

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022672.D
 Acq On : 07 Oct 2021 19:05
 Operator : SY/MD
 Sample : M4051-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:03:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

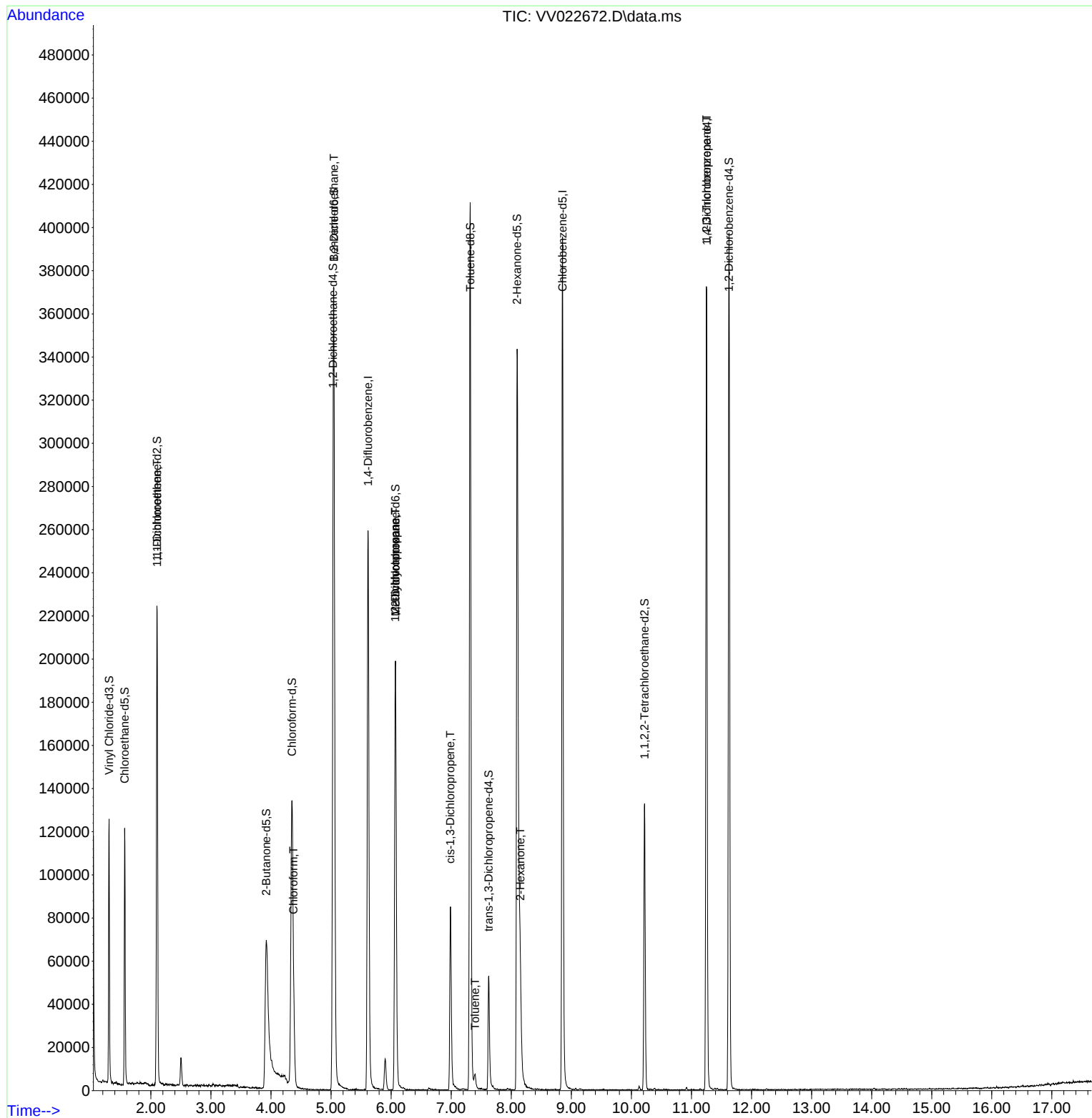
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	229669	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	223485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	101287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76412	4.836	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.564	69	69738	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.101	63	115375	3.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.921	46	186134	44.925	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.840%
24) Chloroform-d	4.349	84	130210	3.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.034	65	77209	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.047	84	317510	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	96681	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	271201	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.625	79	30667	4.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.098	63	137688	52.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	63548	4.761	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	108079	5.755	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	1067	0.077	ug/L #	1
25) Chloroform	4.375	83	31104	0.987	ug/L	99
27) 1,2-Dichloroethane	5.047	62	1969	0.125	ug/L	95
35) Methylcyclohexane	6.072	83	23548	1.027	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	10171	0.703	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	2128	0.111	ug/L #	51
42) Toluene	7.397	91	4041	0.066	ug/L	84
48) 2-Hexanone	8.149	43	19455	3.421	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	11184	1.589	ug/L #	64

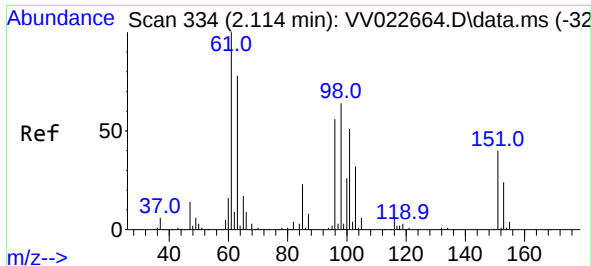
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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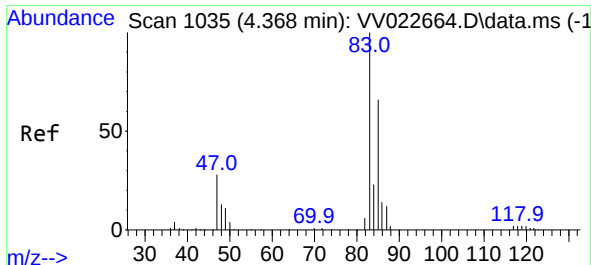
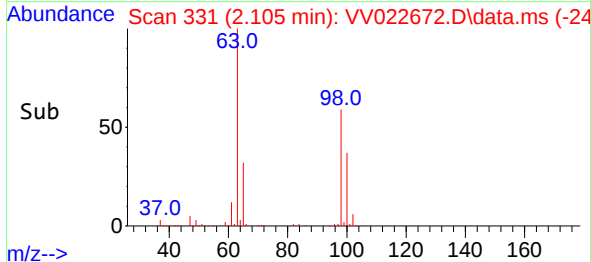
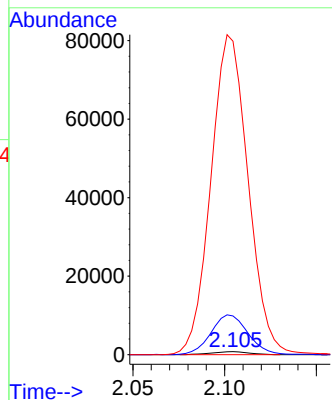
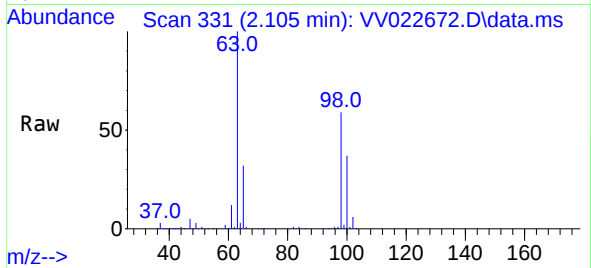




#12
1,1-Dichloroethene
Concen: 0.077 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022672.D
Acq: 07 Oct 2021 19:05

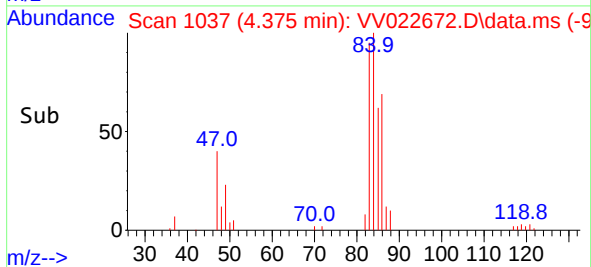
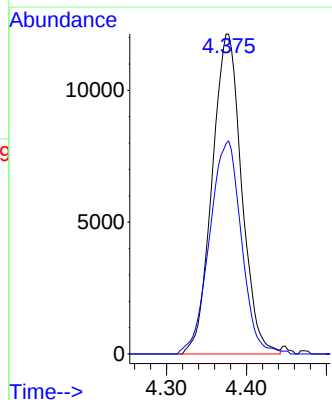
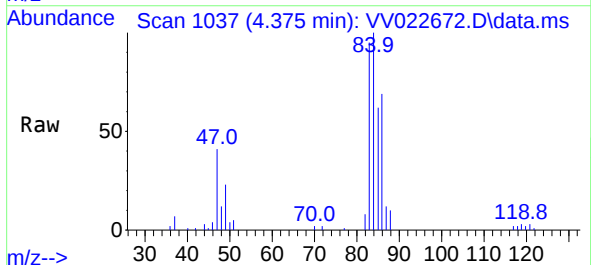
Instrument :
MSVOA_V
ClientSampleId :

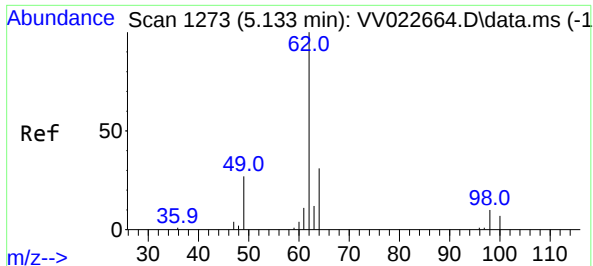
Tgt Ion: 96 Resp: 1067
Ion Ratio Lower Upper
96 100
61 1279.9 127.3 236.5#
63 10357.5 106.2 197.2#



#25
Chloroform
Concen: 0.987 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV022672.D
Acq: 07 Oct 2021 19:05

Tgt Ion: 83 Resp: 31104
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9

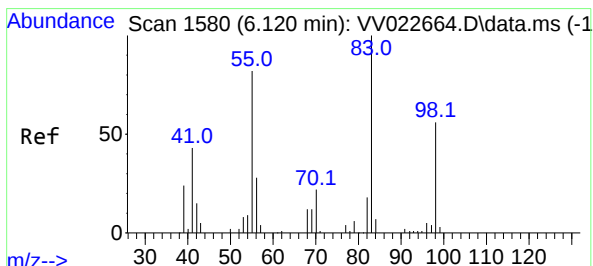
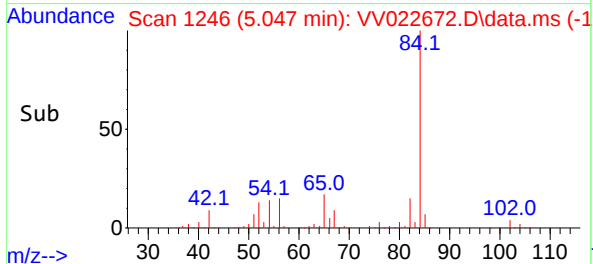
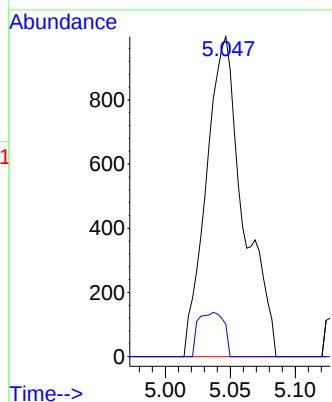
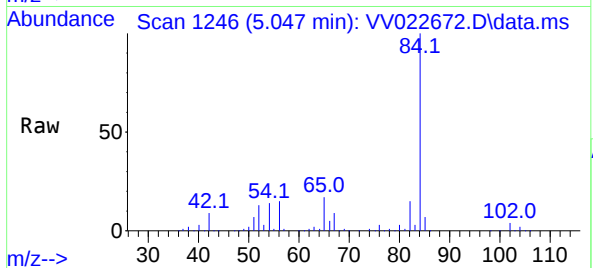




#27
1,2-Dichloroethane
Concen: 0.125 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.087 min
Lab File: VV022672.D
Acq: 07 Oct 2021 19:05

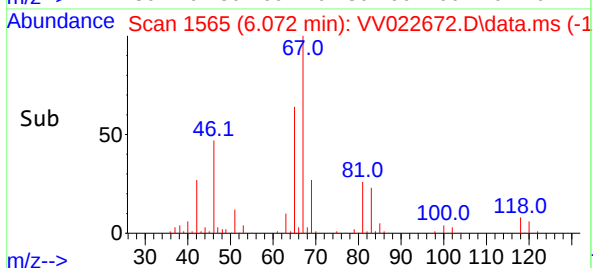
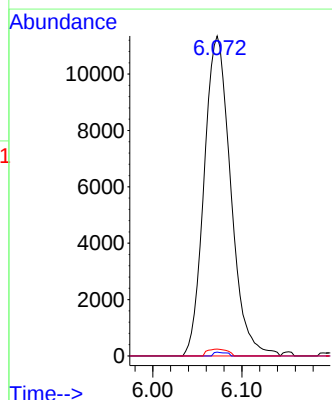
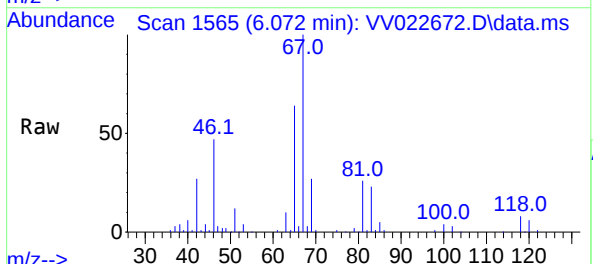
Instrument :
MSVOA_V
ClientSampled :

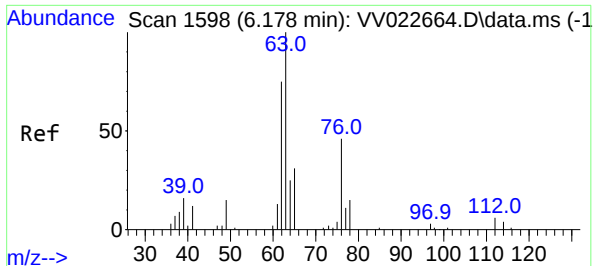
Tgt Ion: 62 Resp: 1969
Ion Ratio Lower Upper
62 100
98 10.1 9.7 14.5



#35
Methylcyclohexane
Concen: 1.027 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.048 min
Lab File: VV022672.D
Acq: 07 Oct 2021 19:05

Tgt Ion: 83 Resp: 23548
Ion Ratio Lower Upper
83 100
55 0.6 63.8 95.6#
98 1.6 42.1 63.1#

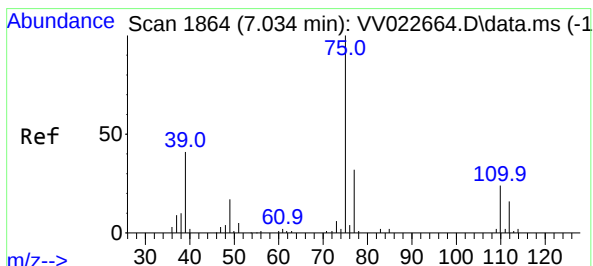
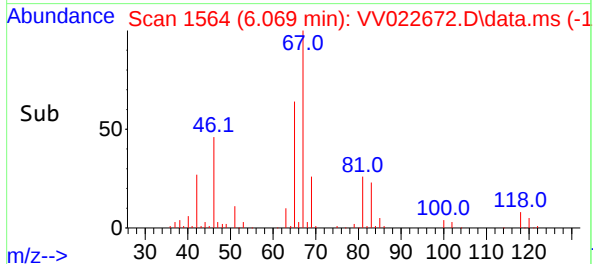
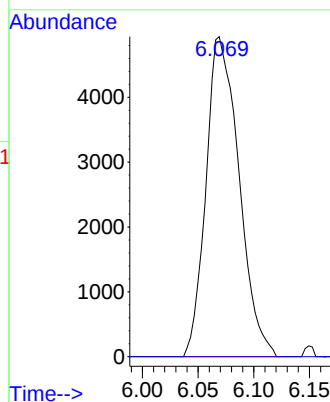
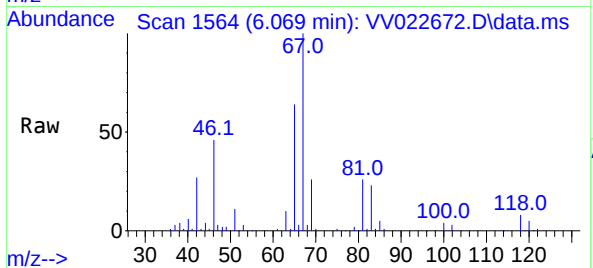




#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022672.D
Acq: 07 Oct 2021 19:05

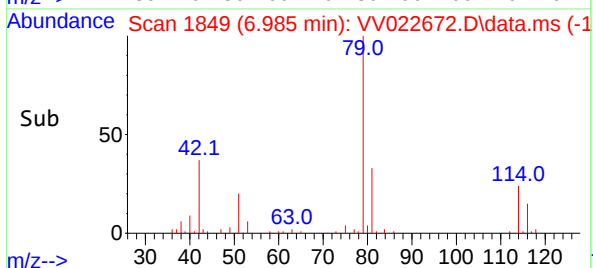
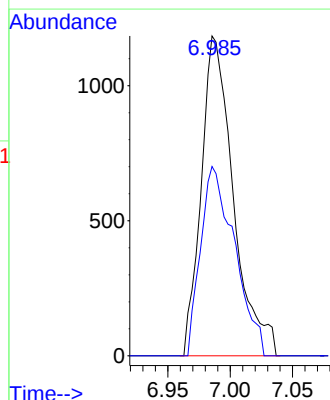
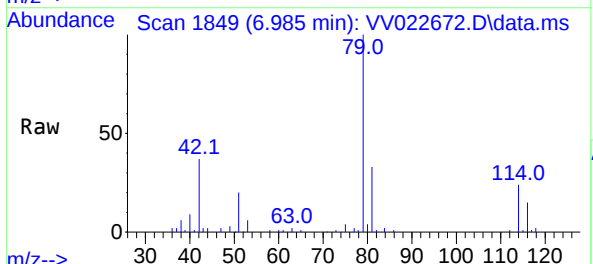
Instrument :
MSVOA_V
ClientSampled :

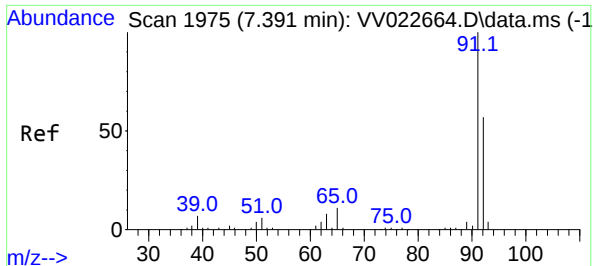
Tgt Ion: 63 Resp: 10171
Ion Ratio Lower Upper
63 100
112 0.7 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.048 min
Lab File: VV022672.D
Acq: 07 Oct 2021 19:05

Tgt Ion: 75 Resp: 2128
Ion Ratio Lower Upper
75 100
77 59.2 22.3 41.3#

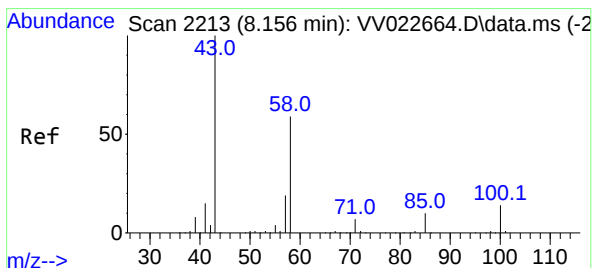
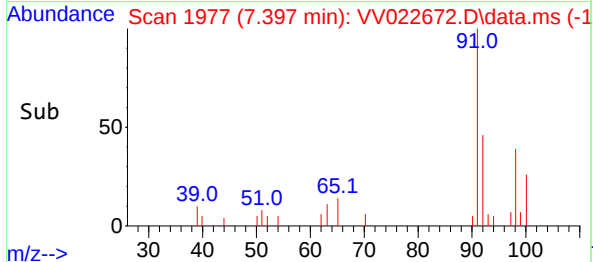
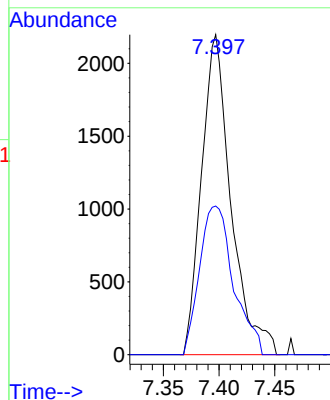
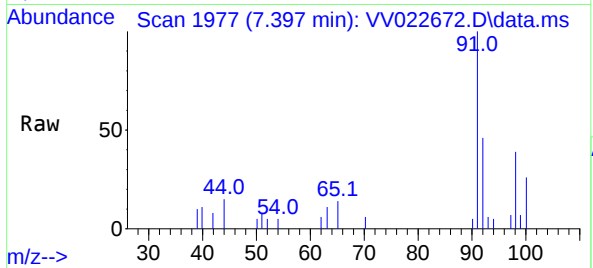




#42
Toluene
Concen: 0.066 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022672.D
Acq: 07 Oct 2021 19:05

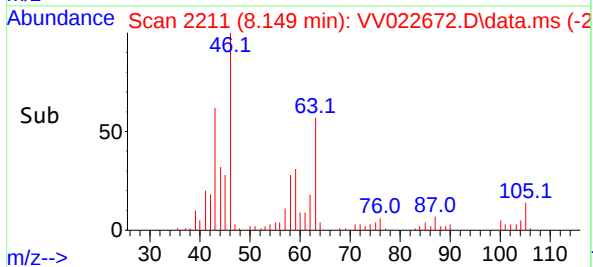
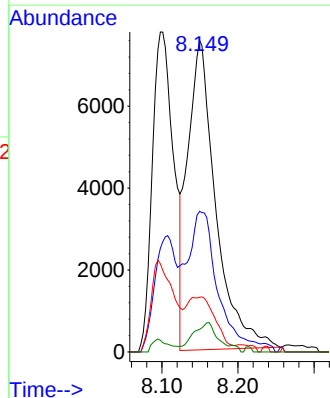
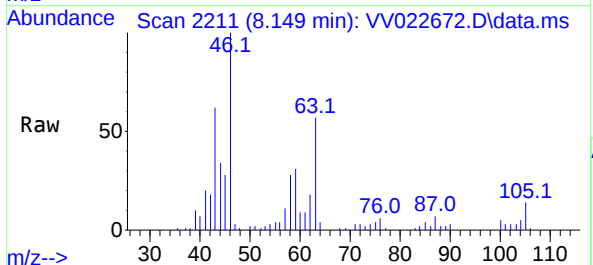
Instrument :
MSVOA_V
ClientSampleId :

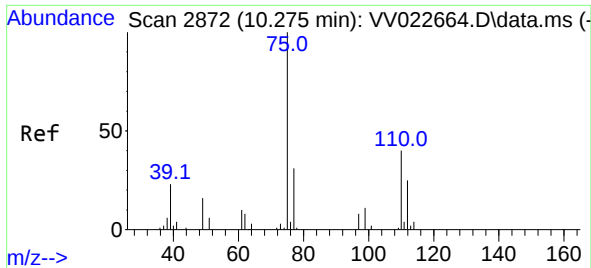
Tgt Ion: 91 Resp: 4041
Ion Ratio Lower Upper
91 100
92 46.4 40.7 75.7



#48
2-Hexanone
Concen: 3.421 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VV022672.D
Acq: 07 Oct 2021 19:05

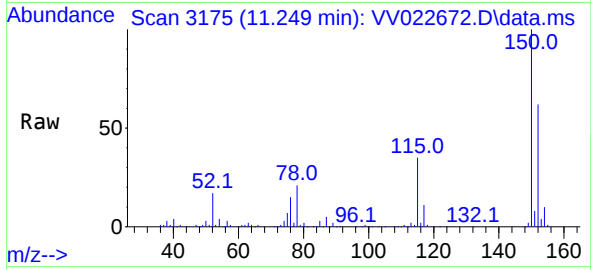
Tgt Ion: 43 Resp: 19455
Ion Ratio Lower Upper
43 100
58 43.5 47.4 71.0#
57 18.5 15.3 22.9
100 6.1 10.4 15.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.589 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
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 Acq: 07 Oct 2021 19:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 11184

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.2
110	2.5	34.2	51.4#

