

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023581.D
 Acq On : 17 Nov 2021 19:47
 Operator : SY/MD
 Sample : M4627-07DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4641DL

Quant Time: Nov 18 00:24:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

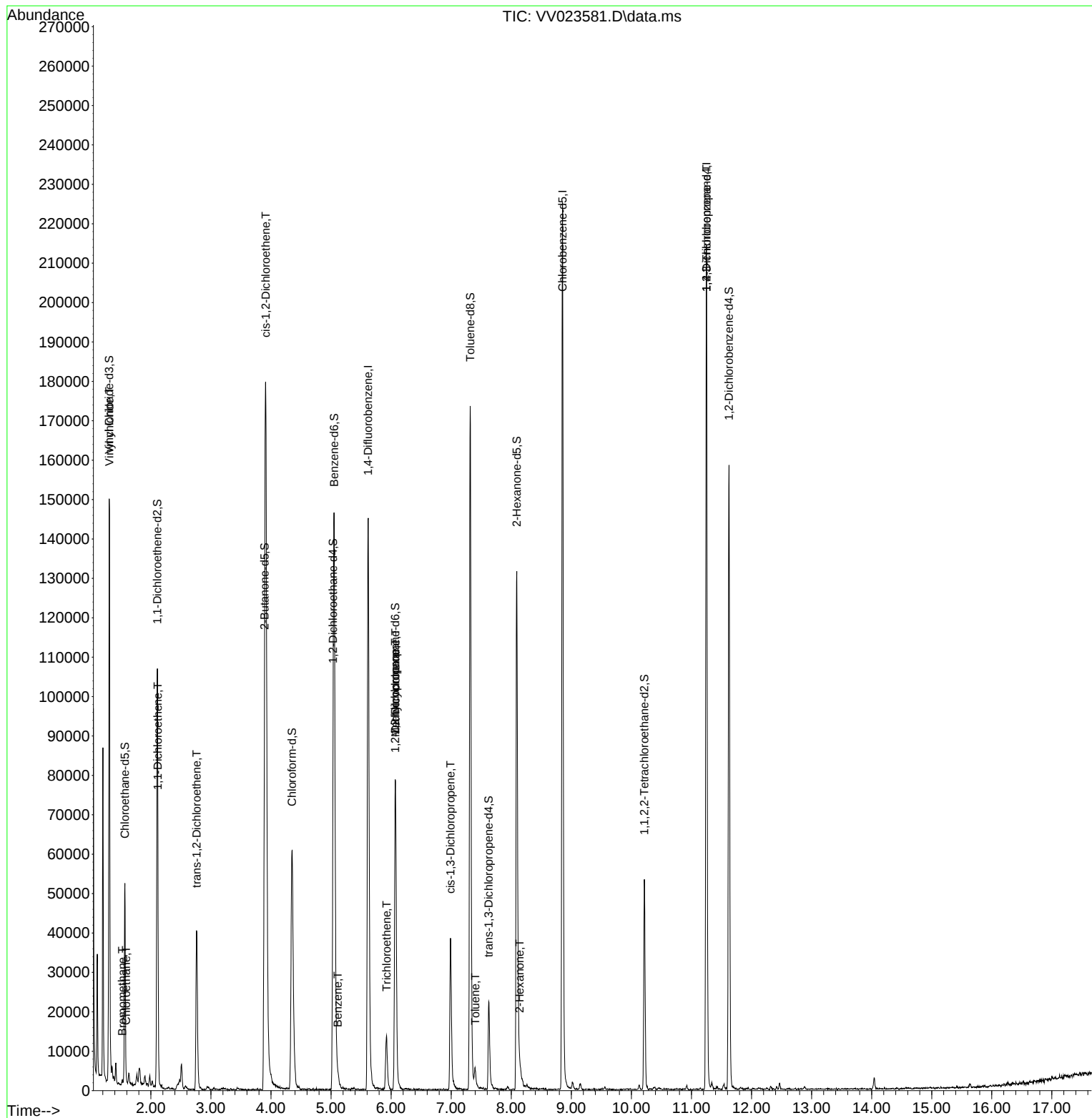
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130004	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42259	5.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%
7) Chloroethane-d5	1.568	69	29978	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.108	63	54453	3.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.892	46	59725	42.566	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.140%
24) Chloroform-d	4.352	84	62534	3.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
26) 1,2-Dichloroethane-d4	5.034	65	31728	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.053	84	133852	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.069	67	37981	4.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.317	98	117945	3.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.625	79	13322	3.703	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.092	63	45632	34.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24533	3.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	42438	4.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	48843	4.538	ug/L	98
6) Bromomethane	1.523	94	395	0.057	ug/L	87
8) Chloroethane	1.587	64	865	0.139	ug/L #	43
12) 1,1-Dichloroethene	2.118	96	1176	0.152	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	15712	1.649	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	93867	10.234	ug/L #	85
33) Benzene	5.114	78	2666	0.076	ug/L	100
34) Trichloroethene	5.924	95	4681	0.501	ug/L	96
35) Methylcyclohexane	6.072	83	9071	0.616	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	4200	0.512	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1146	0.097	ug/L #	53
42) Toluene	7.400	91	4110	0.109	ug/L	100
48) 2-Hexanone	8.140	43	1998	0.750	ug/L #	47
61) 1,2,3-Trichloropropane	11.249	75	5841	1.492	ug/L #	63

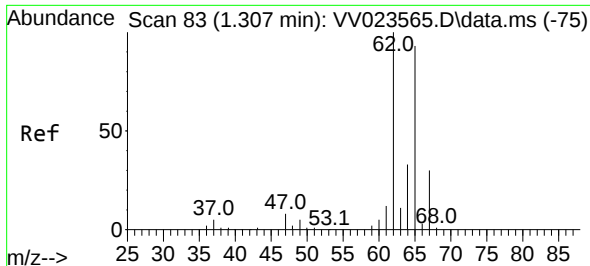
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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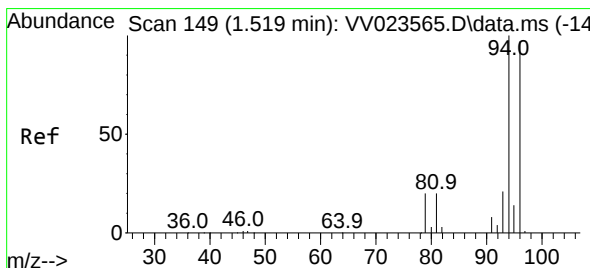
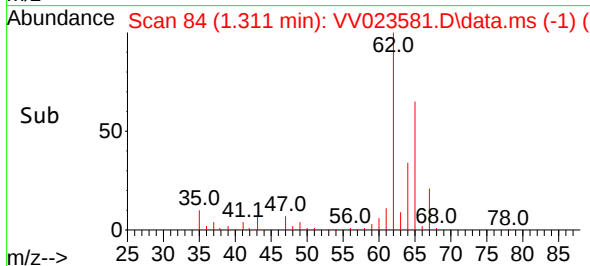
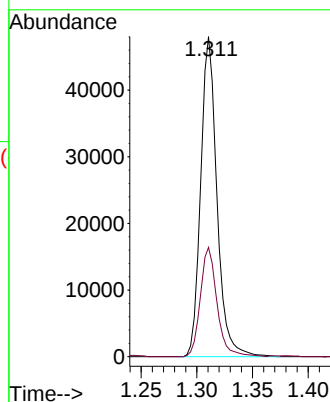
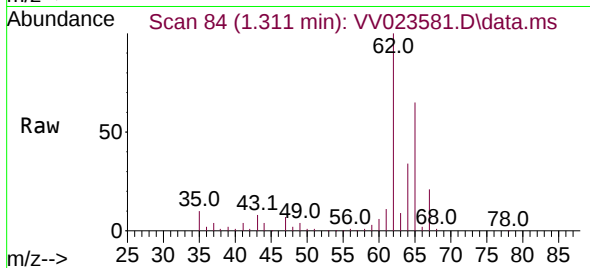




#5
 Vinyl chloride
 Concen: 4.538 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023581.D
 Acq: 17 Nov 2021 19:47

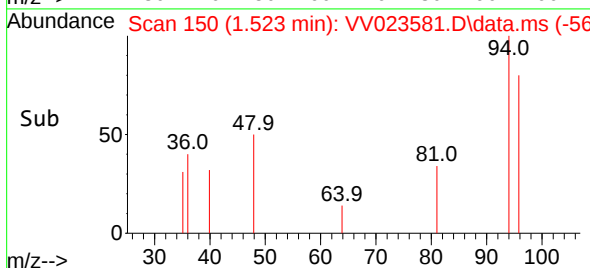
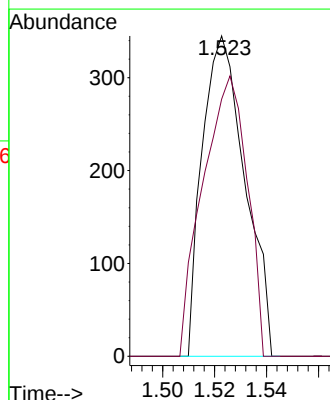
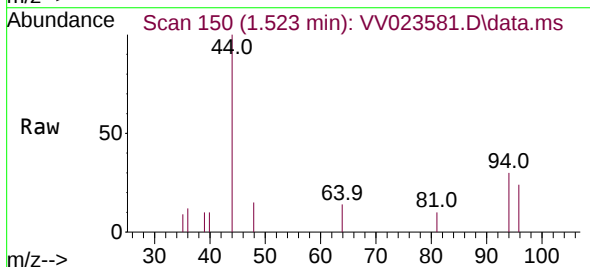
Instrument :
 MSVOA_V
 ClientSampleId :
 H4641DL

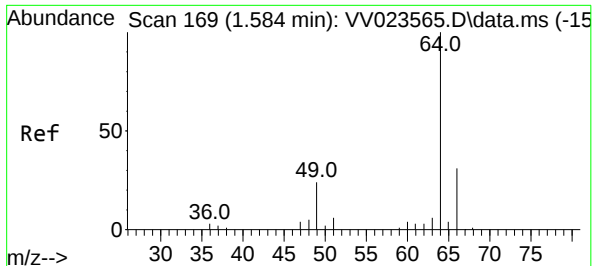
Tgt Ion: 62 Resp: 48843
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.1 42.9



#6
 Bromomethane
 Concen: 0.057 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023581.D
 Acq: 17 Nov 2021 19:47

Tgt Ion: 94 Resp: 395
 Ion Ratio Lower Upper
 94 100
 96 80.3 65.0 120.8

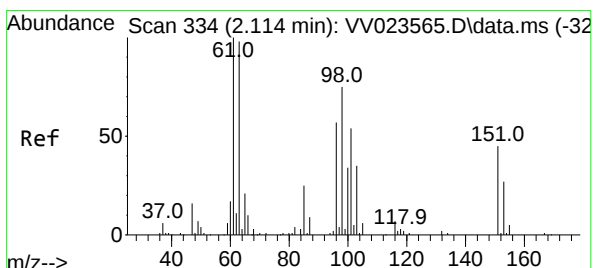
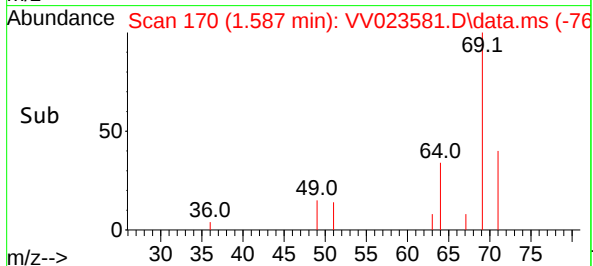
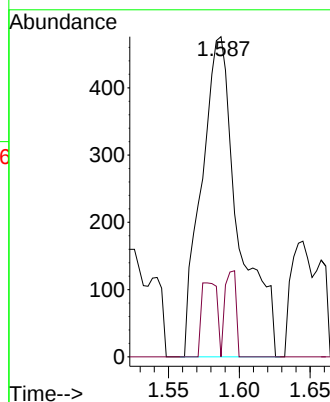
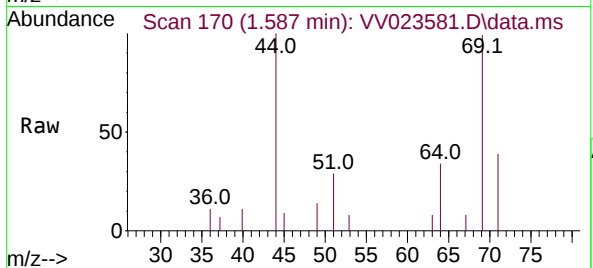




#8
Chloroethane
Concen: 0.139 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

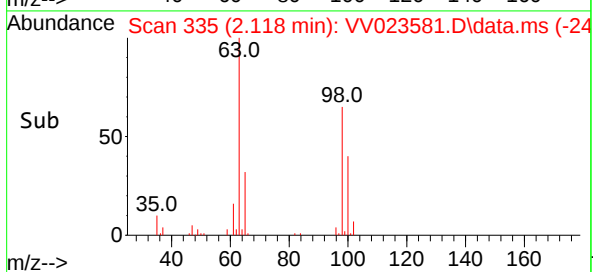
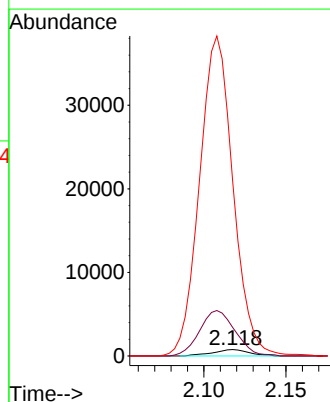
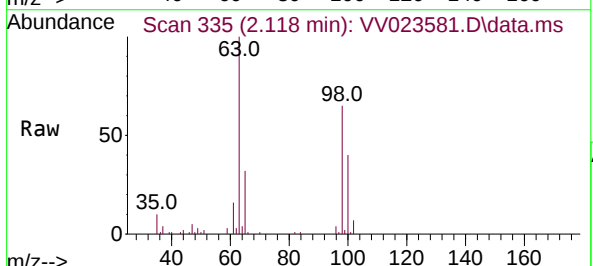
Instrument :
MSVOA_V
ClientSampleId :
H4641DL

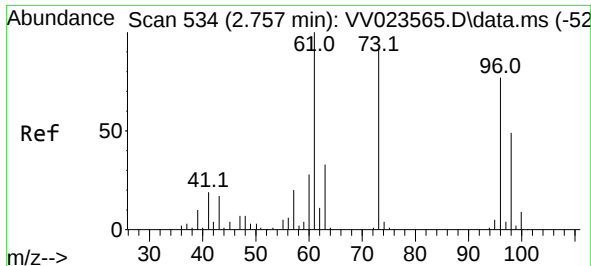
Tgt Ion: 64 Resp: 865
Ion Ratio Lower Upper
64 100
66 0.0 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.152 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

Tgt Ion: 96 Resp: 1176
Ion Ratio Lower Upper
96 100
61 443.2 121.5 225.7#
63 2710.2 99.6 185.0#

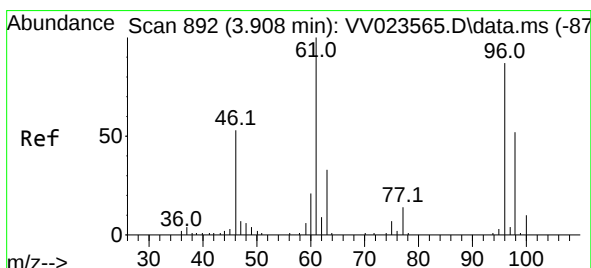
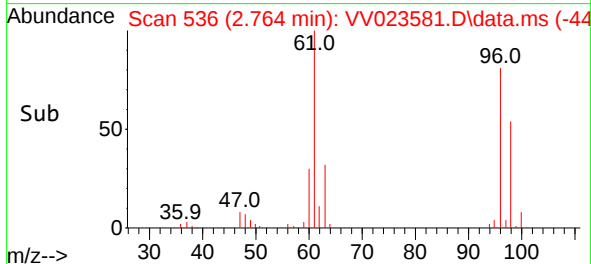
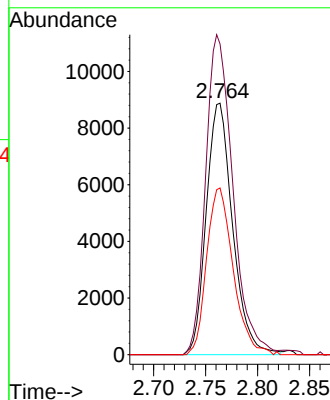
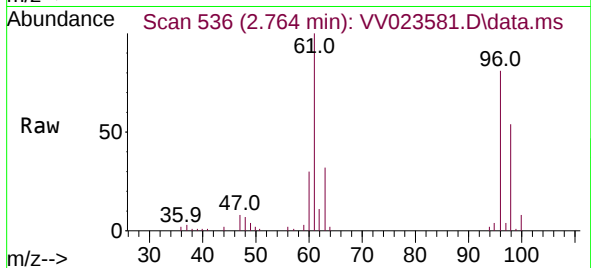




#18
trans-1,2-Dichloroethene
Concen: 1.649 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

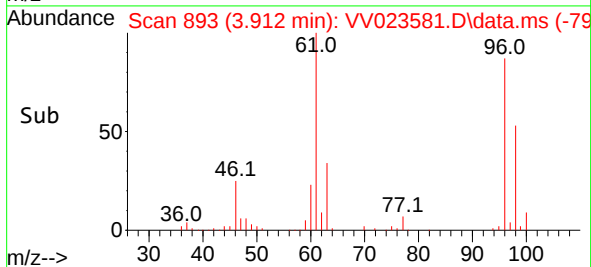
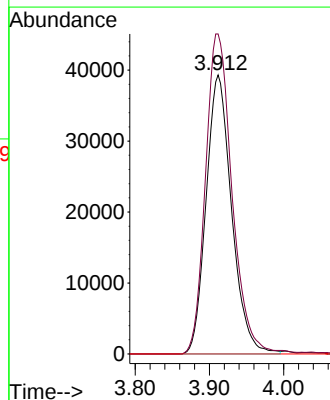
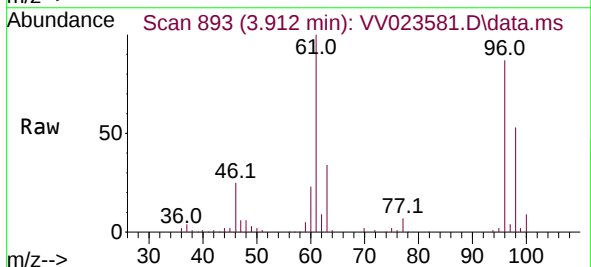
Instrument :
MSVOA_V
ClientSampleId :
H4641DL

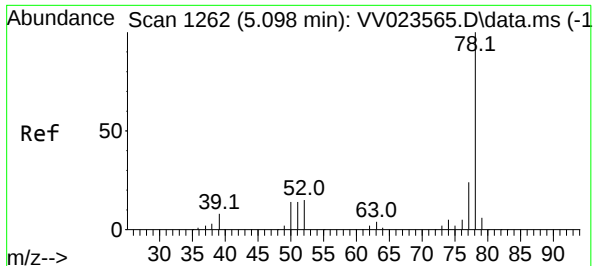
Tgt Ion: 96 Resp: 15712
Ion Ratio Lower Upper
96 100
61 123.5 93.2 173.2
98 66.3 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 10.234 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

Tgt Ion: 96 Resp: 93867
Ion Ratio Lower Upper
96 100
61 114.7 92.3 171.3
68 0.0 0.4 0.8#

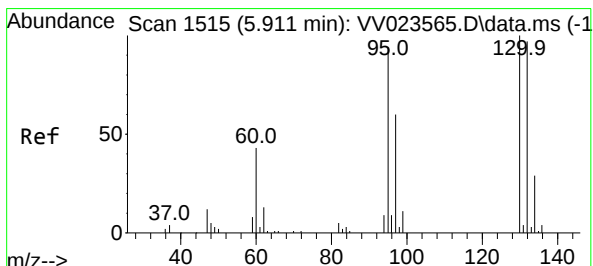
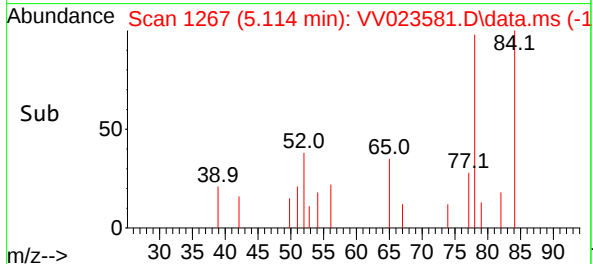
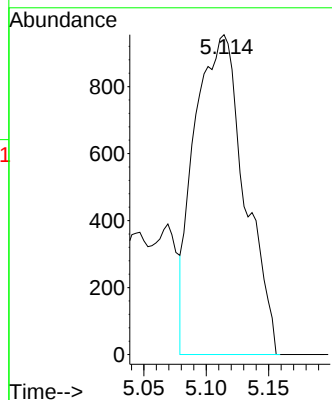
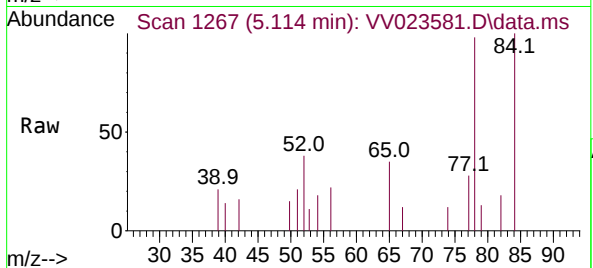




#33
Benzene
Concen: 0.076 ug/L
RT: 5.114 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

Instrument :
MSVOA_V
ClientSampleId :
H4641DL

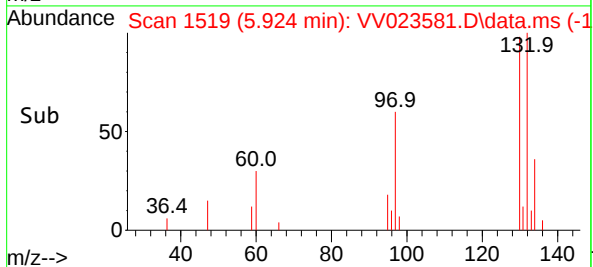
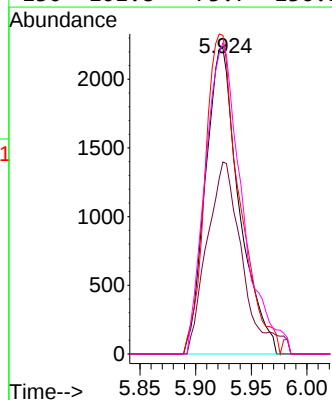
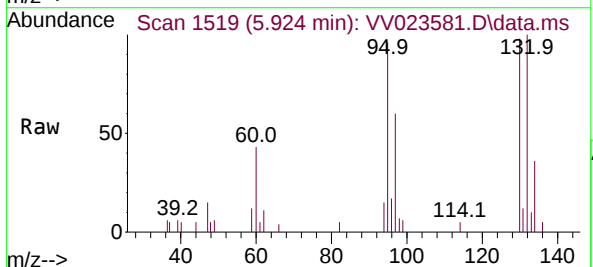
Tgt Ion: 78 Resp: 2666

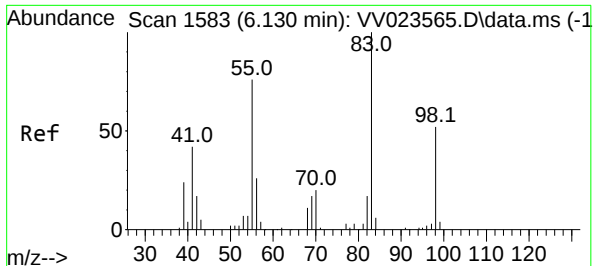


#34
Trichloroethene
Concen: 0.501 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

Tgt Ion: 95 Resp: 4681

Ion	Ratio	Lower	Upper
95	100		
97	62.8	45.0	83.6
132	104.3	69.7	129.4
130	101.8	73.7	136.9





#35

Methylcyclohexane

Concen: 0.616 ug/L

RT: 6.072 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV023581.D

Acq: 17 Nov 2021 19:47

Instrument :

MSVOA_V

ClientSampleId :

H4641DL

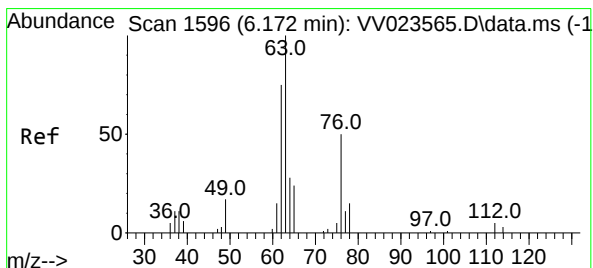
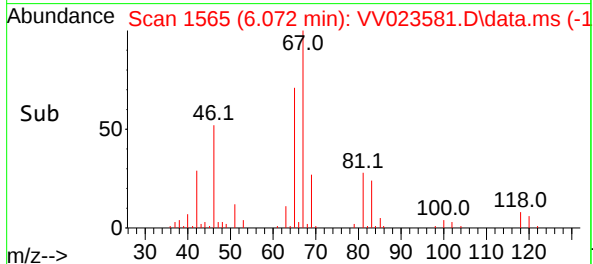
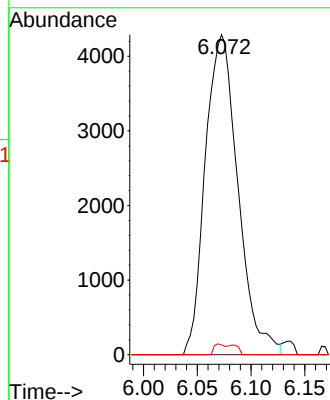
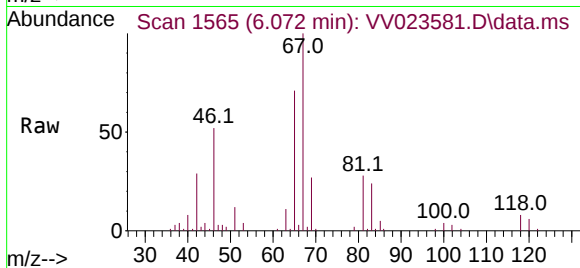
Tgt Ion: 83 Resp: 9071

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 1.1 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV023581.D

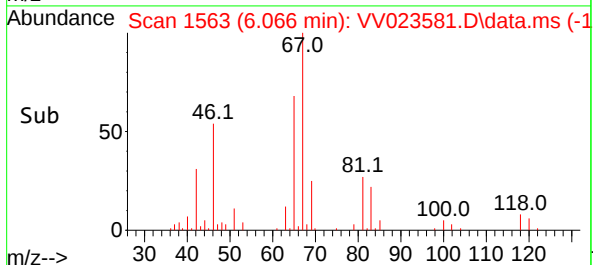
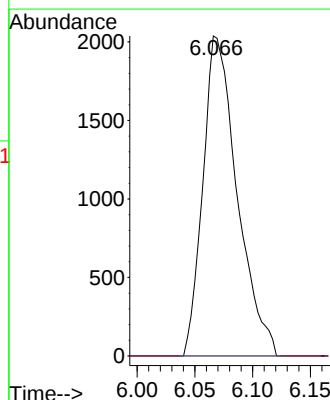
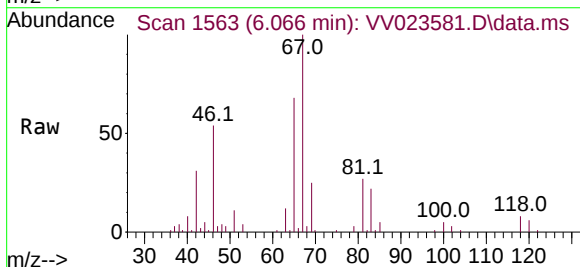
Acq: 17 Nov 2021 19:47

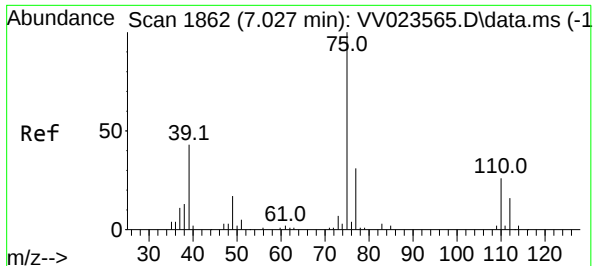
Tgt Ion: 63 Resp: 4200

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV023581.D

Acq: 17 Nov 2021 19:47

Instrument :

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ClientSampleId :

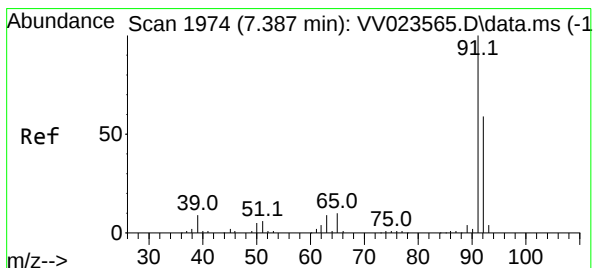
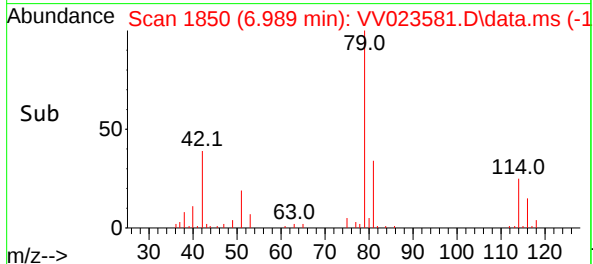
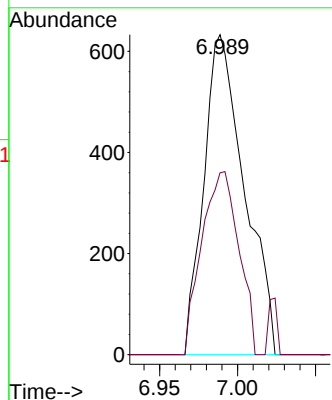
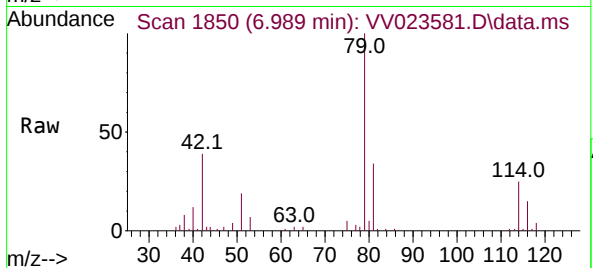
H4641DL

Tgt Ion: 75 Resp: 1146

Ion Ratio Lower Upper

75 100

77 56.9 21.6 40.2#



#42

Toluene

Concen: 0.109 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023581.D

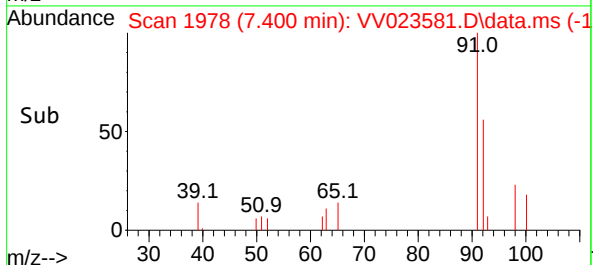
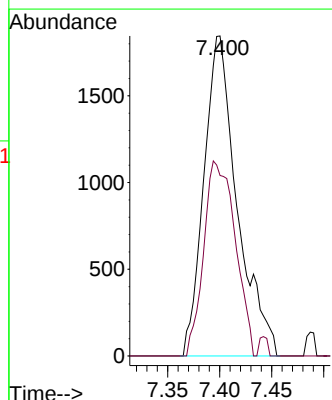
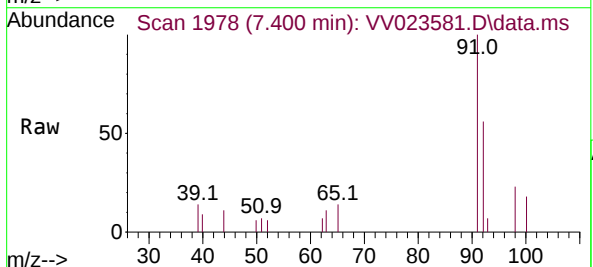
Acq: 17 Nov 2021 19:47

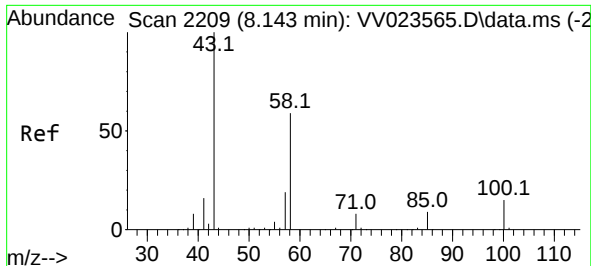
Tgt Ion: 91 Resp: 4110

Ion Ratio Lower Upper

91 100

92 56.4 39.3 72.9

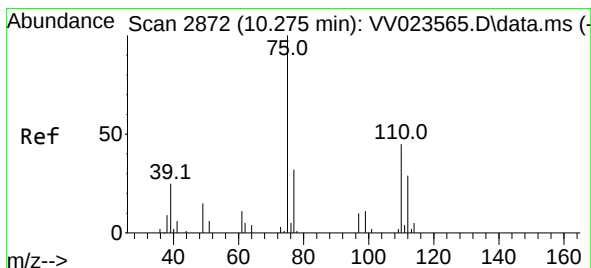
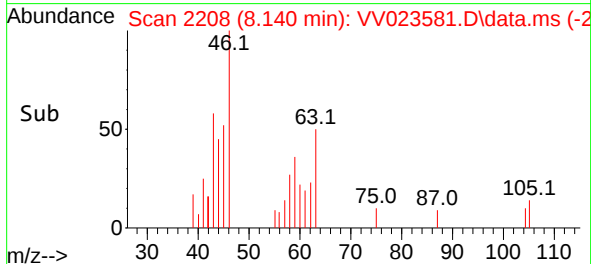
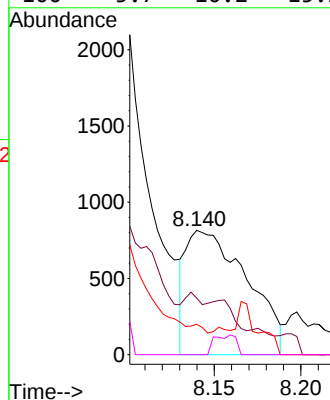
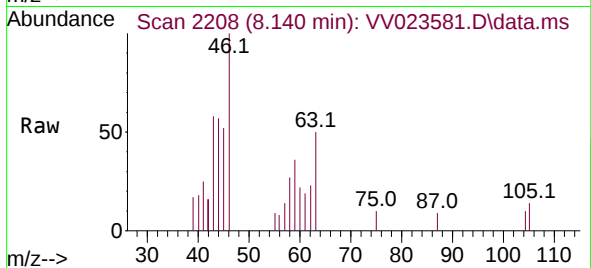




#48
2-Hexanone
Concen: 0.750 ug/L
RT: 8.140 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

Instrument : MSVOA_V
ClientSampleId : H4641DL

Tgt Ion:	43	Resp:	1998
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.7	65.5#
57	15.1	14.1	21.1
100	5.7	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.492 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023581.D
Acq: 17 Nov 2021 19:47

Tgt Ion:	75	Resp:	5841
Ion	Ratio	Lower	Upper
75	100		
77	38.6	26.6	39.8
110	3.2	31.8	47.6#

