

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024065.D
 Acq On : 17 Dec 2021 15:28
 Operator : SY/MD
 Sample : M5090-10DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:46:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

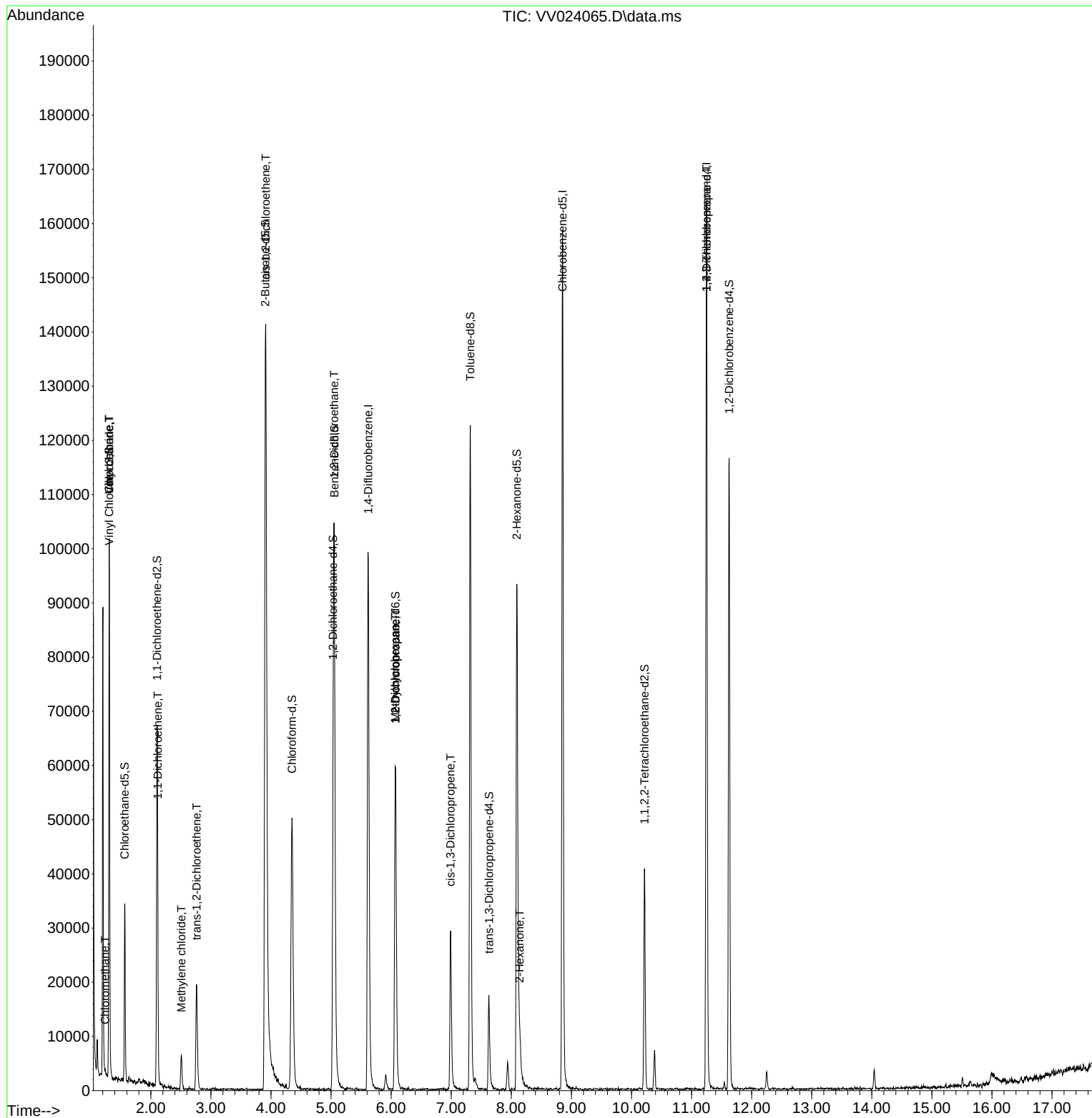
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	88025	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	91374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21620	4.569	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.564	69	19319	4.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.105	63	34133	3.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.905	46	33696	36.447	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.900%
24) Chloroform-d	4.349	84	52287	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	24644	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.053	84	96164	5.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.072	67	28182	5.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	81455	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.629	79	10589	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.092	63	33316	32.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18364	4.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	31742	5.266	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	329	0.050	ug/L #	49
5) Vinyl chloride	1.307	62	39221	5.524	ug/L	98
8) Chloroethane	1.307	64	13049	2.824	ug/L #	51
12) 1,1-Dichloroethene	2.114	96	539	0.091	ug/L #	1
16) Methylene chloride	2.510	84	2661	0.344	ug/L	88
18) trans-1,2-Dichloroethene	2.761	96	7518	1.150	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	71787	10.374	ug/L	99
27) 1,2-Dichloroethane	5.050	62	712	0.101	ug/L #	73
35) Methylcyclohexane	6.069	83	7288	0.679	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3478	0.566	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	751	0.082	ug/L #	33
48) 2-Hexanone	8.140	43	3721	1.739	ug/L #	51
61) 1,2,3-Trichloropropane	11.249	75	4752	1.546	ug/L #	62

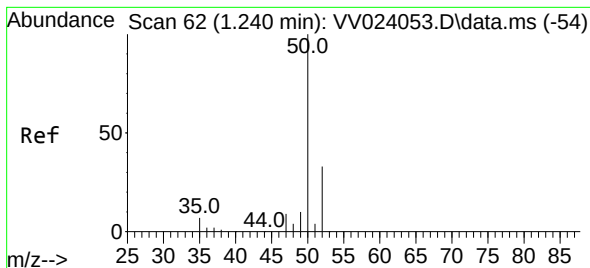
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.050 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV024065.D

Acq: 17 Dec 2021 15:28

Instrument :

MSVOA_V

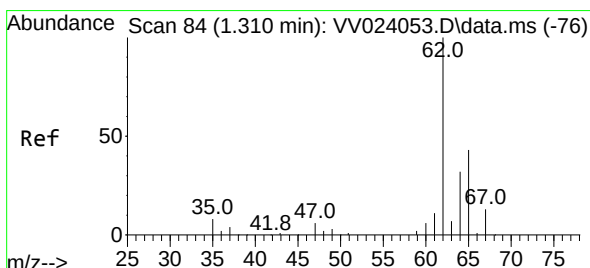
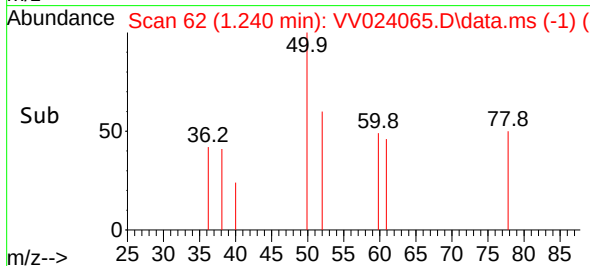
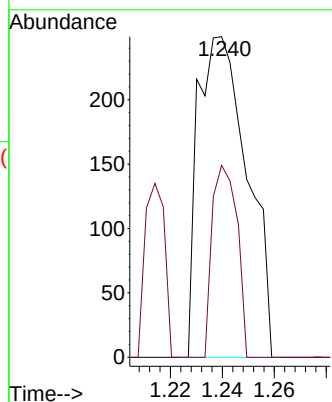
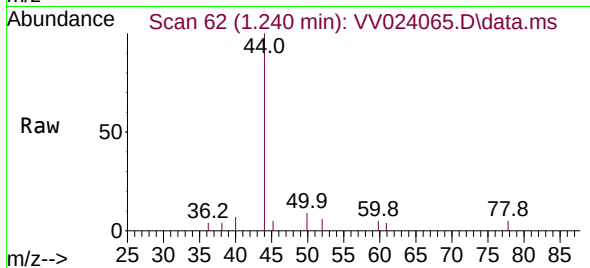
ClientSampleId :

Tgt Ion: 50 Resp: 329

Ion Ratio Lower Upper

50 100

52 59.8 22.0 41.0#



#5

Vinyl chloride

Concen: 5.524 ug/L

RT: 1.307 min Scan# 83

Delta R.T. -0.003 min

Lab File: VV024065.D

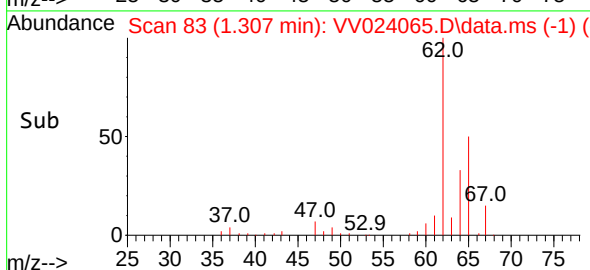
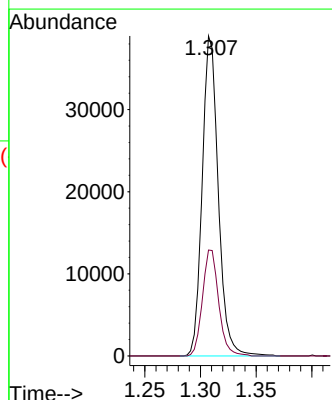
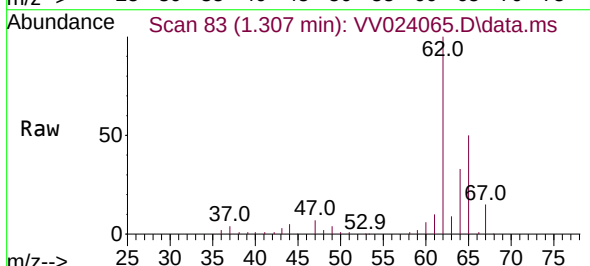
Acq: 17 Dec 2021 15:28

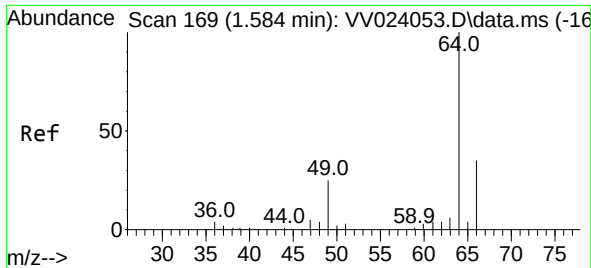
Tgt Ion: 62 Resp: 39221

Ion Ratio Lower Upper

62 100

64 33.1 22.4 41.6

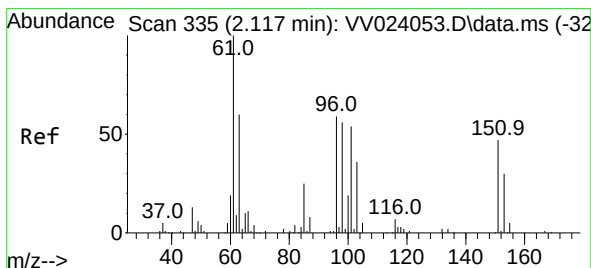
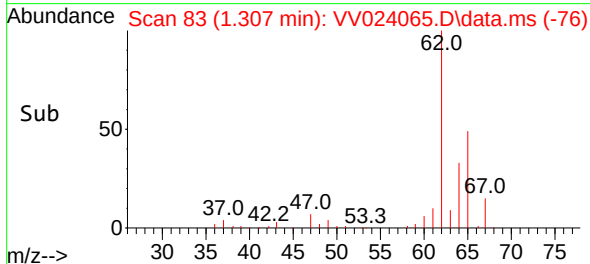
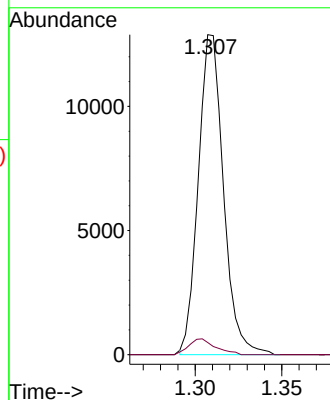
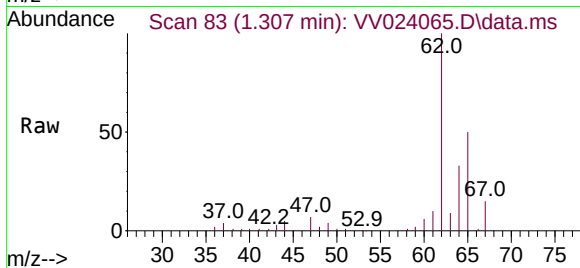




#8
Chloroethane
Concen: 2.824 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.276 min
Lab File: VV024065.D
Acq: 17 Dec 2021 15:28

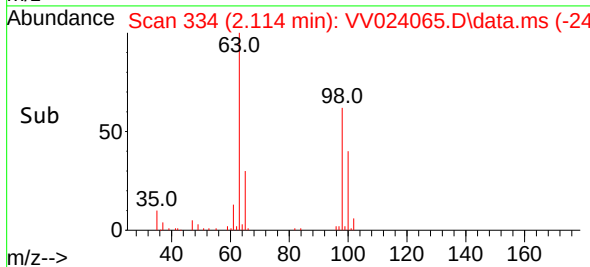
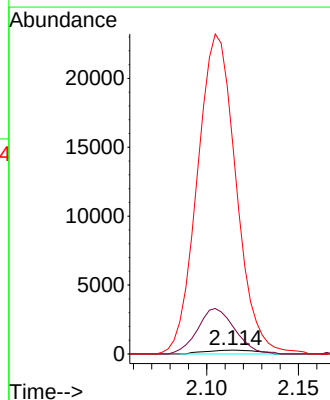
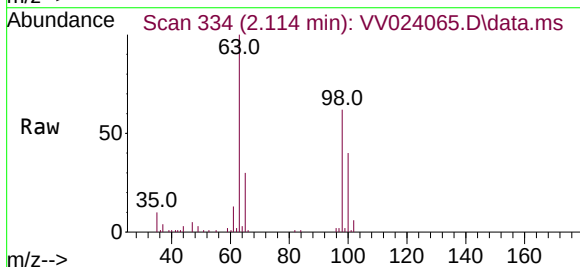
Instrument :
MSVOA_V
ClientSampleId :

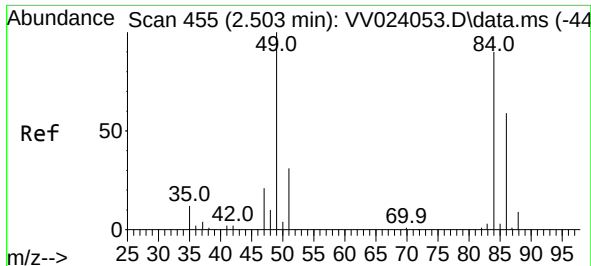
Tgt Ion: 64 Resp: 13049
Ion Ratio Lower Upper
64 100
66 3.8 21.4 39.8#



#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024065.D
Acq: 17 Dec 2021 15:28

Tgt Ion: 96 Resp: 539
Ion Ratio Lower Upper
96 100
61 728.6 116.1 215.5#
63 5516.1 79.4 147.4#

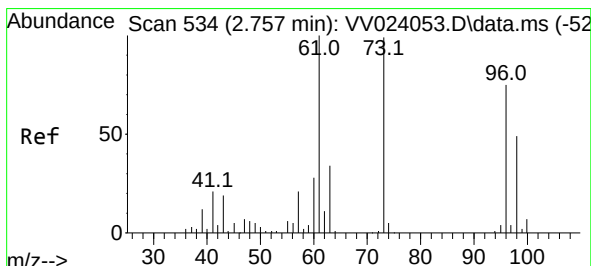
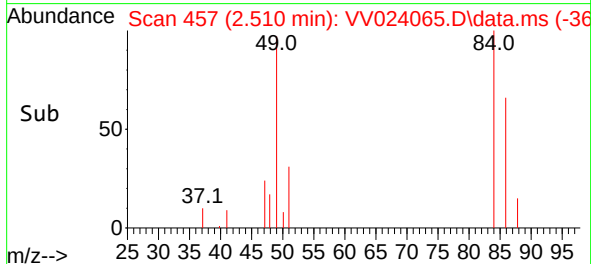
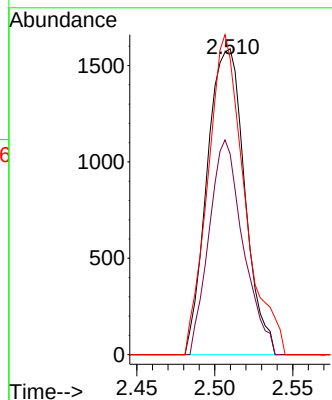
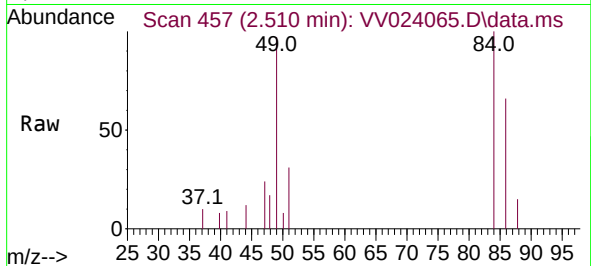




#16
Methylene chloride
Concen: 0.344 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV024065.D
Acq: 17 Dec 2021 15:28

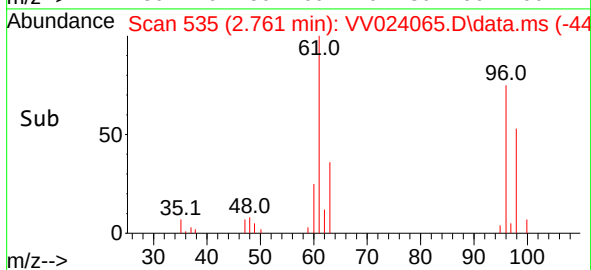
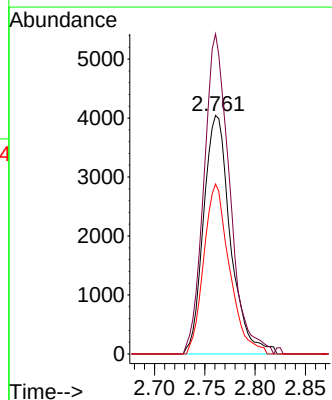
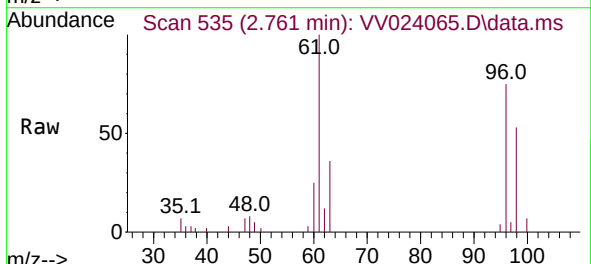
Instrument :
MSVOA_V
ClientSampleId :

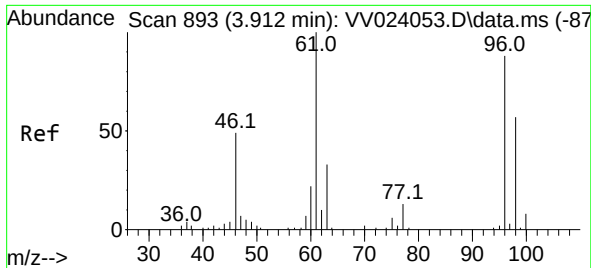
Tgt Ion: 84 Resp: 2661
Ion Ratio Lower Upper
84 100
86 65.7 42.6 79.0
49 96.8 79.7 147.9



#18
trans-1,2-Dichloroethene
Concen: 1.150 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024065.D
Acq: 17 Dec 2021 15:28

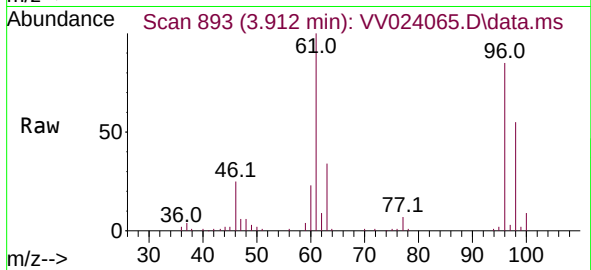
Tgt Ion: 96 Resp: 7518
Ion Ratio Lower Upper
96 100
61 134.2 88.2 163.8
98 71.2 44.9 83.5





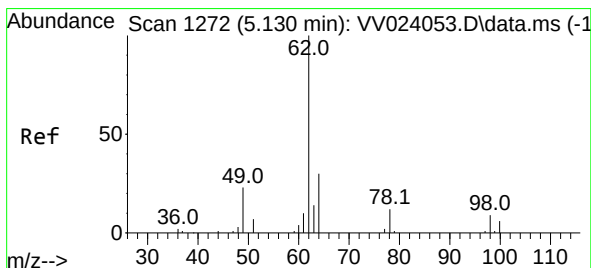
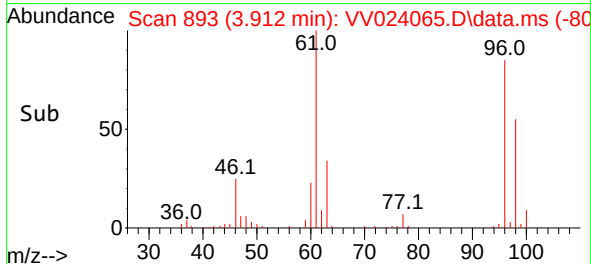
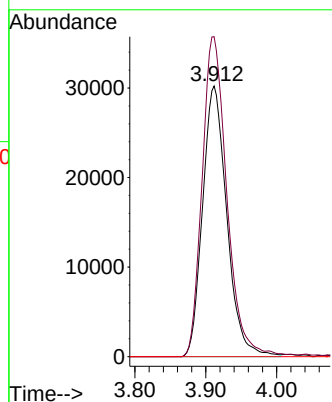
#22
 cis-1,2-Dichloroethene
 Concen: 10.374 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV024065.D
 Acq: 17 Dec 2021 15:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 71787

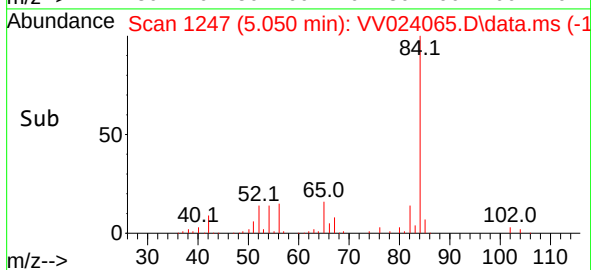
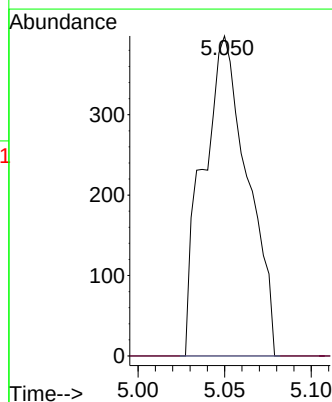
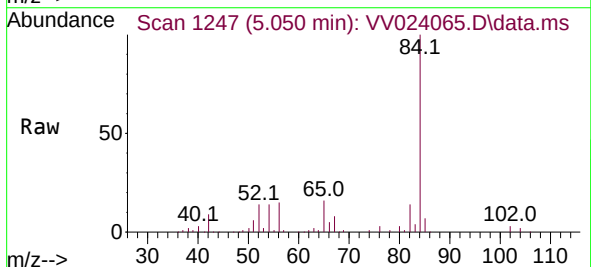
Ion	Ratio	Lower	Upper
96	100		
61	118.2	83.4	154.8
68	0.0	0.0	0.0

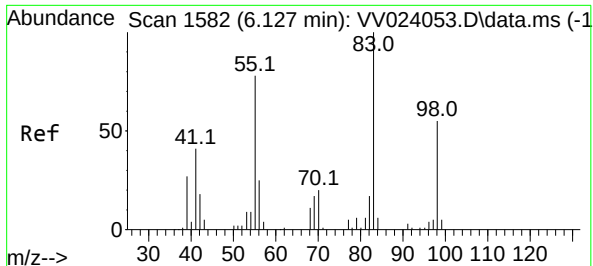


#27
 1,2-Dichloroethane
 Concen: 0.101 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.080 min
 Lab File: VV024065.D
 Acq: 17 Dec 2021 15:28

Tgt Ion: 62 Resp: 712

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.1	12.1#





#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024065.D

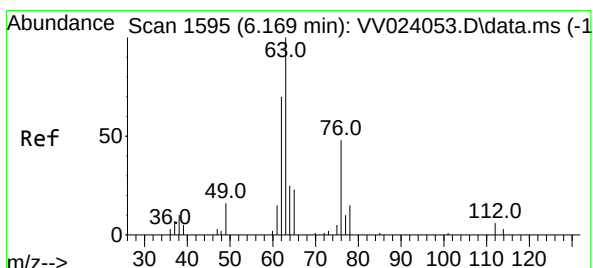
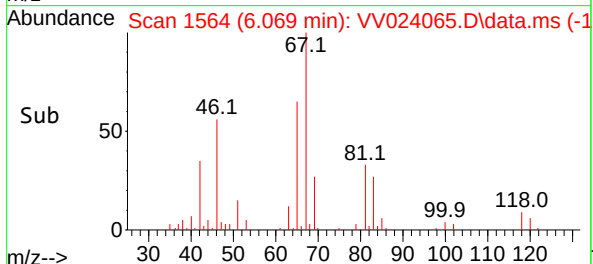
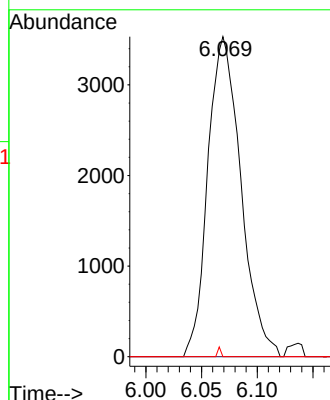
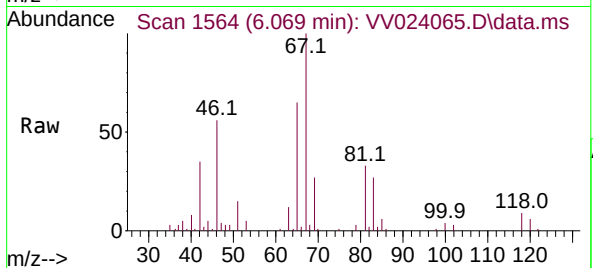
Acq: 17 Dec 2021 15:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7288
Ion Ratio	Lower Upper
83 100	
55 0.0	60.2 90.2#
98 0.3	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

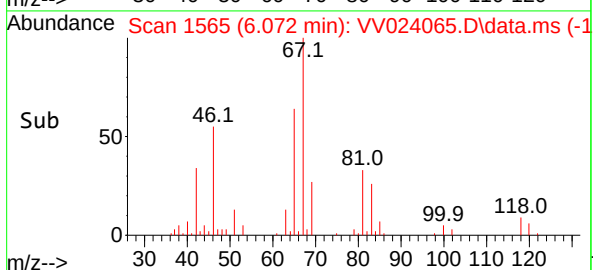
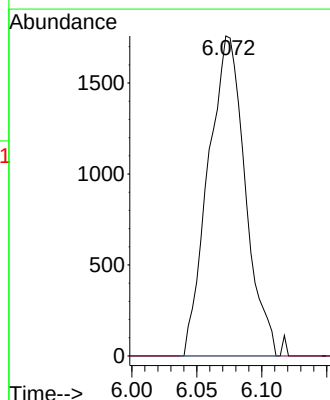
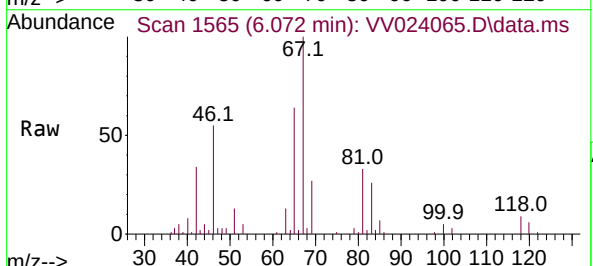
RT: 6.072 min Scan# 1565

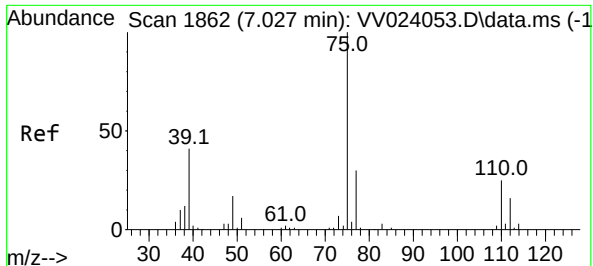
Delta R.T. -0.096 min

Lab File: VV024065.D

Acq: 17 Dec 2021 15:28

Tgt Ion: 63	Resp: 3478
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV024065.D

Acq: 17 Dec 2021 15:28

Instrument :

MSVOA_V

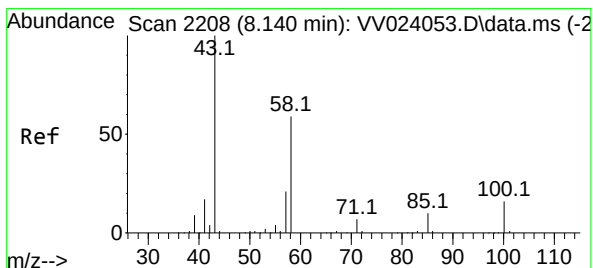
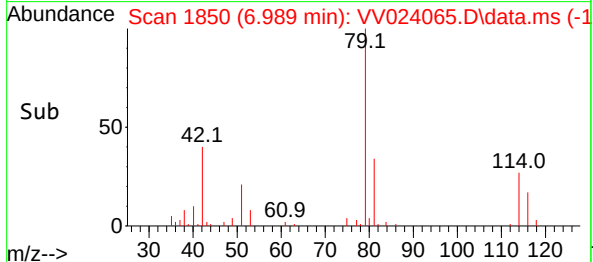
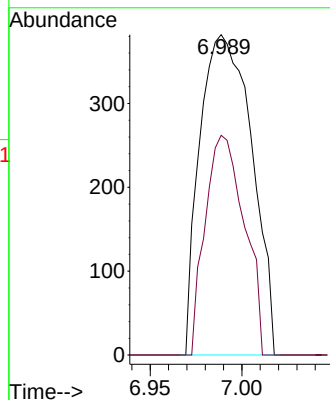
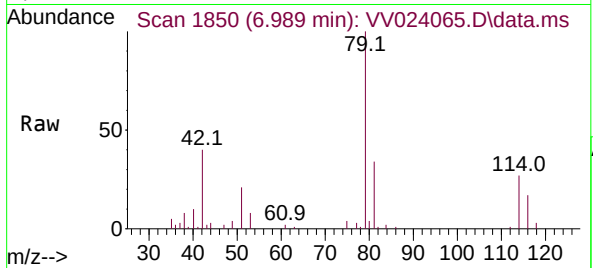
ClientSampleId :

Tgt Ion: 75 Resp: 751

Ion Ratio Lower Upper

75 100

77 68.6 22.0 41.0#



#48

2-Hexanone

Concen: 1.739 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV024065.D

Acq: 17 Dec 2021 15:28

Tgt Ion: 43 Resp: 3721

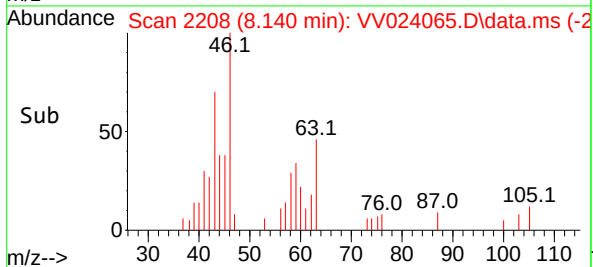
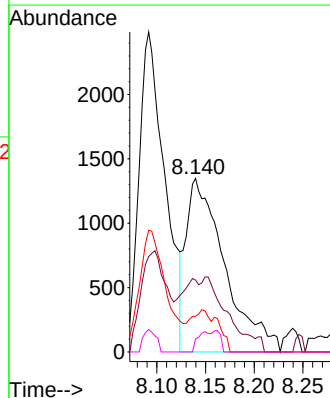
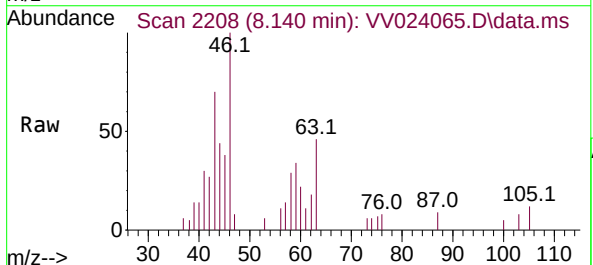
Ion Ratio Lower Upper

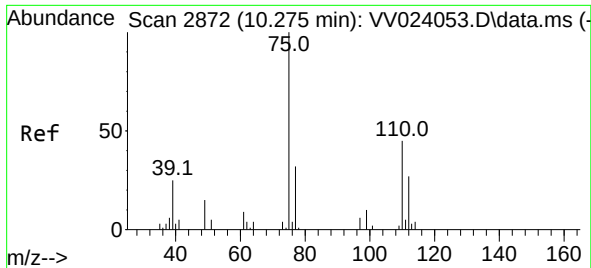
43 100

58 4.5 44.5 66.7#

57 16.7 15.1 22.7

100 3.4 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.546 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

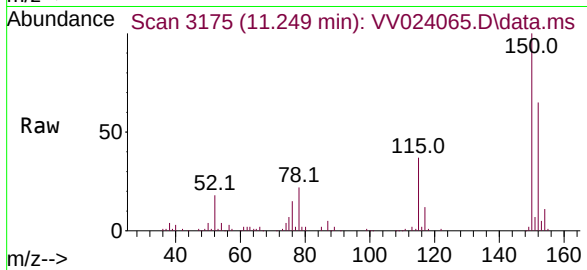
Lab File: VV024065.D

Acq: 17 Dec 2021 15:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4752

Ion Ratio Lower Upper

75 100

77 35.7 26.4 39.6

110 1.6 34.2 51.2#

