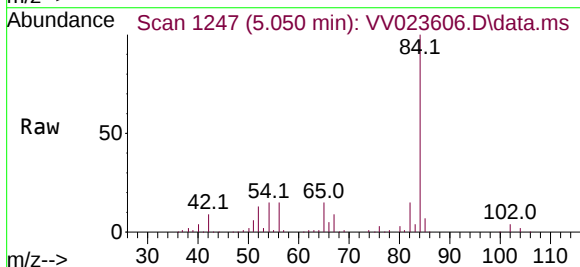
Instrument :
 MSVOA_V
 ClientSampleId :

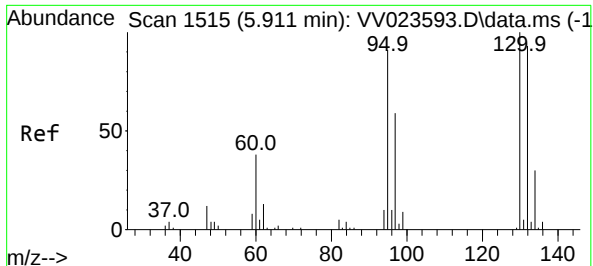
Tgt Ion: 96 Resp: 57827
 Ion Ratio Lower Upper
 96 100
 61 109.6 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.116 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.080 min
 Lab File: VV023606.D
 Acq: 18 Nov 2021 16:00

Tgt Ion: 62 Resp: 935
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#

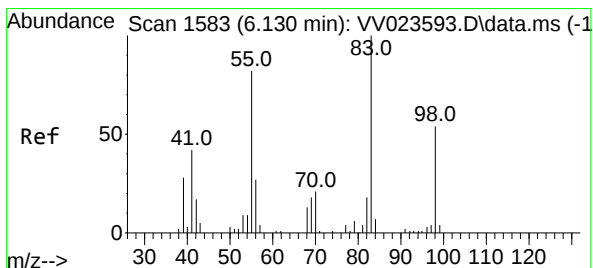
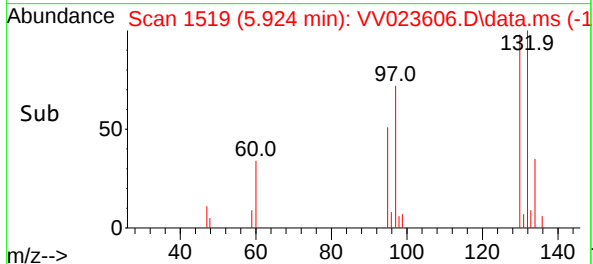
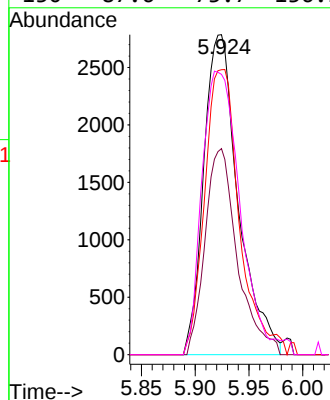
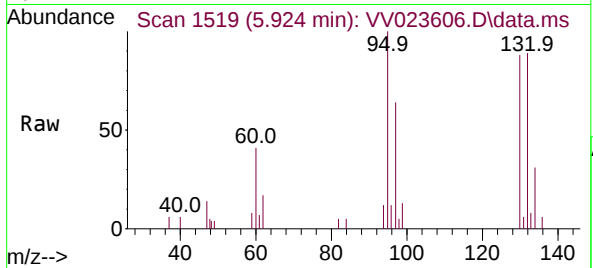




#34
Trichloroethene
Concen: 0.737 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV023606.D
Acq: 18 Nov 2021 16:00

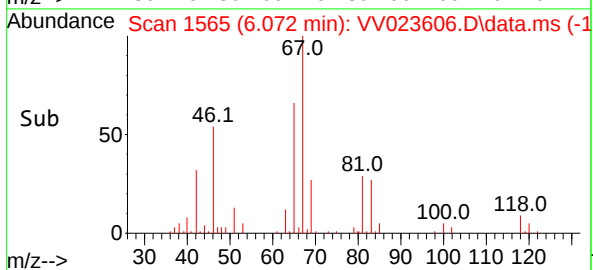
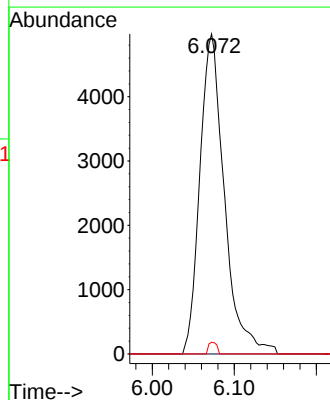
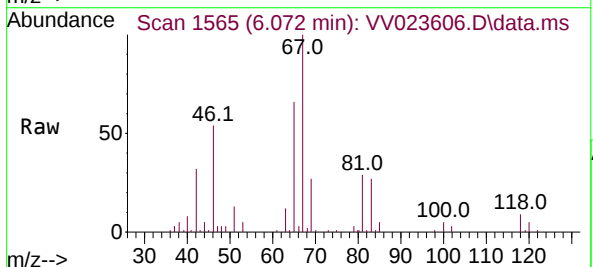
Instrument :
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ClientSampleId :

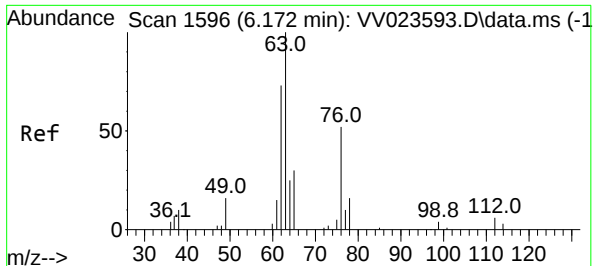
Tgt Ion: 95 Resp: 6243
Ion Ratio Lower Upper
95 100
97 64.4 45.0 83.6
132 89.1 69.7 129.4
130 87.6 73.7 136.9



#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023606.D
Acq: 18 Nov 2021 16:00

Tgt Ion: 83 Resp: 10334
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023606.D

Acq: 18 Nov 2021 16:00

Instrument :

MSVOA_V

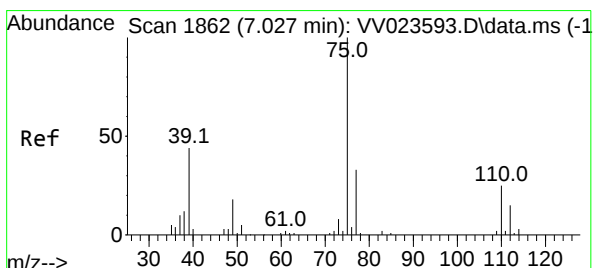
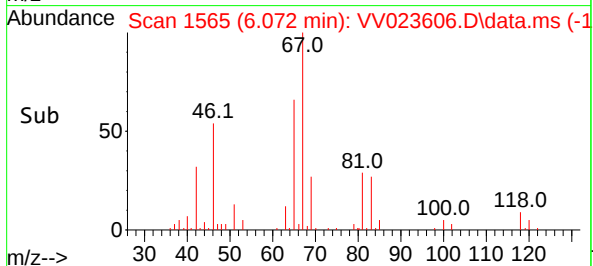
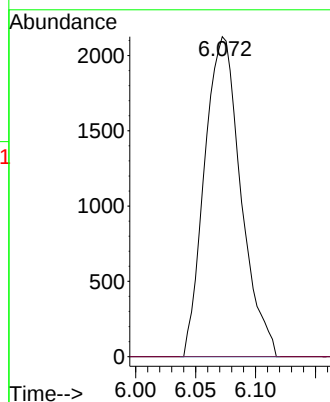
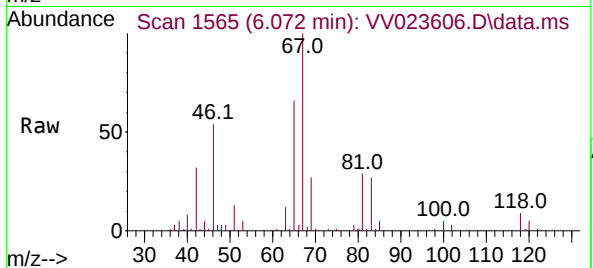
ClientSampleId :

Tgt Ion: 63 Resp: 4483

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023606.D

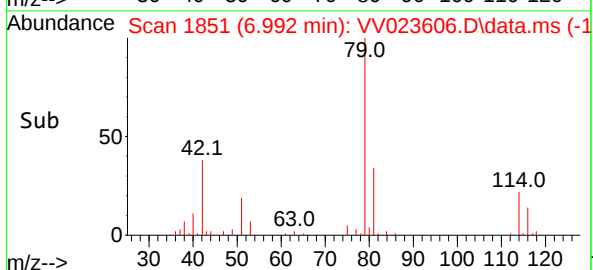
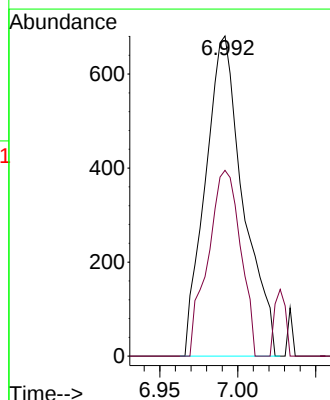
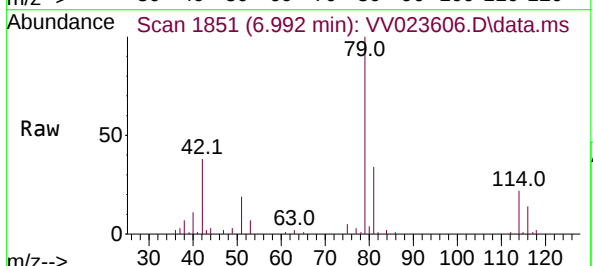
Acq: 18 Nov 2021 16:00

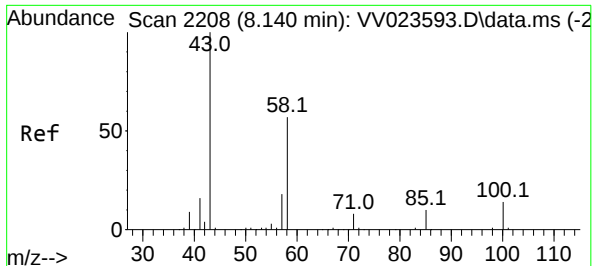
Tgt Ion: 75 Resp: 1150

Ion Ratio Lower Upper

75 100

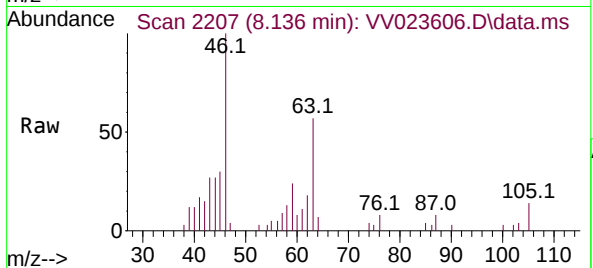
77 58.0 21.6 40.2#



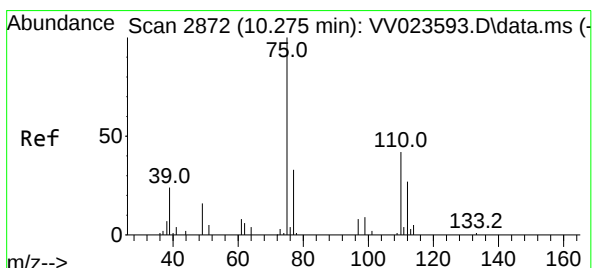
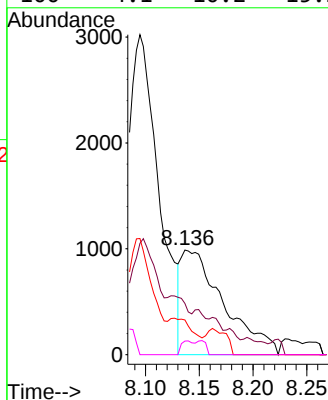
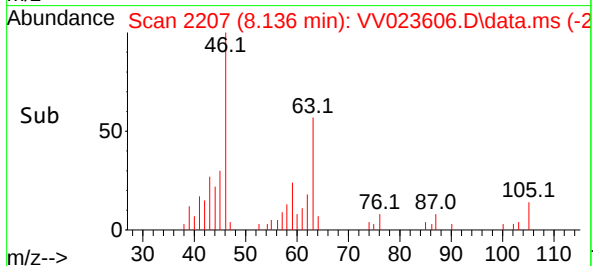


#48
2-Hexanone
Concen: 1.129 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023606.D
Acq: 18 Nov 2021 16:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 2728
Ion Ratio	Lower Upper
43 100	
58 0.0	43.7 65.5#
57 0.0	14.1 21.1#
100 4.1	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.546 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023606.D
Acq: 18 Nov 2021 16:00

Tgt Ion: 75	Resp: 5428		
Ion Ratio	Lower	Upper	
75 100			
77 36.5	26.6	39.8	
110 2.8	31.8	47.6#	

