

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023222.D
 Acq On : 05 Nov 2021 11:16
 Operator : SY/MD
 Sample : M4492-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:13:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

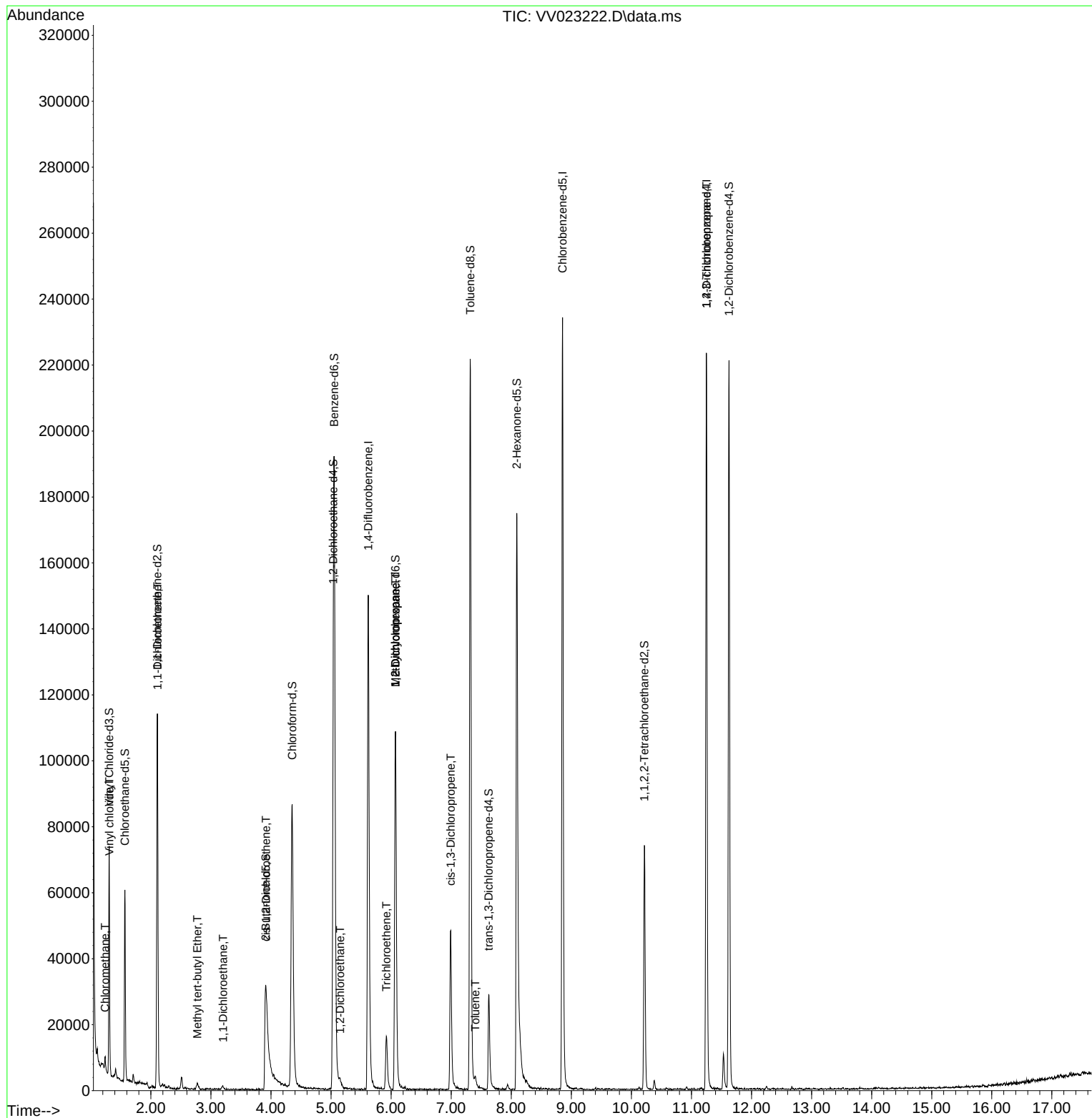
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132752	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42425	5.101	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.000%		
7) Chloroethane-d5	1.568	69	35045	5.170	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.400%		
11) 1,1-Dichloroethene-d2	2.108	63	59552	3.825	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 76.600%		
20) 2-Butanone-d5	3.912	46	65036	51.760	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.520%		
24) Chloroform-d	4.352	84	88373	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.800%		
26) 1,2-Dichloroethane-d4	5.037	65	43232	5.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.400%		
32) Benzene-d6	5.053	84	174296	5.121	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
36) 1,2-Dichloropropane-d6	6.072	67	52245	5.215	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.200%		
41) Toluene-d8	7.317	98	147845	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.800%		
43) trans-1,3-Dichloroprop...	7.625	79	17510	4.609	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.200%		
46) 2-Hexanone-d5	8.091	63	66236	47.387	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 94.780%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36100	5.010	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	58688	5.742	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.800%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2187	0.199	ug/L	97
5) Vinyl chloride	1.310	62	1406	0.128	ug/L #	53
12) 1,1-Dichloroethene	2.111	96	724	0.091	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	1662	0.095	ug/L #	72
19) 1,1-Dichloroethane	3.201	63	1443	0.088	ug/L #	88
22) cis-1,2-Dichloroethene	3.915	96	3082	0.329	ug/L	96
27) 1,2-Dichloroethane	5.149	62	1246	0.134	ug/L #	73
34) Trichloroethene	5.921	95	5395	0.547	ug/L	93
35) Methylcyclohexane	6.072	83	13378	0.860	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6234	0.720	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1298	0.104	ug/L #	61
42) Toluene	7.403	91	2548	0.064	ug/L	98
61) 1,2,3-Trichloropropane	11.249	75	6540	1.604	ug/L #	64

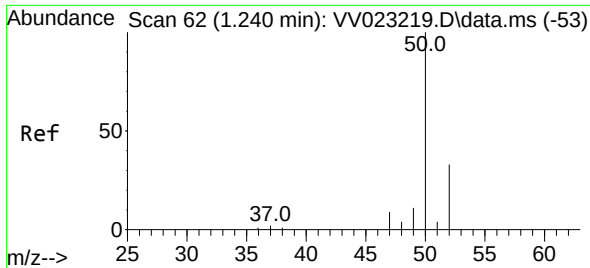
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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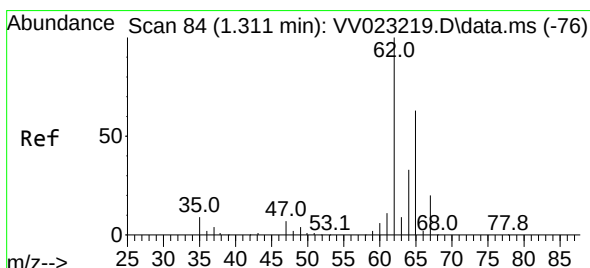
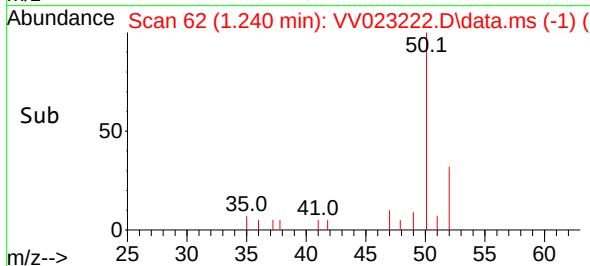
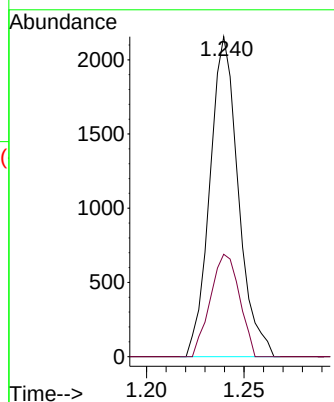
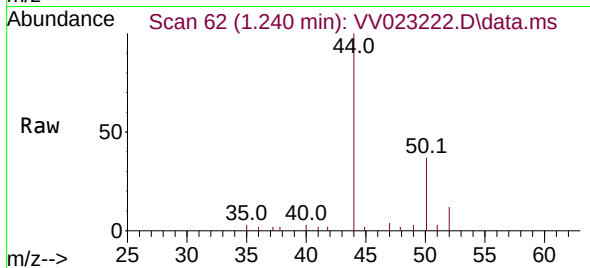




#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023222.D
Acq: 05 Nov 2021 11:16

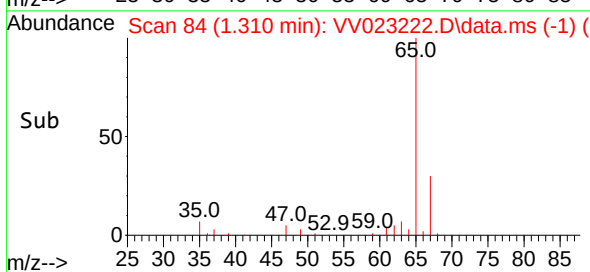
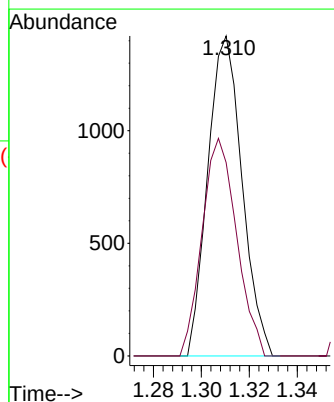
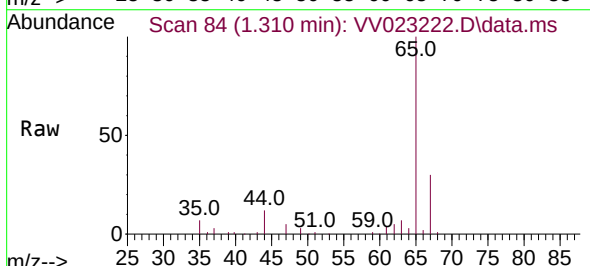
Instrument :
MSVOA_V
ClientSampleId :

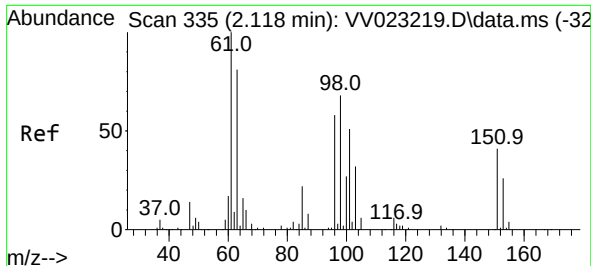
Tgt Ion: 50 Resp: 2187
Ion Ratio Lower Upper
50 100
52 32.0 23.7 43.9



#5
Vinyl chloride
Concen: 0.128 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV023222.D
Acq: 05 Nov 2021 11:16

Tgt Ion: 62 Resp: 1406
Ion Ratio Lower Upper
62 100
64 60.5 23.7 43.9#





#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.007 min

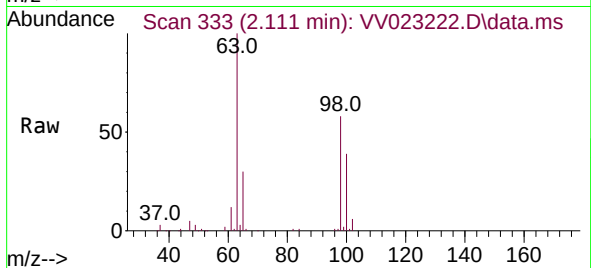
Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

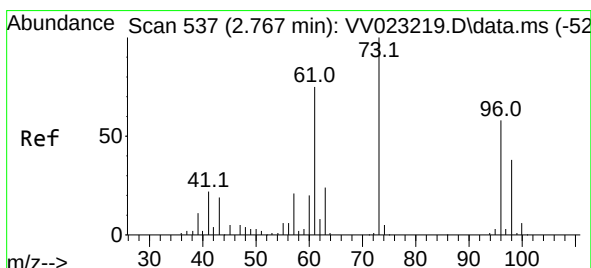
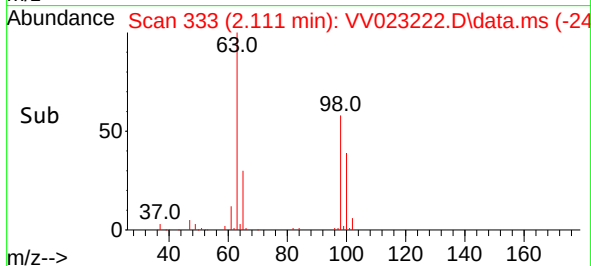
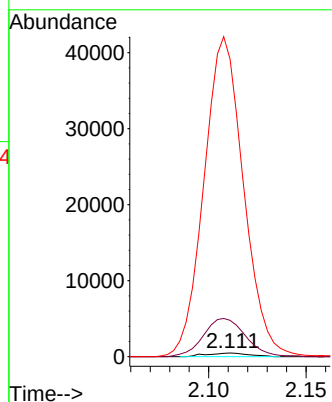
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	724
Ion	Ratio	Lower	Upper
96	100		
61	961.7	117.7	218.7#
63	7885.5	80.5	149.5#



#17

Methyl tert-butyl Ether

Concen: 0.095 ug/L

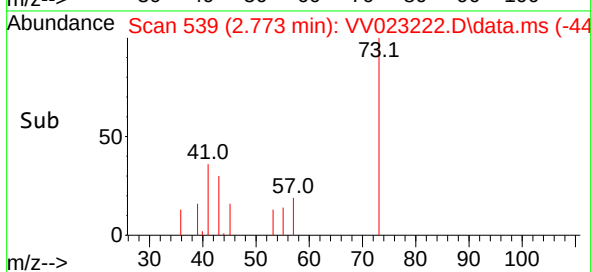
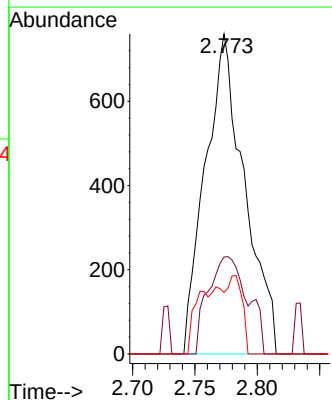
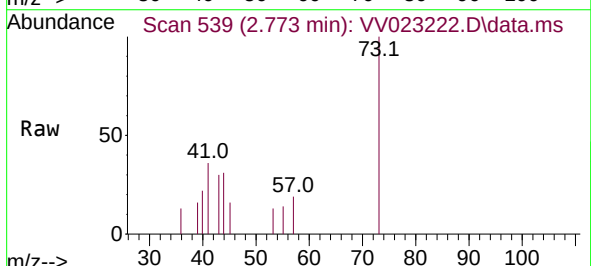
RT: 2.773 min Scan# 539

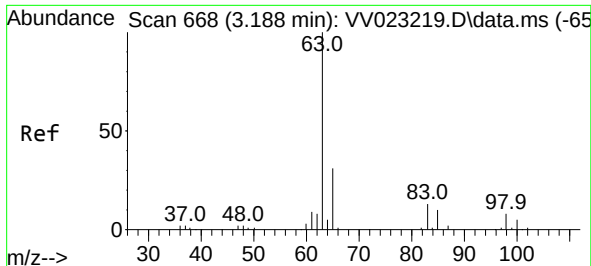
Delta R.T. 0.006 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

Tgt Ion:	73	Resp:	1662
Ion	Ratio	Lower	Upper
73	100		
43	30.6	14.2	21.4#
57	9.2	17.8	26.8#





#19

1,1-Dichloroethane

Concen: 0.088 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.013 min

Lab File: VV023222.D

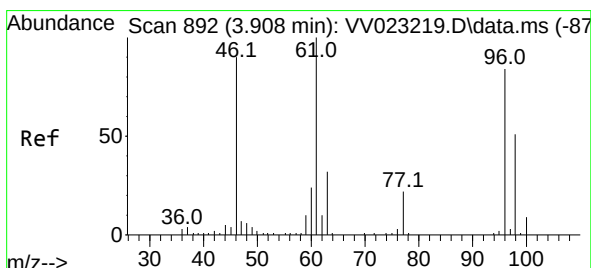
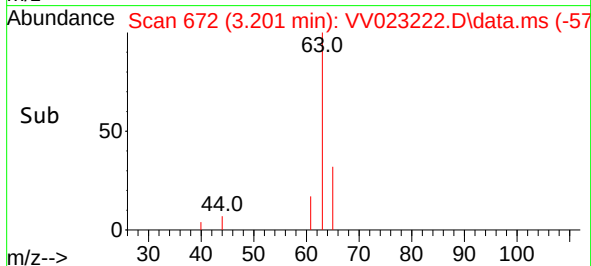
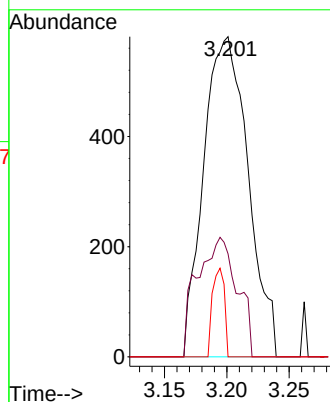
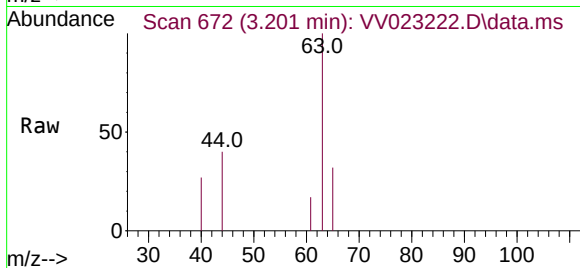
Acq: 05 Nov 2021 11:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 1443
Ion Ratio	Lower Upper
63 100	
65 32.2	21.6 40.2
83 0.0	9.8 18.2#



#22

cis-1,2-Dichloroethene

Concen: 0.329 ug/L

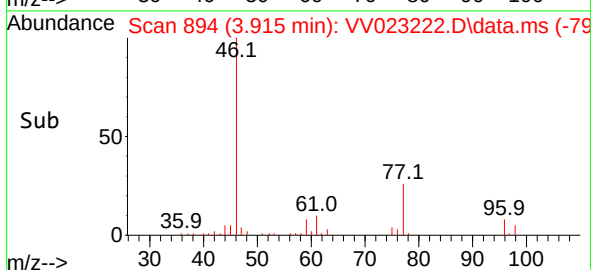
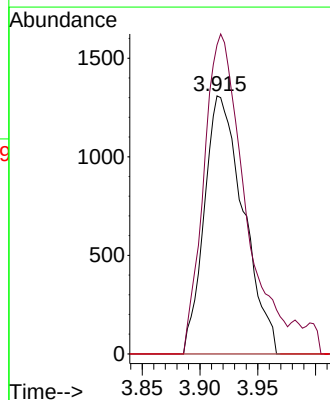
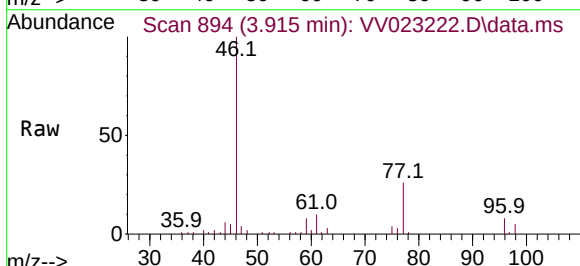
RT: 3.915 min Scan# 894

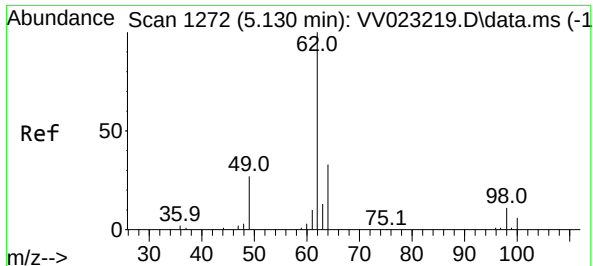
Delta R.T. 0.006 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

Tgt Ion: 96	Resp: 3082
Ion Ratio	Lower Upper
96 100	
61 119.7	86.7 160.9
68 0.0	0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.134 ug/L

RT: 5.149 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

Instrument :

MSVOA_V

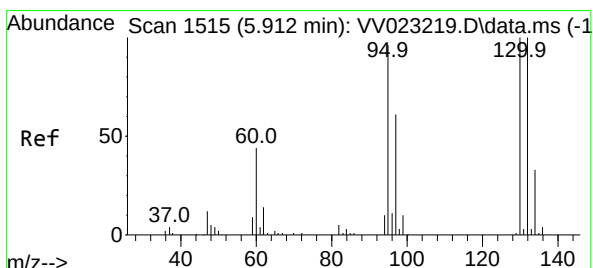
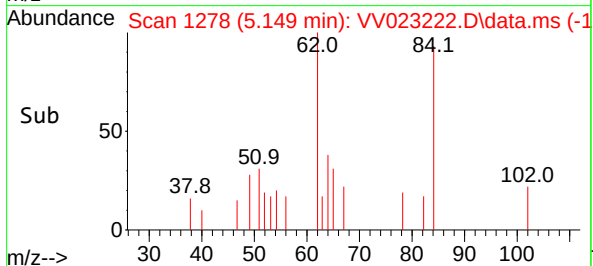
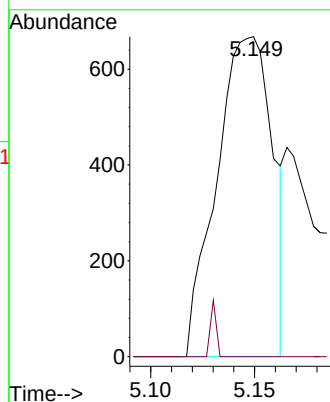
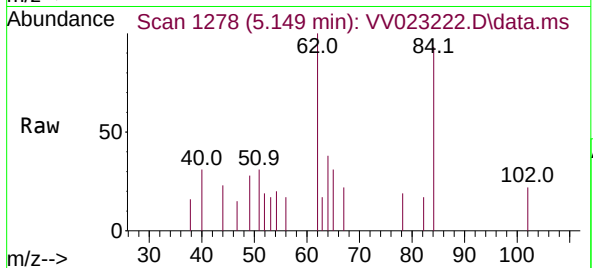
ClientSampleId :

Tgt Ion: 62 Resp: 1246

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#34

Trichloroethene

Concen: 0.547 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.009 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

Tgt Ion: 95 Resp: 5395

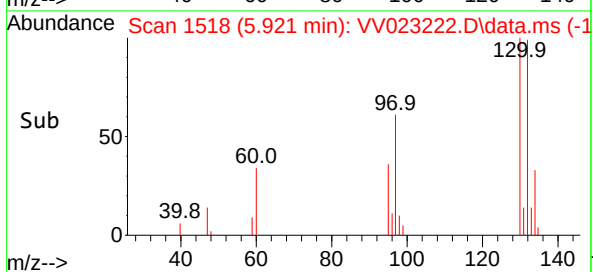
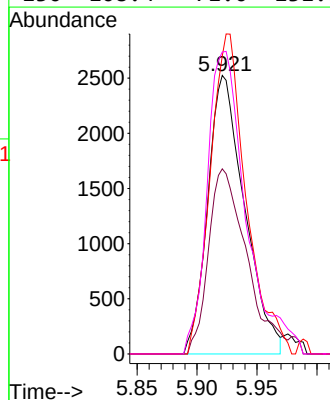
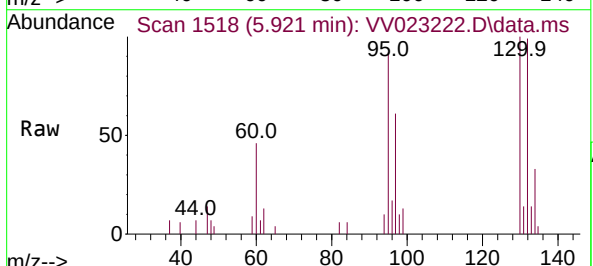
Ion Ratio Lower Upper

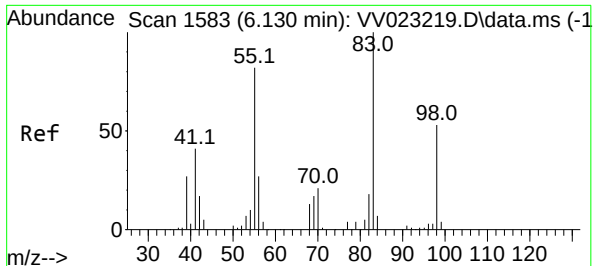
95 100

97 66.5 43.3 80.5

132 107.0 70.0 130.0

130 108.4 71.0 131.8





#35

Methylcyclohexane

Concen: 0.860 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023222.D

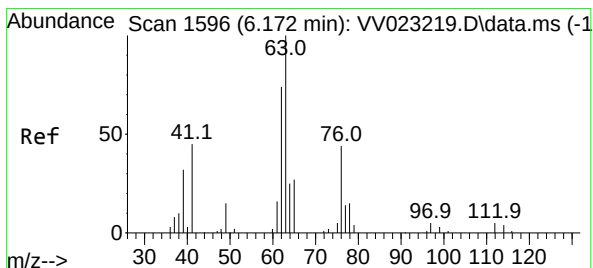
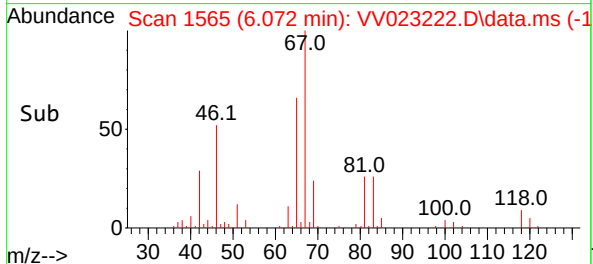
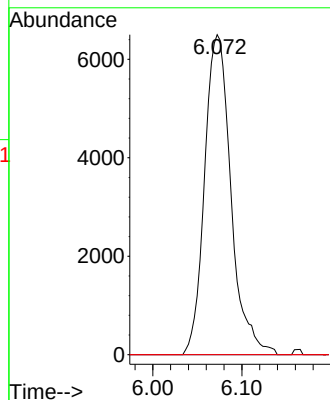
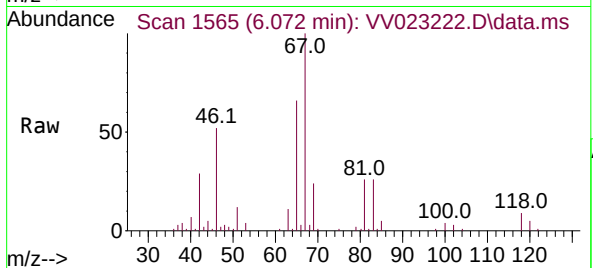
Acq: 05 Nov 2021 11:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	13378
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.6	89.4#
98	0.2	40.6	61.0#



#37

1,2-Dichloropropane

Concen: 0.720 ug/L

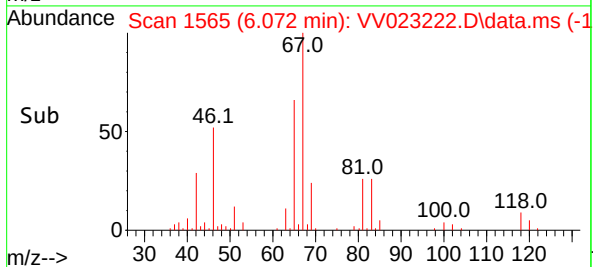
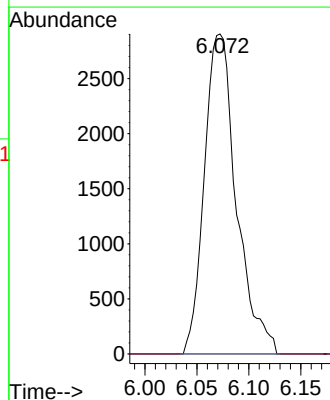
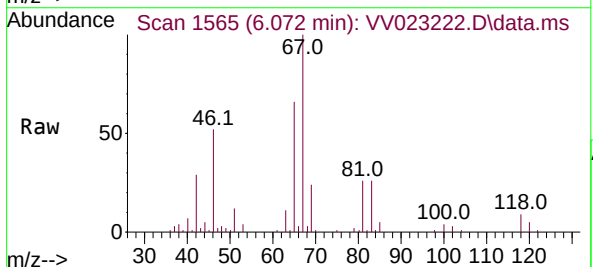
RT: 6.072 min Scan# 1565

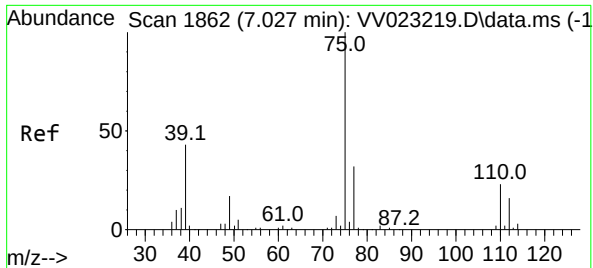
Delta R.T. -0.100 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

Tgt Ion:	63	Resp:	6234
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.5	6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.036 min

Lab File: VV023222.D

Acq: 05 Nov 2021 11:16

Instrument :

MSVOA_V

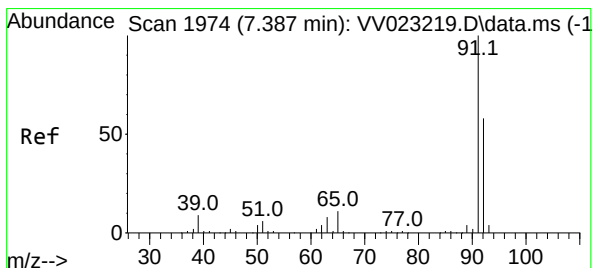
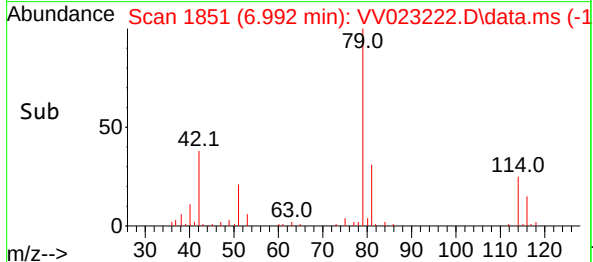
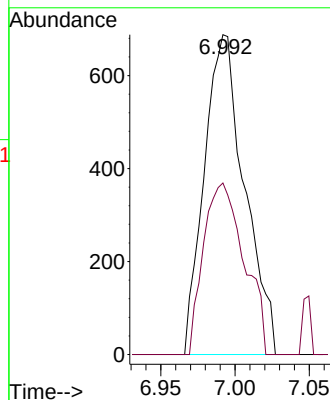
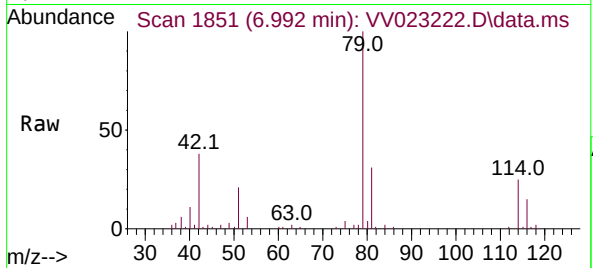
ClientSampleId :

Tgt Ion: 75 Resp: 1298

Ion Ratio Lower Upper

75 100

77 53.6 22.3 41.3#



#42

Toluene

Concen: 0.064 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV023222.D

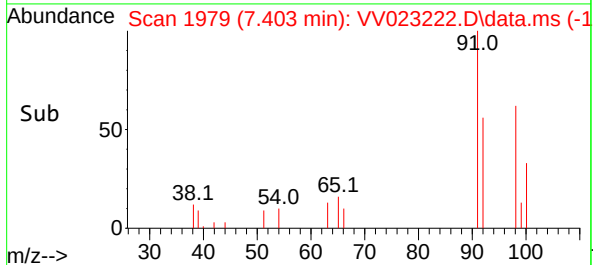
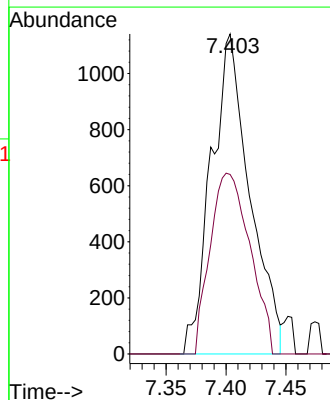
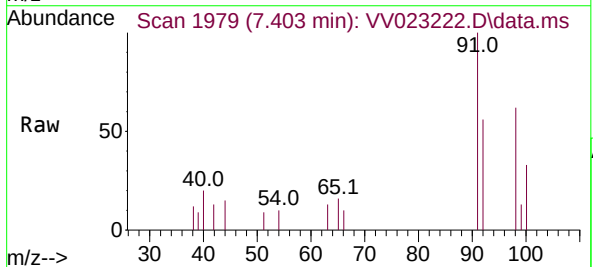
Acq: 05 Nov 2021 11:16

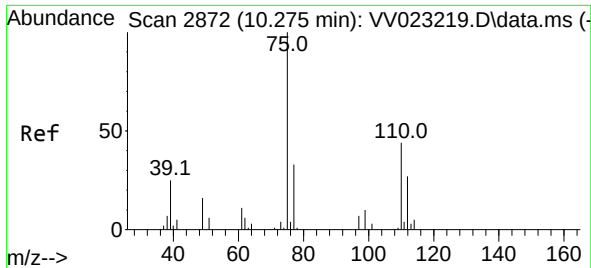
Tgt Ion: 91 Resp: 2548

Ion Ratio Lower Upper

91 100

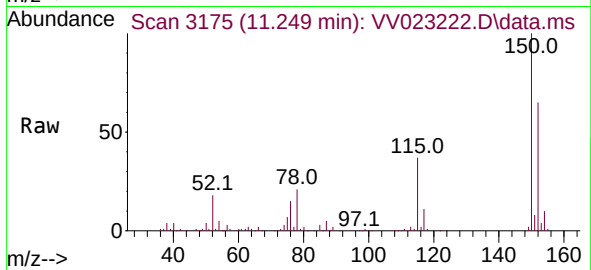
92 56.1 40.4 75.0





#61
 1,2,3-Trichloropropane
 Concen: 1.604 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023222.D
 Acq: 05 Nov 2021 11:16

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	6540
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.6	39.8
110	1.2	33.0	49.4#

