

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021622\
 Data File : VW024711.D
 Acq On : 16 Feb 2022 20:57
 Operator : SY/MD
 Sample : N1510-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 23:40:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 23:36:08 2022
 Response via : Initial Calibration

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

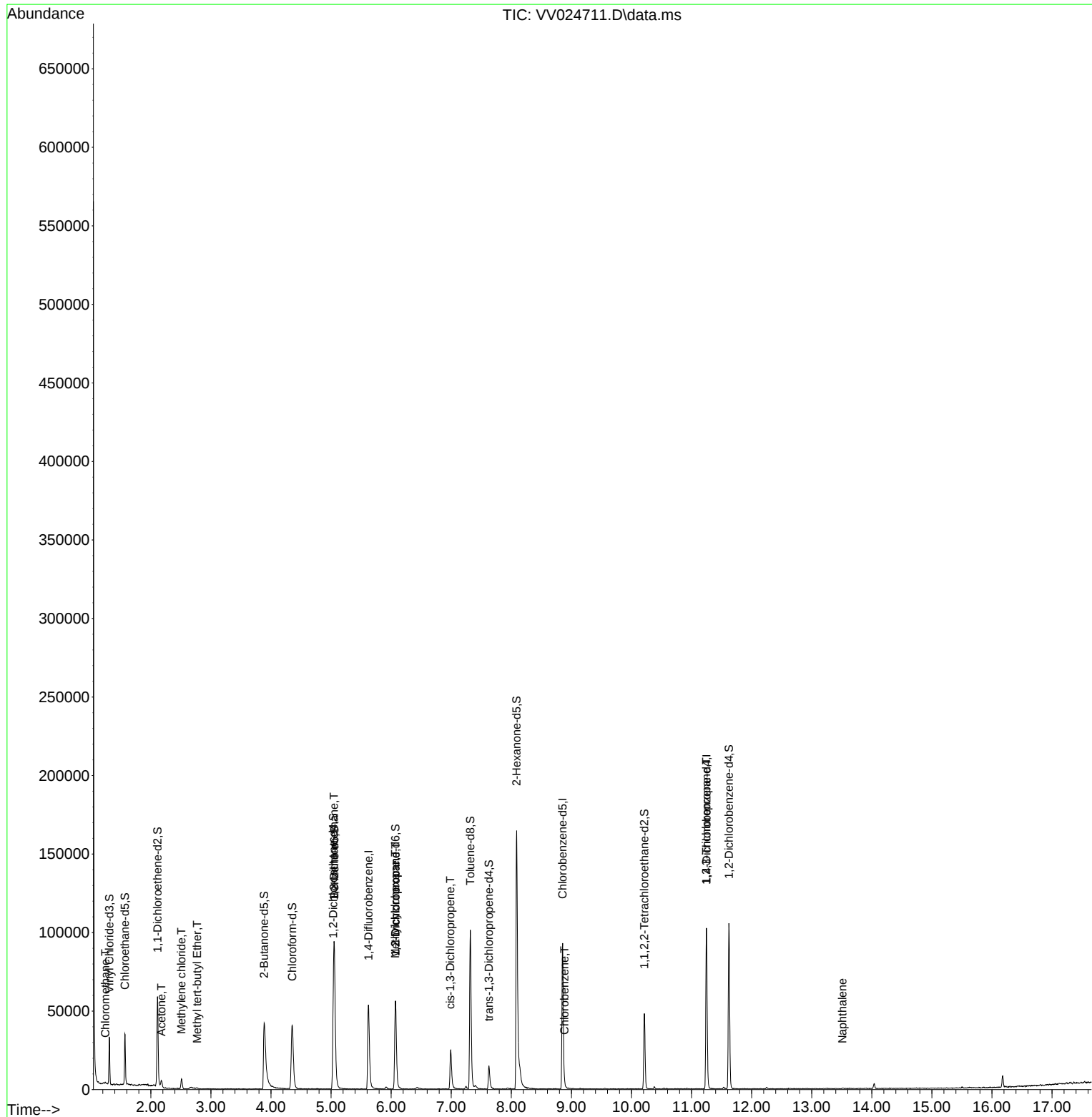
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	48253	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	51223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	25543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	18662	4.614	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.568	69	19701	5.761	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.200%	
11) 1,1-Dichloroethene-d2	2.111	63	30331	3.428	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	3.886	46	75980	113.157	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	226.320%#	
24) Chloroform-d	4.352	84	43265	6.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	121.600%	
26) 1,2-Dichloroethane-d4	5.037	65	25620	7.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	158.600%#	
32) Benzene-d6	5.053	84	83390	5.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.800%	
36) 1,2-Dichloropropane-d6	6.072	67	28094	6.215	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	124.400%	
41) Toluene-d8	7.317	98	68092	5.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
43) trans-1,3-Dichloroprop...	7.625	79	9603	5.261	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.200%	
46) 2-Hexanone-d5	8.088	63	58349	90.727	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	181.460%#	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	23762	8.829	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	176.600%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	25347	6.156	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.200%#	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	292	0.047	ug/L	85
13) Acetone	2.175	43	4841	9.136	ug/L	74
16) Methylene chloride	2.510	84	2426	0.490	ug/L	83
17) Methyl tert-butyl Ether	2.770	73	762	0.074	ug/L #	78
27) 1,2-Dichloroethane	5.047	62	321	0.066	ug/L #	73
35) Methylcyclohexane	6.069	83	6446	0.708	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	2962	0.611	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	700	0.095	ug/L #	38
51) Chlorobenzene	8.886	112	695	0.052	ug/L #	63
61) 1,2,3-Trichloropropane	11.246	75	3440	1.366	ug/L #	60
71) Naphthalene	13.513	128	606	0.062	ug/L #	69

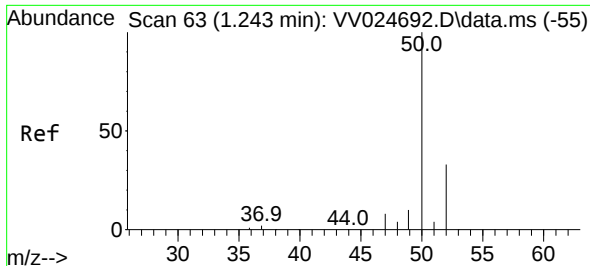
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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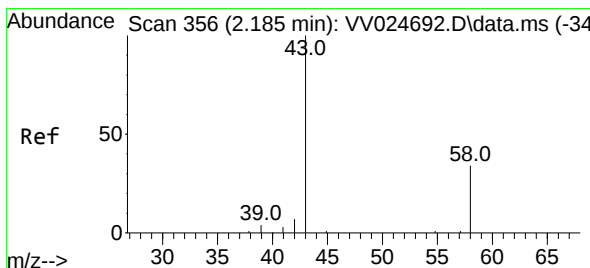
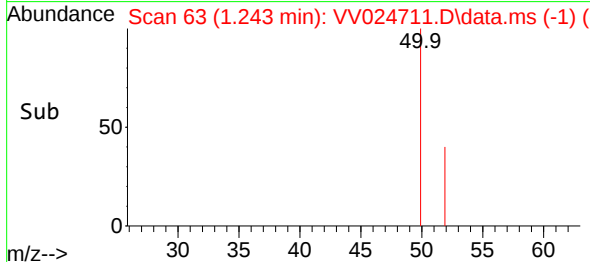
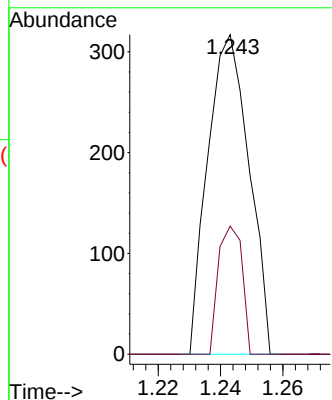
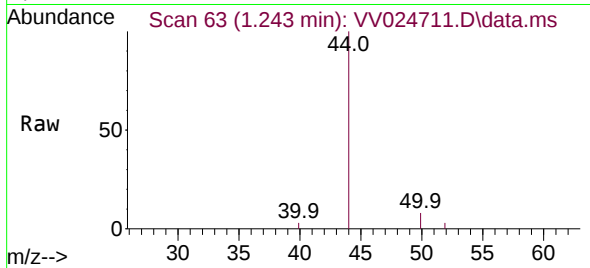




#3
Chloromethane
Concen: 0.047 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

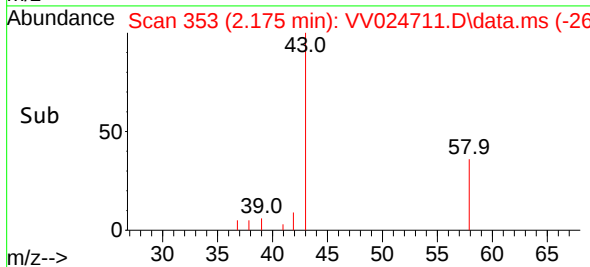
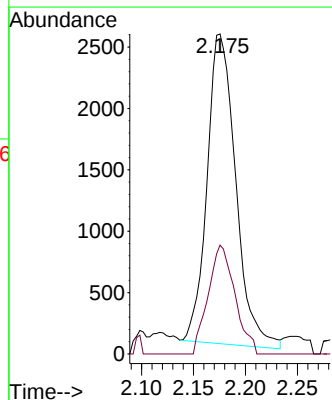
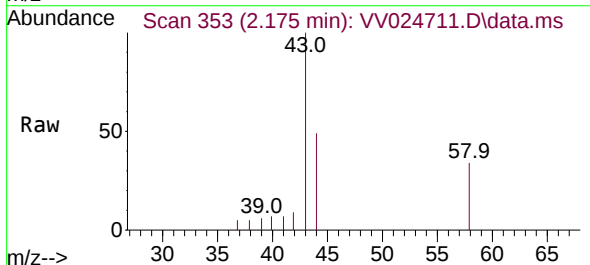
Instrument :
MSVOA_V
ClientSampleId :

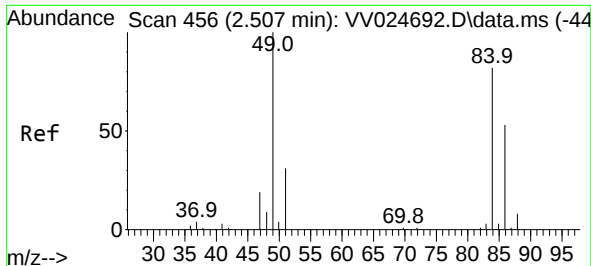
Tgt Ion: 50 Resp: 292
Ion Ratio Lower Upper
50 100
52 40.1 22.0 41.0



#13
Acetone
Concen: 9.136 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.010 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

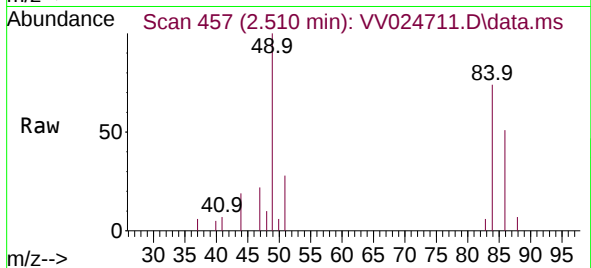
Tgt Ion: 43 Resp: 4841
Ion Ratio Lower Upper
43 100
58 32.7 0.0 41.4





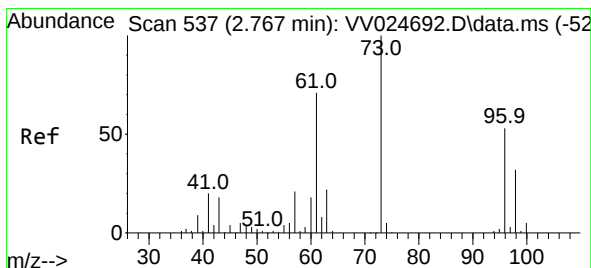
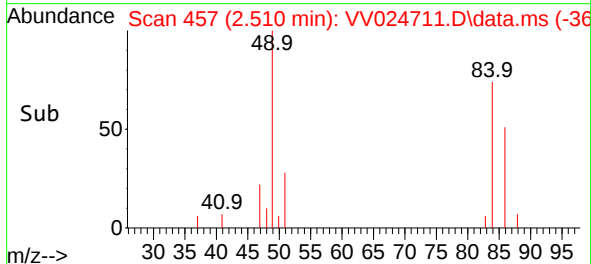
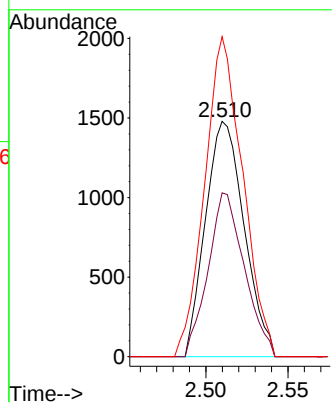
#16
Methylene chloride
Concen: 0.490 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2426

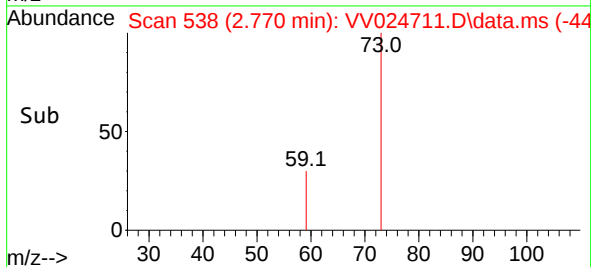
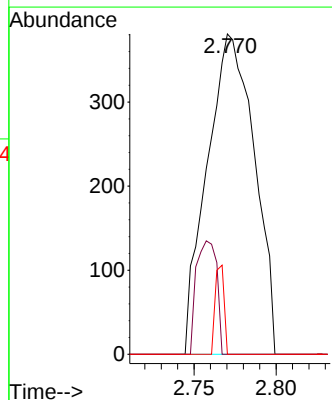
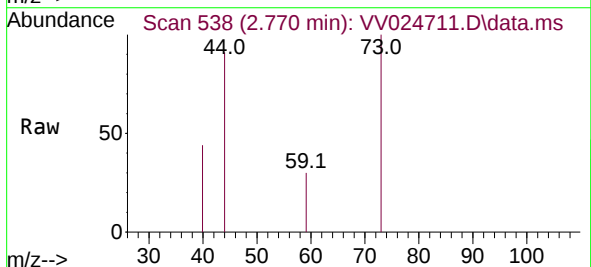
Ion	Ratio	Lower	Upper
84	100		
86	69.6	42.6	79.0
49	136.0	79.7	147.9

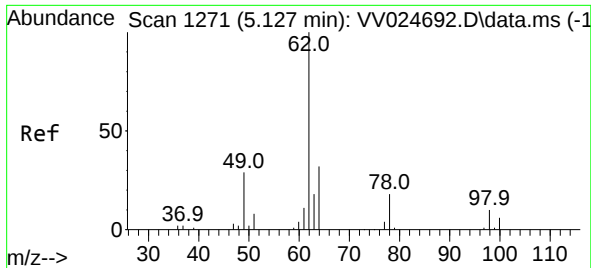


#17
Methyl tert-butyl Ether
Concen: 0.074 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

Tgt Ion: 73 Resp: 762

Ion	Ratio	Lower	Upper
73	100		
43	15.2	15.5	23.3#
57	5.2	17.1	25.7#

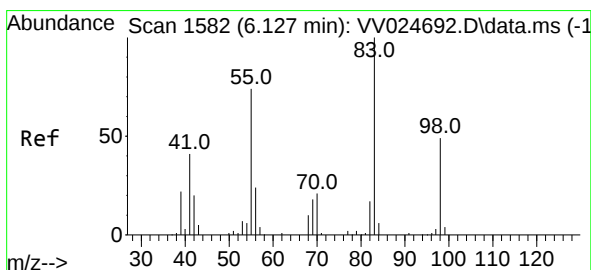
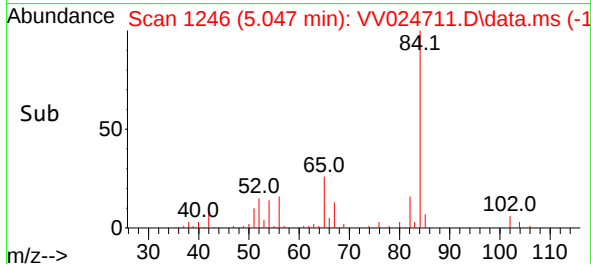
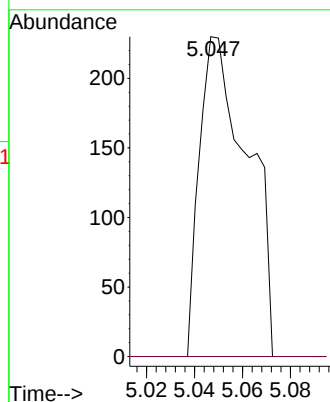
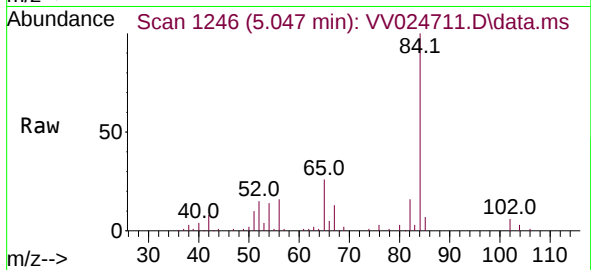




#27
1,2-Dichloroethane
Concen: 0.066 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

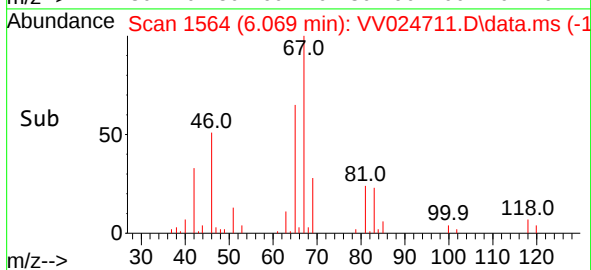
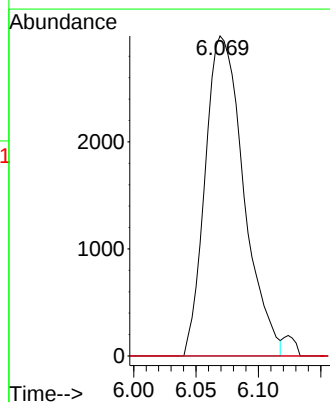
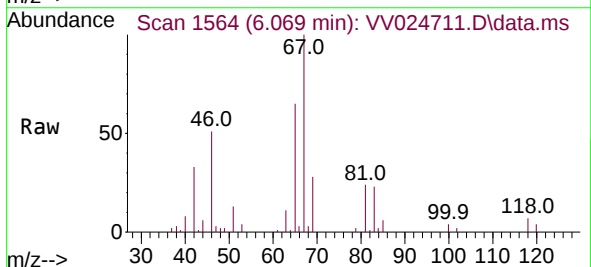
Instrument :
MSVOA_V
ClientSampleId :

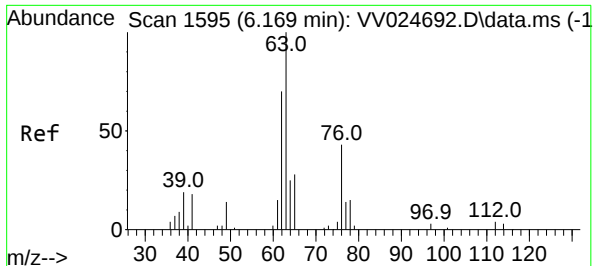
Tgt Ion: 62 Resp: 321
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

Tgt Ion: 83 Resp: 6446
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 1.6 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024711.D

Acq: 16 Feb 2022 20:57

Instrument :

MSVOA_V

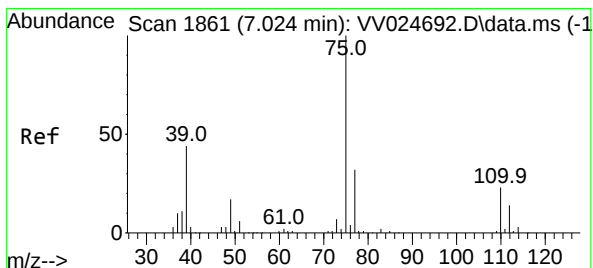
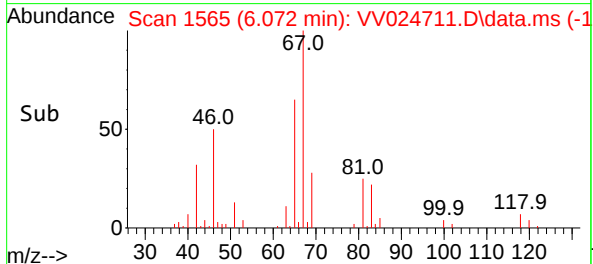
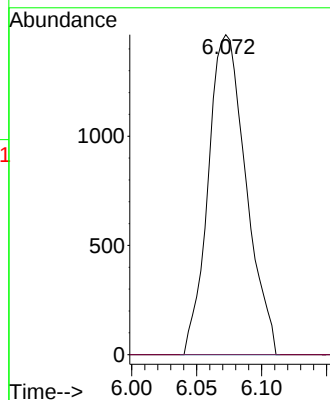
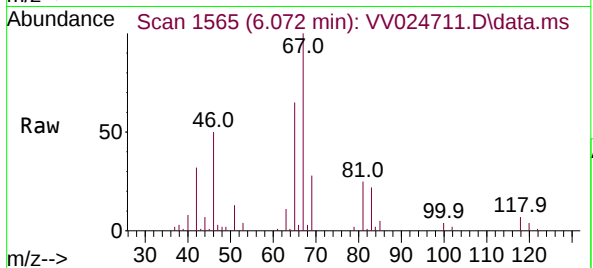
ClientSampleId :

Tgt Ion: 63 Resp: 2962

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV024711.D

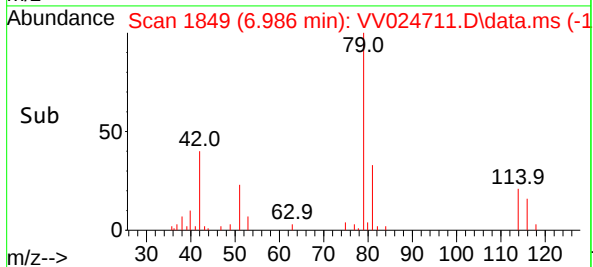
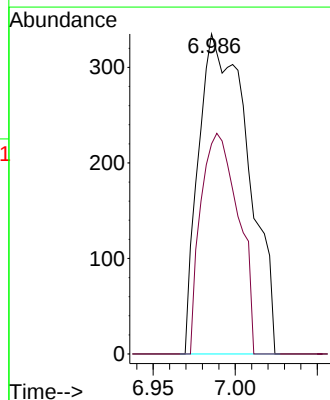
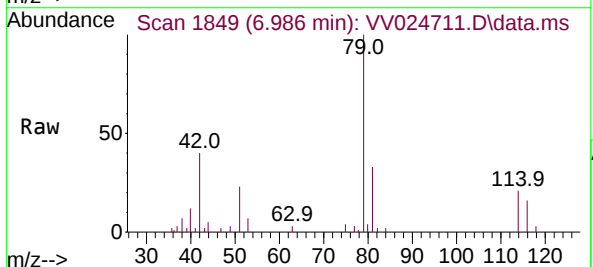
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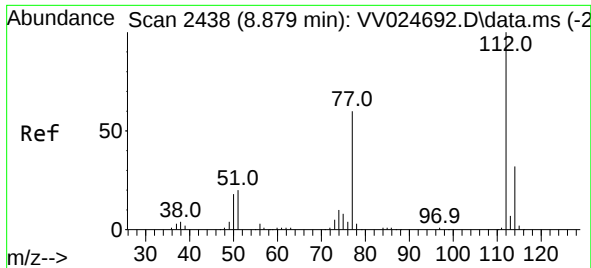
Tgt Ion: 75 Resp: 700

Ion Ratio Lower Upper

75 100

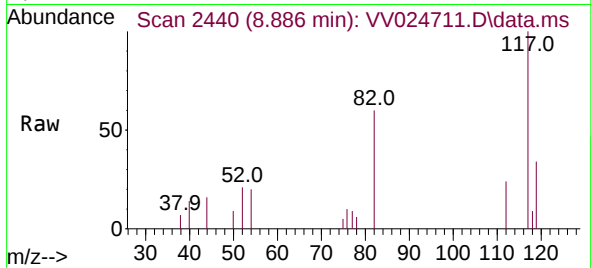
77 65.7 22.0 41.0#



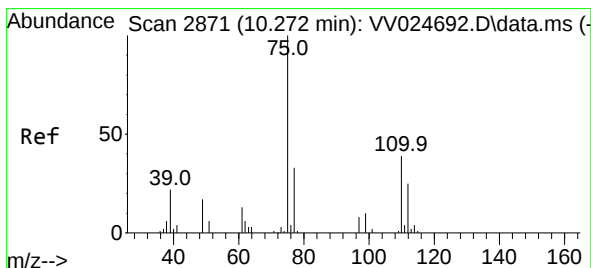
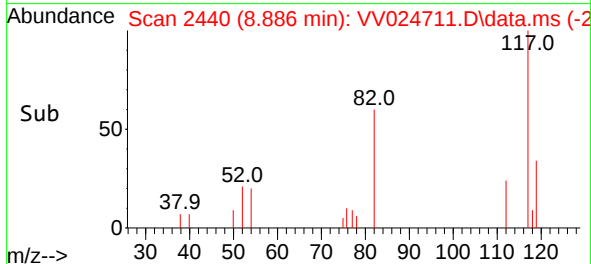
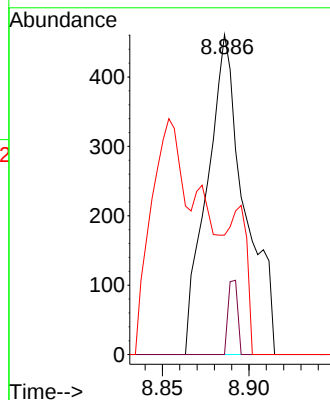


#51
Chlorobenzene
Concen: 0.052 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.007 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :

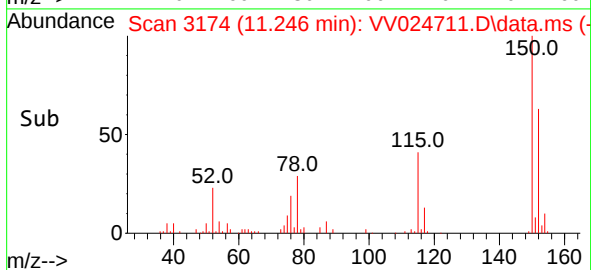
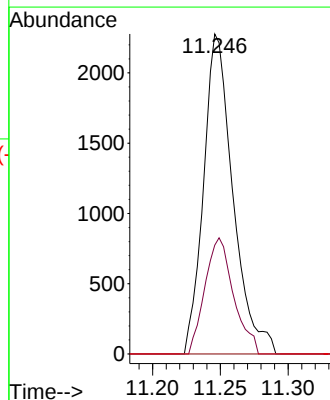
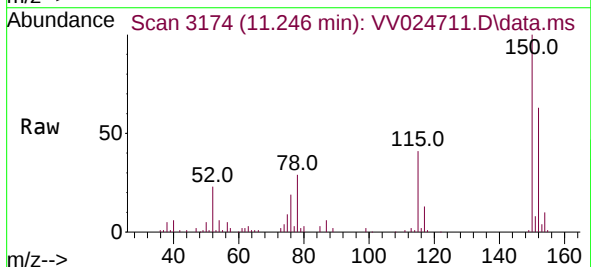


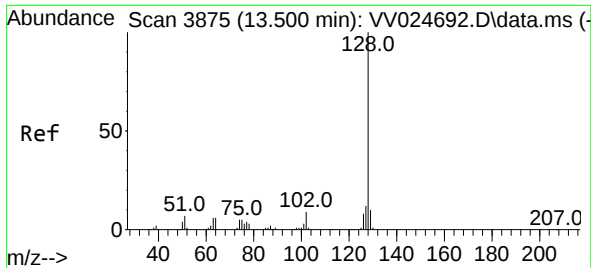
Tgt Ion:112 Resp: 695
Ion Ratio Lower Upper
112 100
114 0.0 23.3 43.3#
77 37.3 43.3 64.9#



#61
1,2,3-Trichloropropane
Concen: 1.366 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

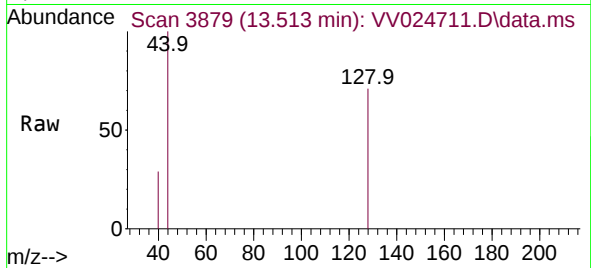
Tgt Ion: 75 Resp: 3440
Ion Ratio Lower Upper
75 100
77 35.4 26.4 39.6
110 0.0 34.2 51.2#





#71
Naphthalene
Concen: 0.062 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV024711.D
Acq: 16 Feb 2022 20:57

Instrument : MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	0.0	10.2	15.4#

