

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023585.D
 Acq On : 17 Nov 2021 21:23
 Operator : SY/MD
 Sample : M4627-11DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4673DL

Quant Time: Nov 18 00:25:17 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)

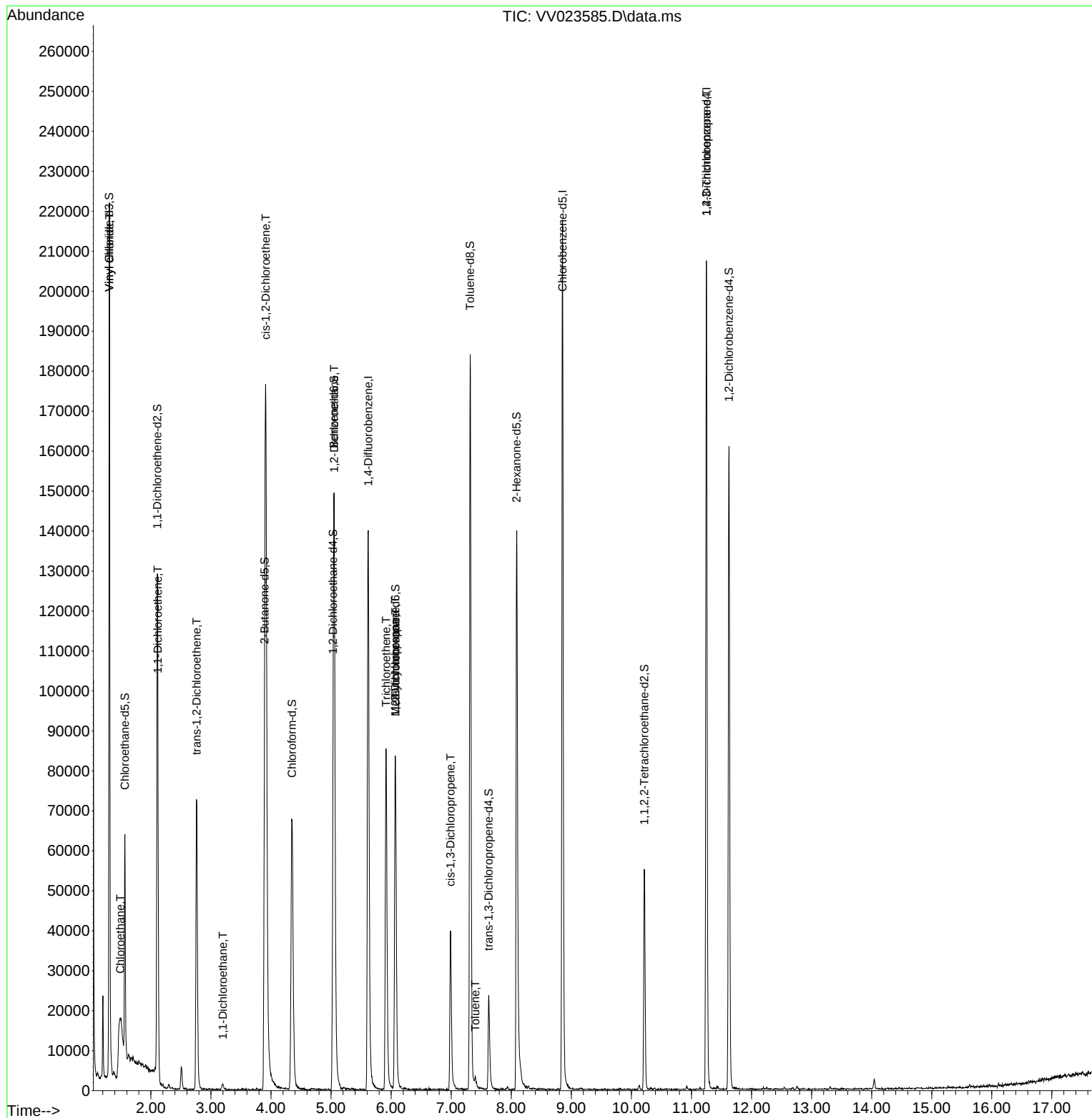
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127985	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44040	5.493	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.800%
7) Chloroethane-d5	1.568	69	31840	4.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.108	63	58593	3.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.892	46	63656	46.084	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.160%
24) Chloroform-d	4.352	84	71350	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.034	65	32904	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.050	84	136537	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.072	67	39757	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.317	98	120847	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.625	79	14135	4.060	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.088	63	48059	37.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25164	3.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	43210	4.582	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	101503	9.578	ug/L	99
8) Chloroethane	1.490	64	50185	8.206	ug/L #	51
12) 1,1-Dichloroethene	2.117	96	8490	1.112	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	28194	3.005	ug/L	97
19) 1,1-Dichloroethane	3.198	63	1939	0.122	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	90440	10.016	ug/L #	91
27) 1,2-Dichloroethane	5.053	62	851	0.095	ug/L #	72
34) Trichloroethene	5.918	95	30173	3.339	ug/L	97
35) Methylcyclohexane	6.072	83	10186	0.714	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4456	0.562	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1226	0.107	ug/L	85
42) Toluene	7.400	91	2276	0.063	ug/L	85
61) 1,2,3-Trichloropropane	11.249	75	5897	1.567	ug/L #	64

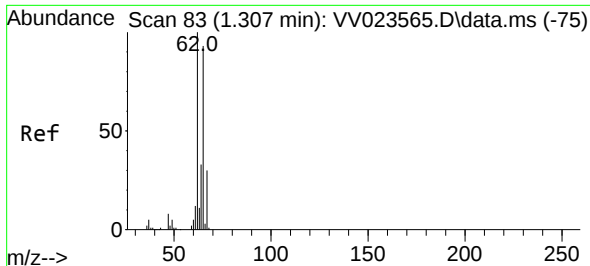
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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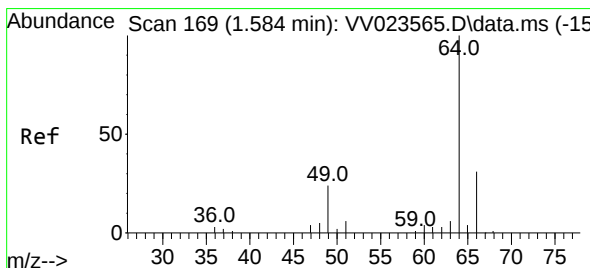
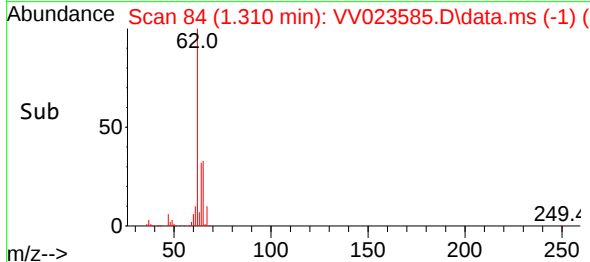
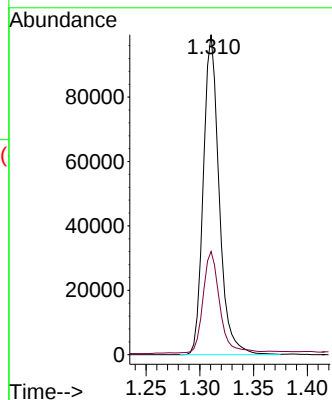
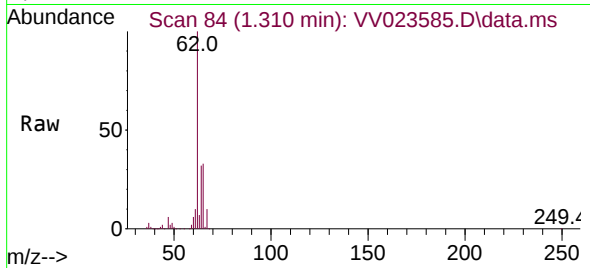




#5
 Vinyl chloride
 Concen: 9.578 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023585.D
 Acq: 17 Nov 2021 21:23

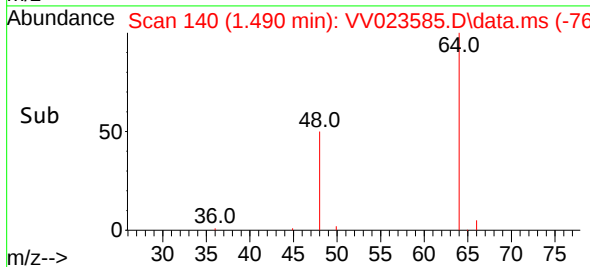
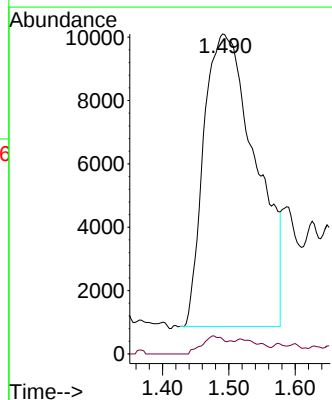
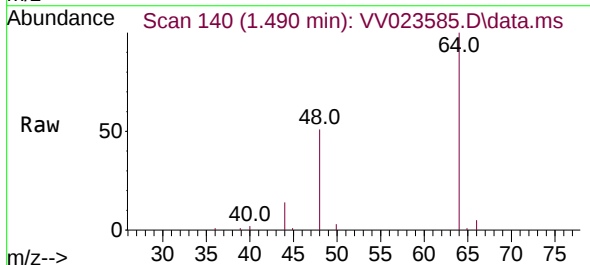
Instrument :
 MSVOA_V
 ClientSampleId :
 H4673DL

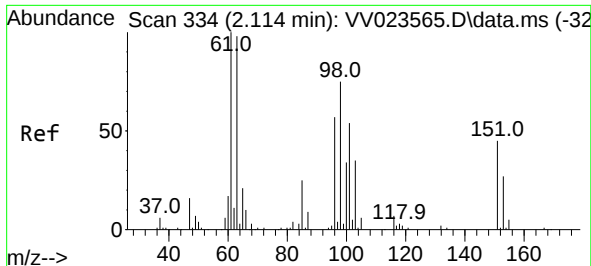
Tgt Ion: 62 Resp: 101503
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#8
 Chloroethane
 Concen: 8.206 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.093 min
 Lab File: VV023585.D
 Acq: 17 Nov 2021 21:23

Tgt Ion: 64 Resp: 50185
 Ion Ratio Lower Upper
 64 100
 66 4.7 22.1 41.1#

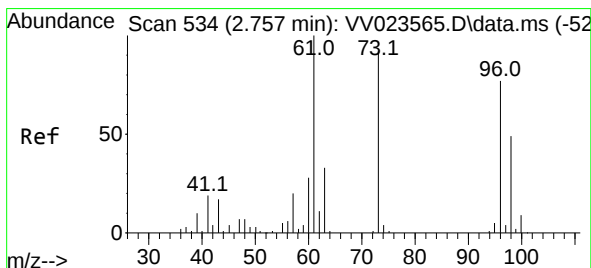
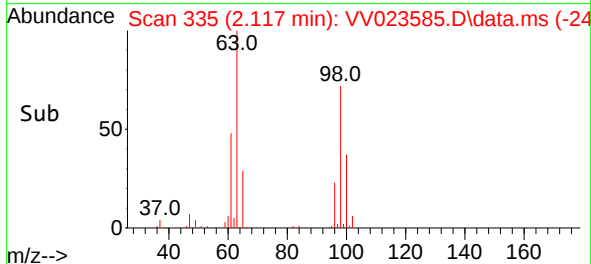
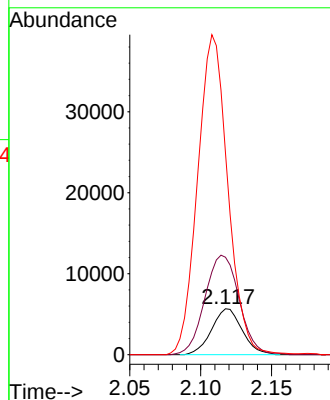
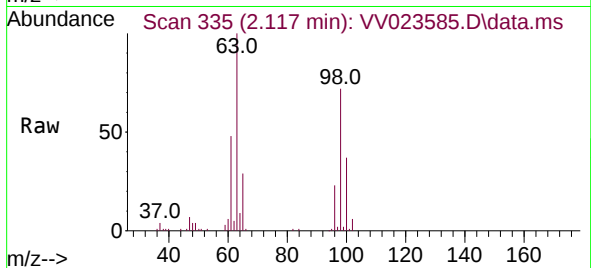




#12
1,1-Dichloroethene
Concen: 1.112 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV023585.D
Acq: 17 Nov 2021 21:23

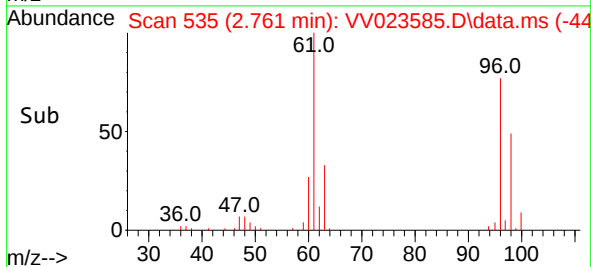
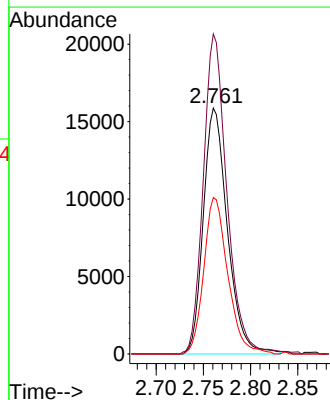
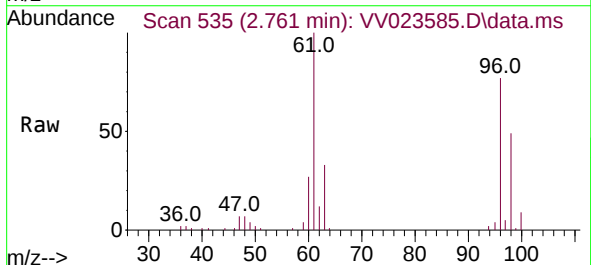
Instrument :
MSVOA_V
ClientSampleId :
H4673DL

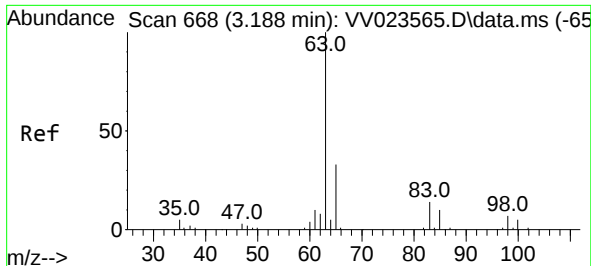
Tgt Ion: 96 Resp: 8490
Ion Ratio Lower Upper
96 100
61 212.1 121.5 225.7
63 438.8 99.6 185.0#



#18
trans-1,2-Dichloroethene
Concen: 3.005 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023585.D
Acq: 17 Nov 2021 21:23

Tgt Ion: 96 Resp: 28194
Ion Ratio Lower Upper
96 100
61 130.1 93.2 173.2
98 63.6 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.122 ug/L

RT: 3.198 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV023585.D

Acq: 17 Nov 2021 21:23

Instrument :

MSVOA_V

ClientSampleId :

H4673DL

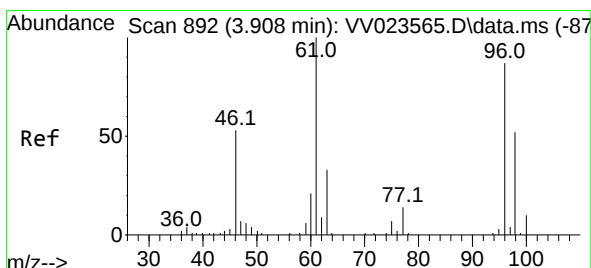
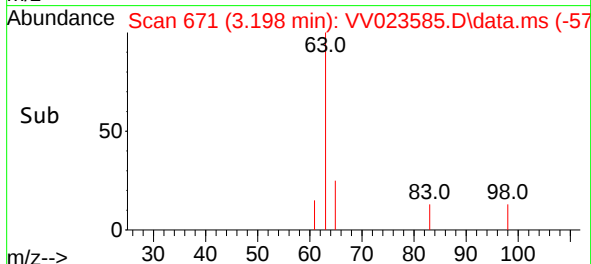
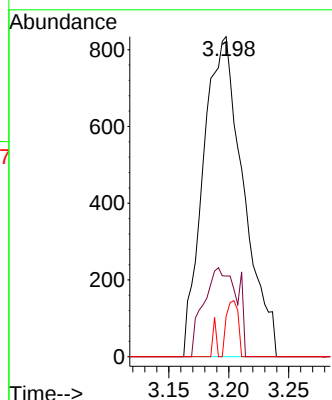
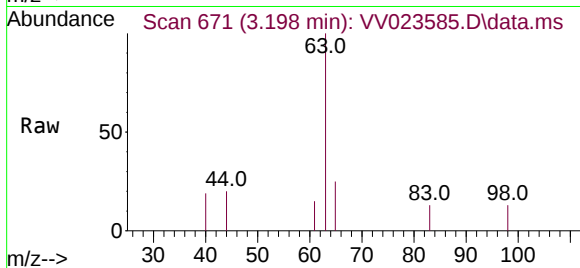
Tgt Ion: 63 Resp: 1939

Ion Ratio Lower Upper

63 100

65 25.2 22.6 42.0

83 12.6 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 10.016 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV023585.D

Acq: 17 Nov 2021 21:23

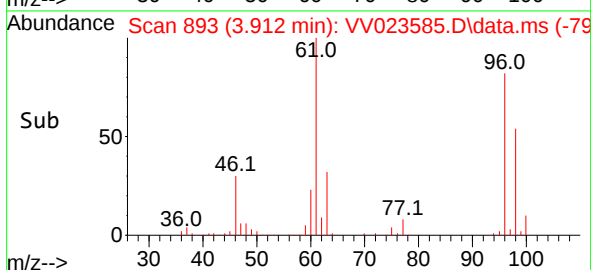
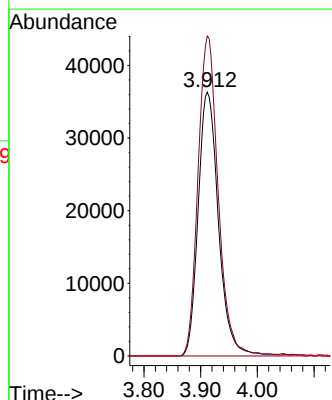
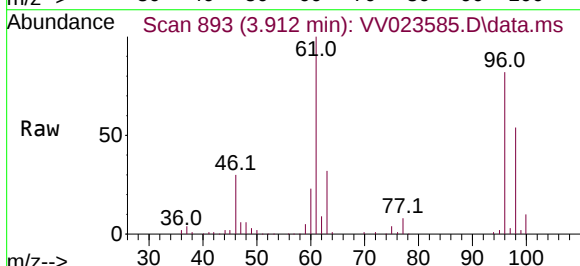
Tgt Ion: 96 Resp: 90440

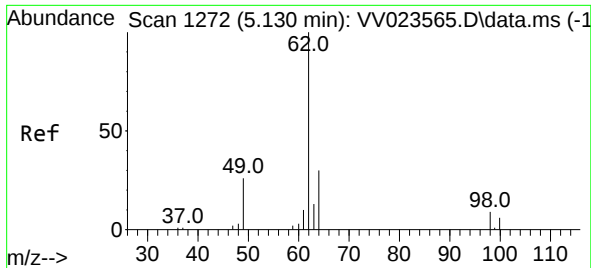
Ion Ratio Lower Upper

96 100

61 121.3 92.3 171.3

68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023585.D

Acq: 17 Nov 2021 21:23

Instrument :

MSVOA_V

ClientSampleId :

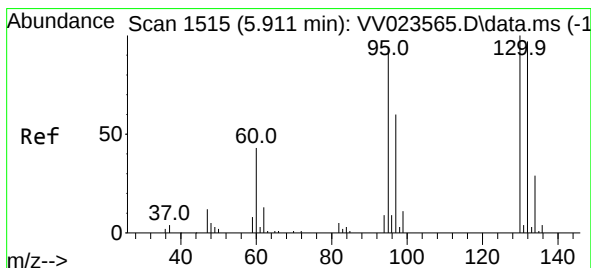
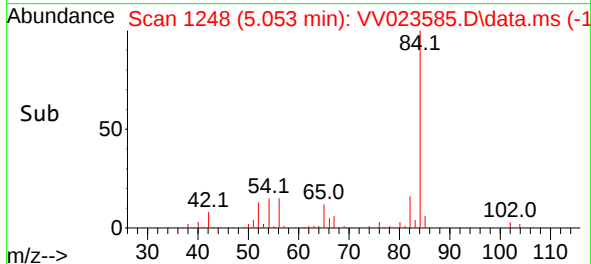
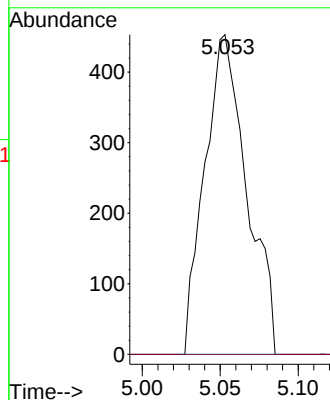
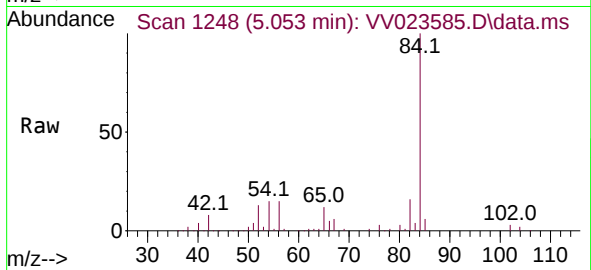
H4673DL

Tgt Ion: 62 Resp: 851

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 3.339 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV023585.D

Acq: 17 Nov 2021 21:23

Tgt Ion: 95 Resp: 30173

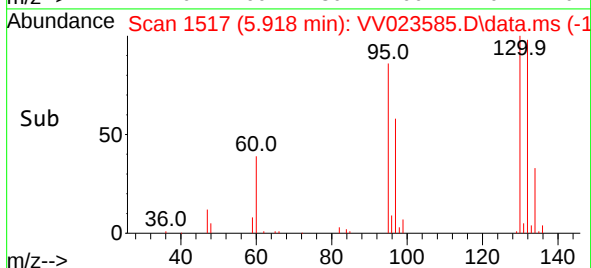
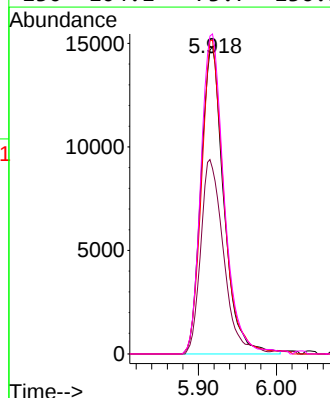
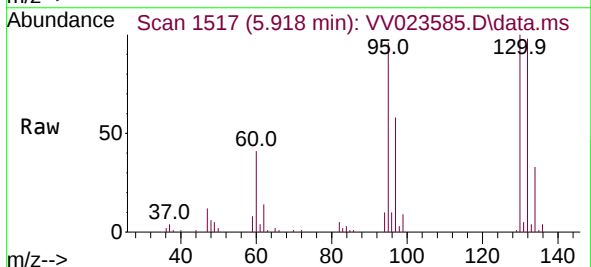
Ion Ratio Lower Upper

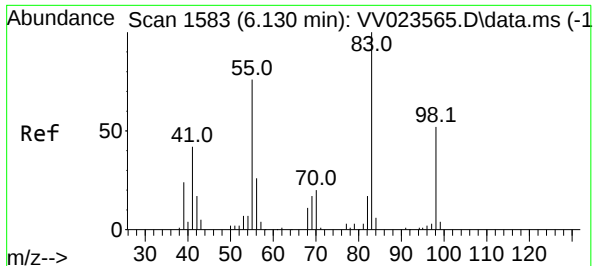
95 100

97 60.3 45.0 83.6

132 102.1 69.7 129.4

130 104.1 73.7 136.9





#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023585.D

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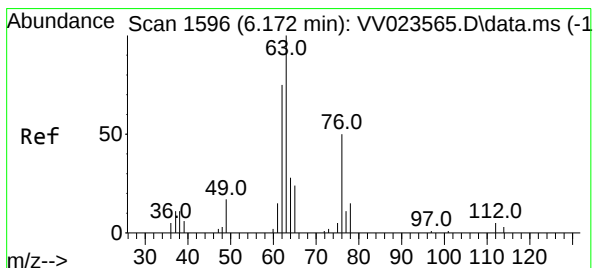
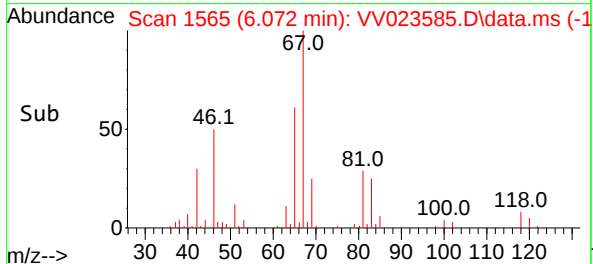
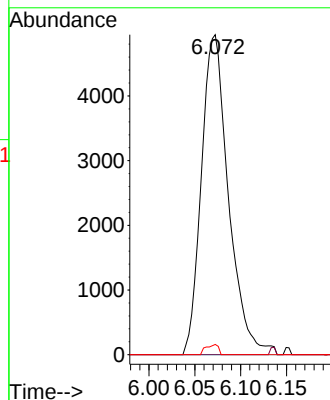
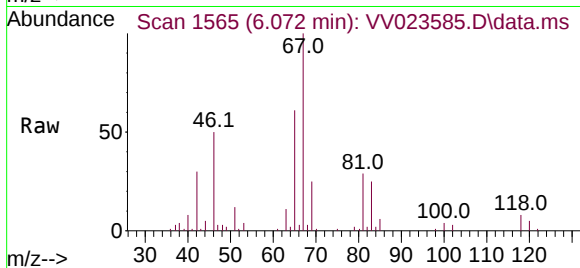
Tgt Ion: 83 Resp: 10186

Ion Ratio Lower Upper

83 100

55 0.4 62.8 94.2#

98 1.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.562 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV023585.D

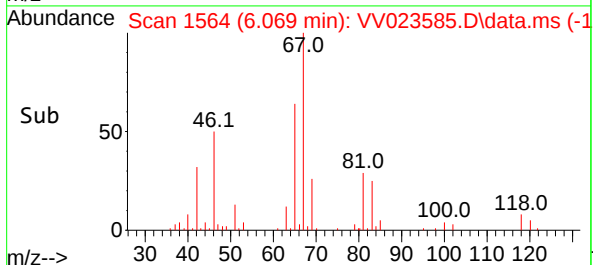
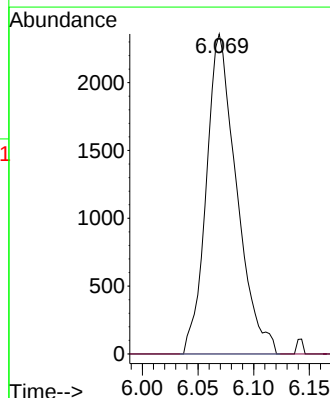
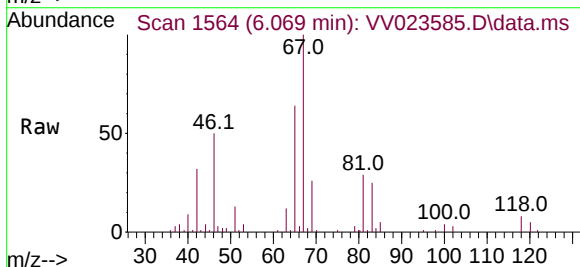
Acq: 17 Nov 2021 21:23

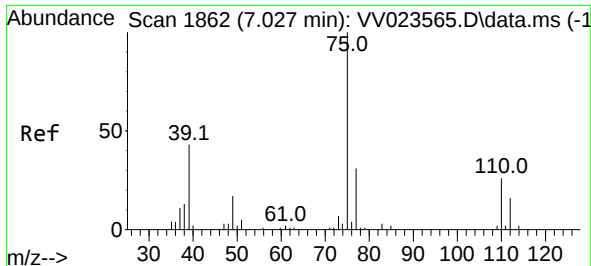
Tgt Ion: 63 Resp: 4456

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV023585.D

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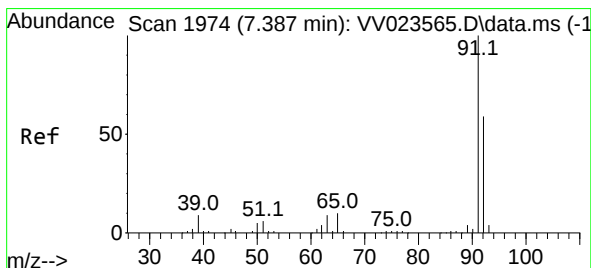
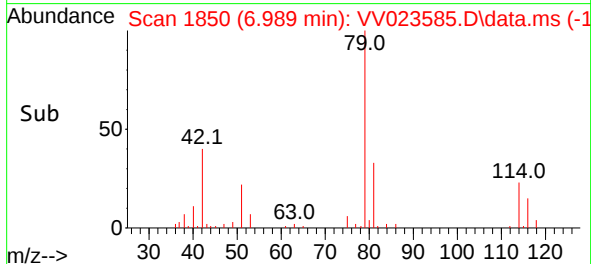
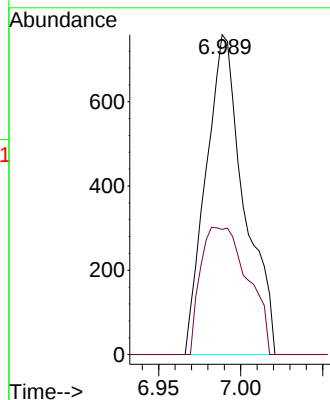
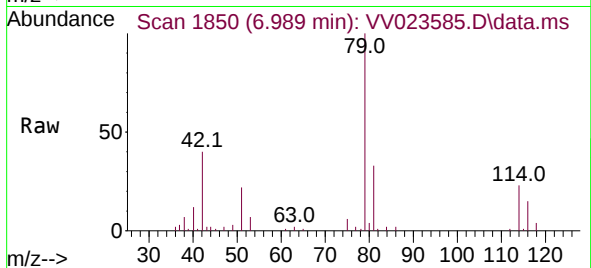
H4673DL

Tgt Ion: 75 Resp: 1226

Ion Ratio Lower Upper

75 100

77 39.1 21.6 40.2



#42

Toluene

Concen: 0.063 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023585.D

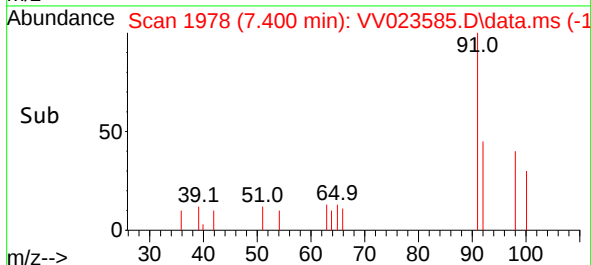
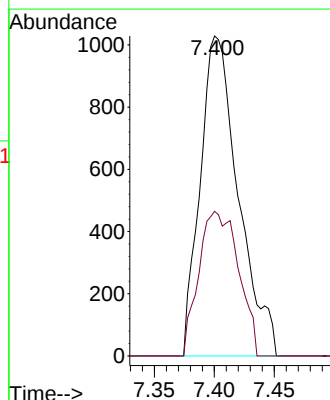
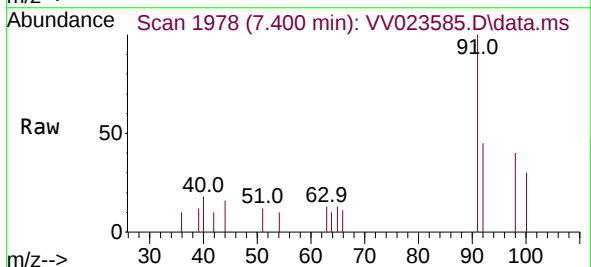
Acq: 17 Nov 2021 21:23

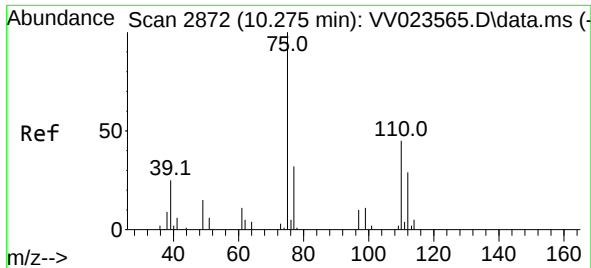
Tgt Ion: 91 Resp: 2276

Ion Ratio Lower Upper

91 100

92 45.2 39.3 72.9





#61

1,2,3-Trichloropropane

Concen: 1.567 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV023585.D

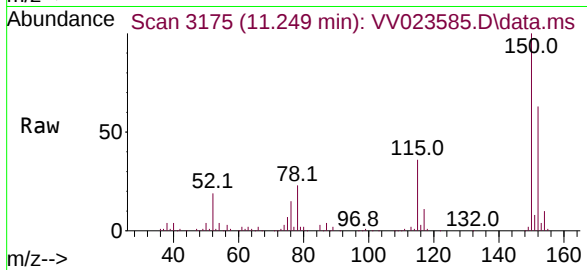
Acq: 17 Nov 2021 21:23

Instrument :

MSVOA_V

ClientSampleId :

H4673DL



Tgt Ion: 75 Resp: 5897

Ion Ratio Lower Upper

75 100

77 36.2 26.6 39.8

110 2.2 31.8 47.6#

