

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
 Data File : VV023584.D
 Acq On : 17 Nov 2021 20:59
 Operator : SY/MD
 Sample : M4627-10DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4670DL

Quant Time: Nov 18 00:25:04 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)

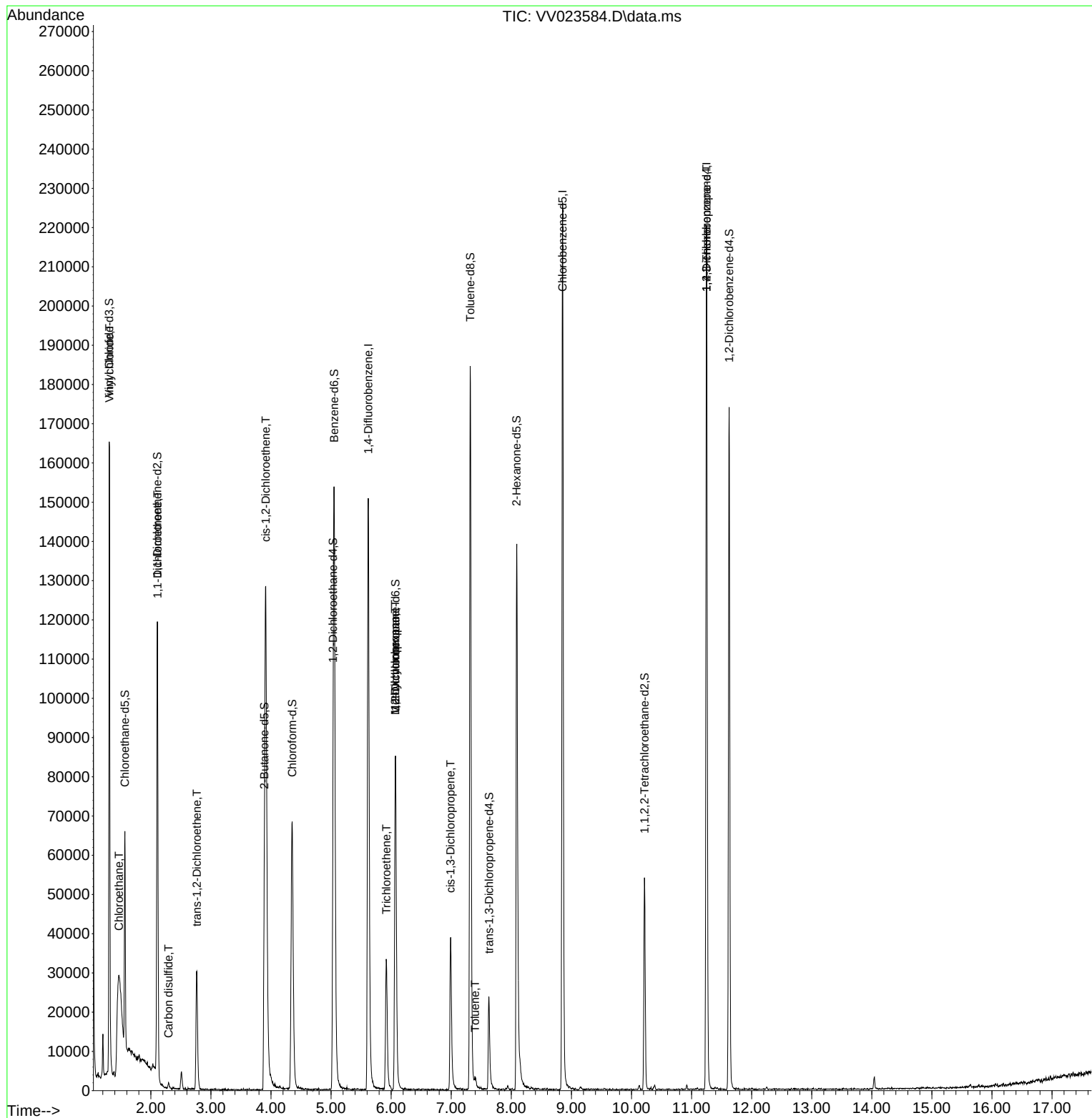
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133135	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128330	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44700	5.359	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.200%
7) Chloroethane-d5	1.568	69	31976	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	58724	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.889	46	64020	44.554	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.100%
24) Chloroform-d	4.352	84	70636	3.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.034	65	33690	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.050	84	142011	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.072	67	40528	4.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.317	98	122693	3.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.629	79	14088	3.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.088	63	46772	34.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24940	3.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	44345	4.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	62896	5.706	ug/L	96
8) Chloroethane	1.468	64	90756	14.267	ug/L #	52
12) 1,1-Dichloroethene	2.111	96	735	0.093	ug/L #	1
14) Carbon disulfide	2.294	76	1980	0.066	ug/L #	75
18) trans-1,2-Dichloroethene	2.764	96	12357	1.266	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	61430	6.540	ug/L #	93
34) Trichloroethene	5.918	95	11799	1.237	ug/L	95
35) Methylcyclohexane	6.069	83	10282	0.683	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4665	0.557	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1202	0.100	ug/L #	74
42) Toluene	7.397	91	2352	0.061	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	6152	1.530	ug/L #	64

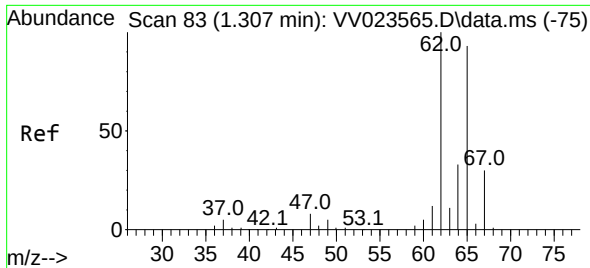
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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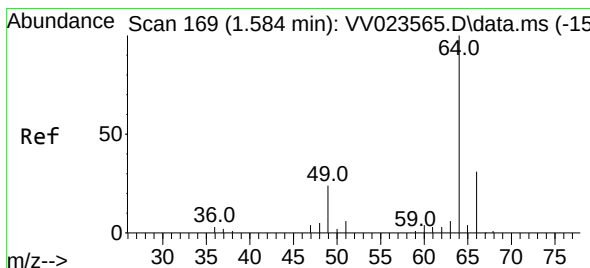
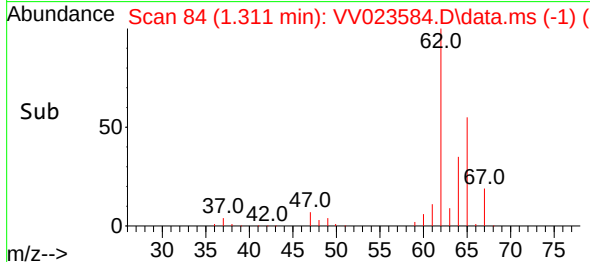
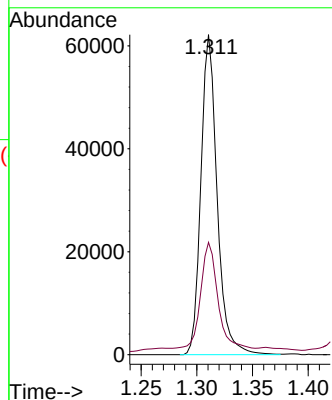
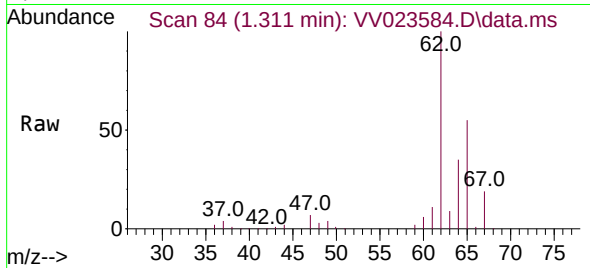




#5
 Vinyl chloride
 Concen: 5.706 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023584.D
 Acq: 17 Nov 2021 20:59

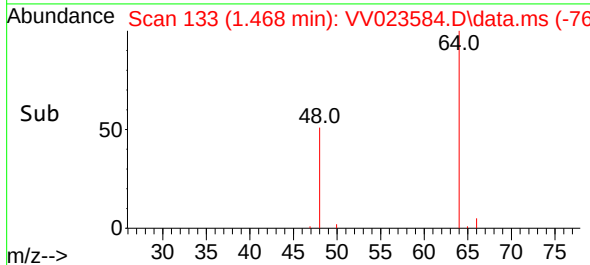
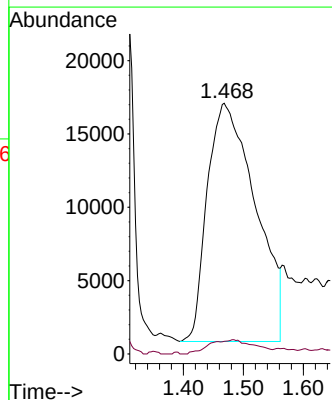
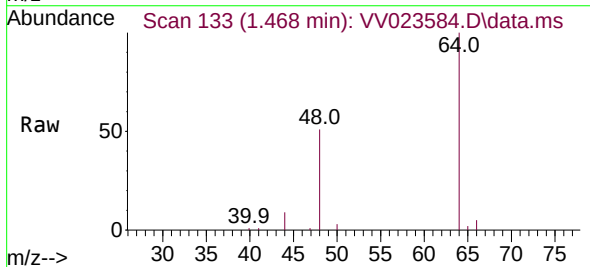
Instrument :
 MSVOA_V
 ClientSampleId :
 H4670DL

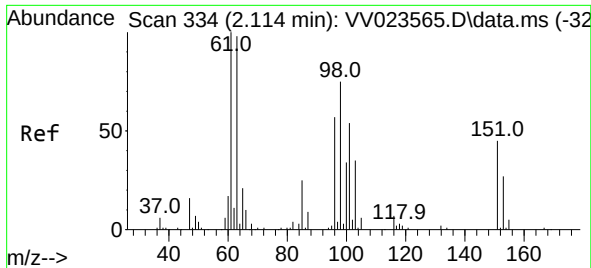
Tgt Ion: 62 Resp: 62896
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.1 42.9



#8
 Chloroethane
 Concen: 14.267 ug/L
 RT: 1.468 min Scan# 133
 Delta R.T. -0.116 min
 Lab File: VV023584.D
 Acq: 17 Nov 2021 20:59

Tgt Ion: 64 Resp: 90756
 Ion Ratio Lower Upper
 64 100
 66 5.0 22.1 41.1#

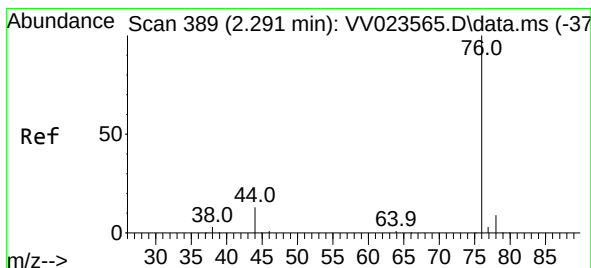
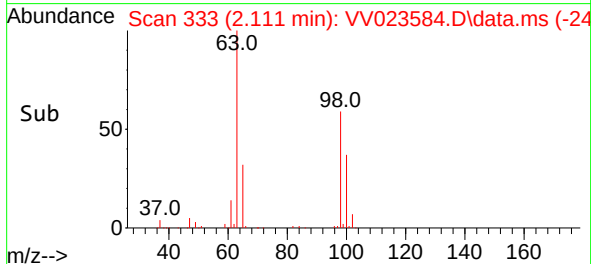
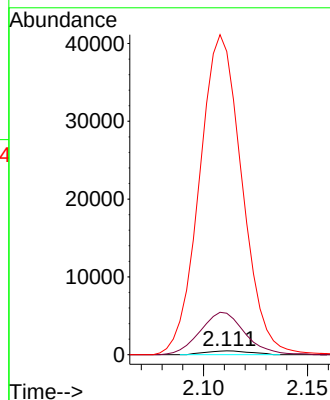
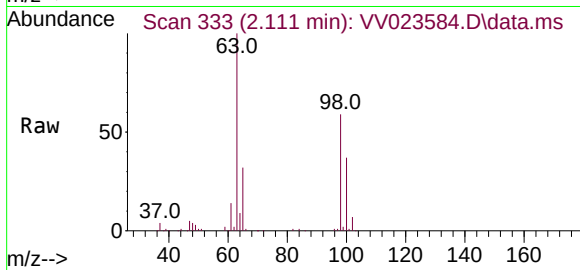




#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV023584.D
Acq: 17 Nov 2021 20:59

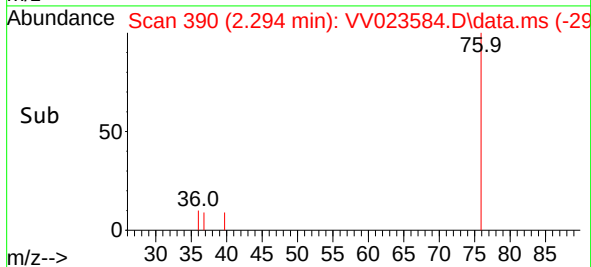
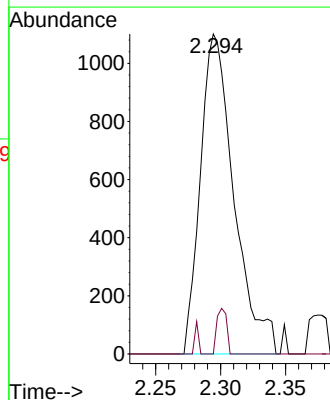
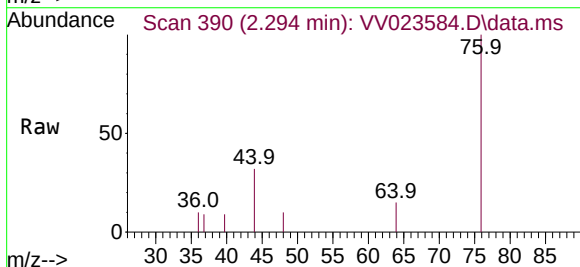
Instrument :
MSVOA_V
ClientSampleId :
H4670DL

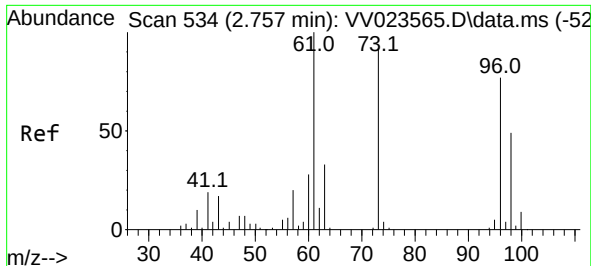
Tgt Ion: 96 Resp: 735
Ion Ratio Lower Upper
96 100
61 1077.3 121.5 225.7#
63 7889.9 99.6 185.0#



#14
Carbon disulfide
Concen: 0.066 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV023584.D
Acq: 17 Nov 2021 20:59

Tgt Ion: 76 Resp: 1980
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

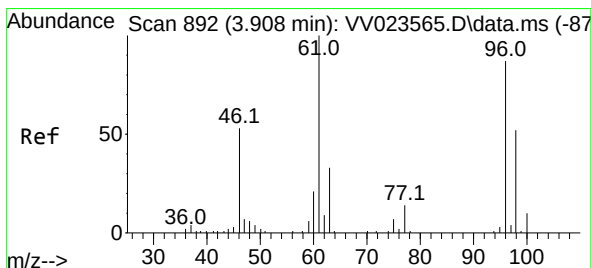
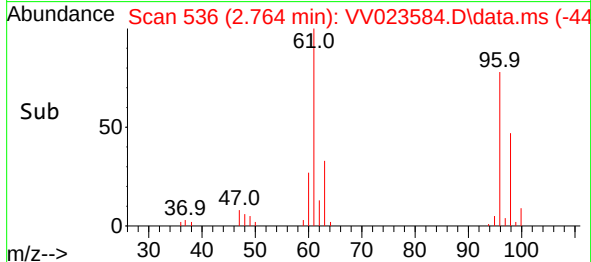
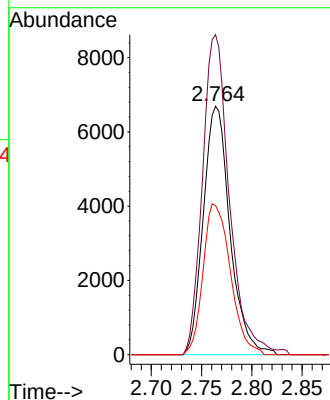
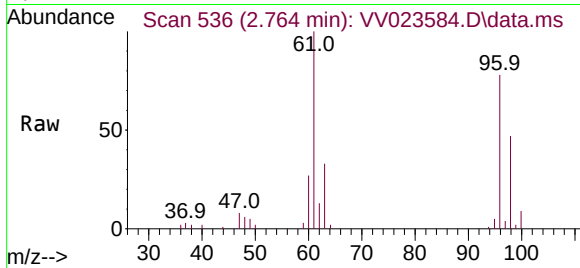




#18
trans-1,2-Dichloroethene
Concen: 1.266 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023584.D
Acq: 17 Nov 2021 20:59

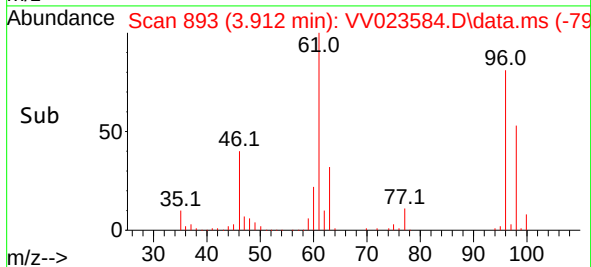
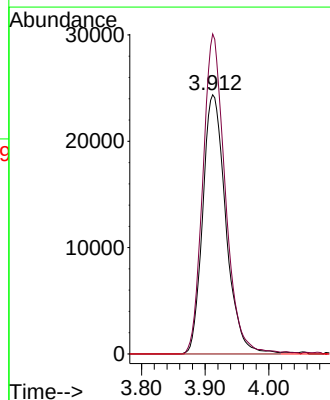
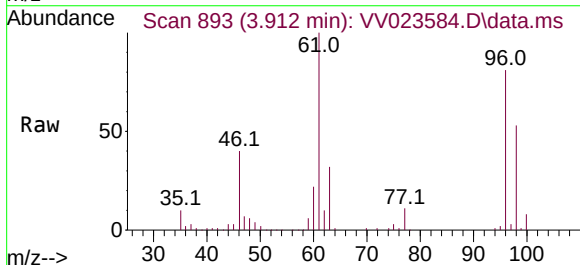
Instrument :
MSVOA_V
ClientSampleId :
H4670DL

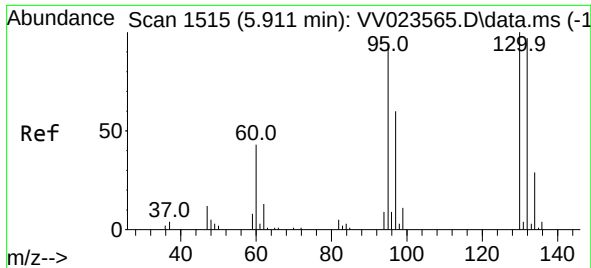
Tgt Ion: 96 Resp: 12357
Ion Ratio Lower Upper
96 100
61 128.8 93.2 173.2
98 60.0 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 6.540 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023584.D
Acq: 17 Nov 2021 20:59

Tgt Ion: 96 Resp: 61430
Ion Ratio Lower Upper
96 100
61 123.4 92.3 171.3
68 0.0 0.4 0.8#



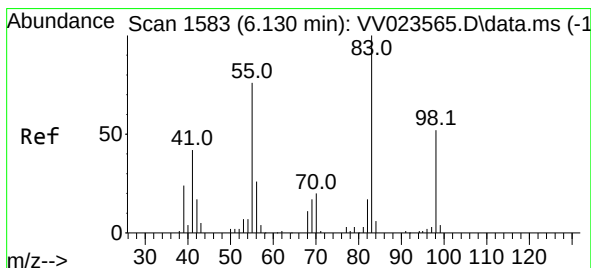
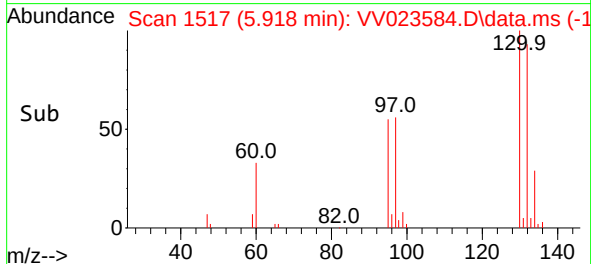
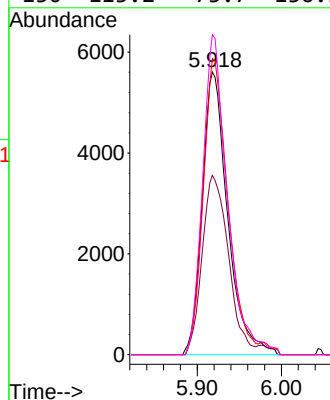
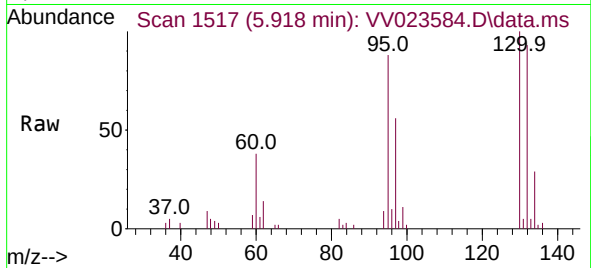


#34
Trichloroethene
Concen: 1.237 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023584.D
Acq: 17 Nov 2021 20:59

Instrument :
MSVOA_V
ClientSampleId :
H4670DL

Tgt Ion: 95 Resp: 11799

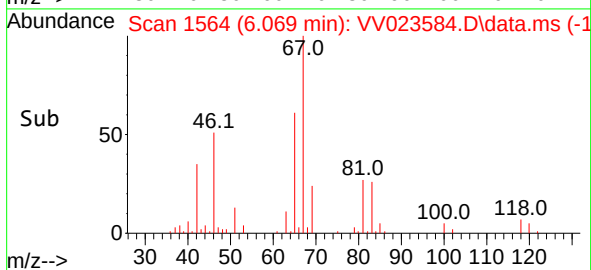
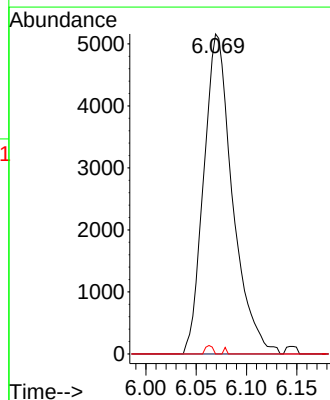
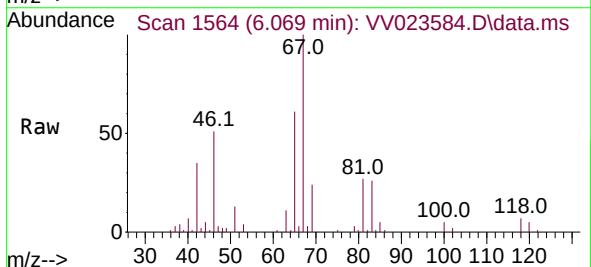
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.0	83.6
132	104.8	69.7	129.4
130	113.2	73.7	136.9

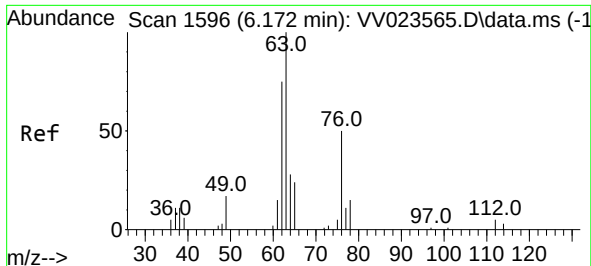


#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023584.D
Acq: 17 Nov 2021 20:59

Tgt Ion: 83 Resp: 10282

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.7	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023584.D

Acq: 17 Nov 2021 20:59

Instrument :

MSVOA_V

ClientSampleId :

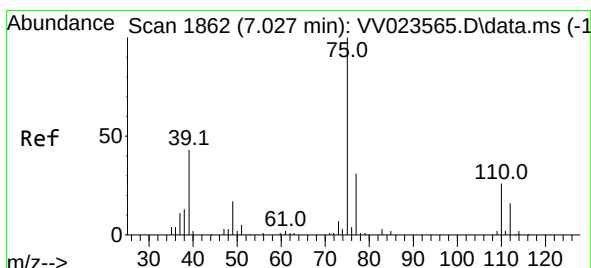
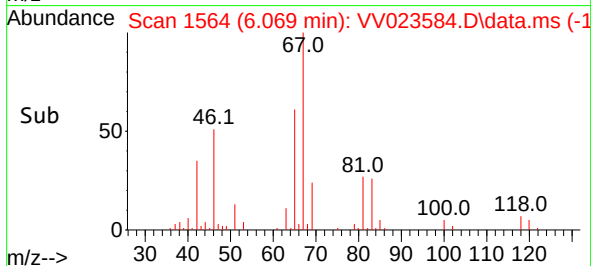
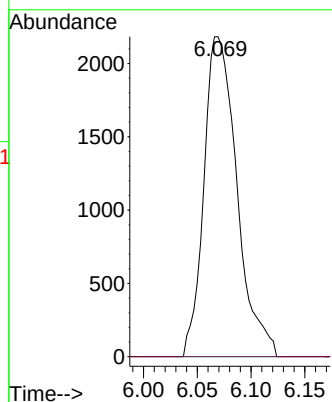
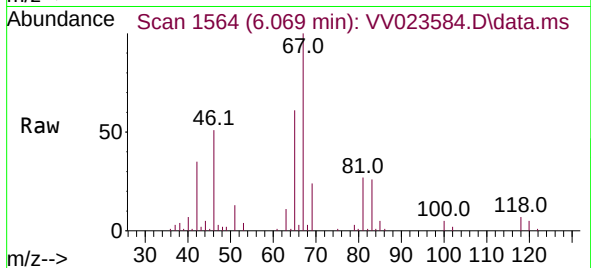
H4670DL

Tgt Ion: 63 Resp: 4665

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV023584.D

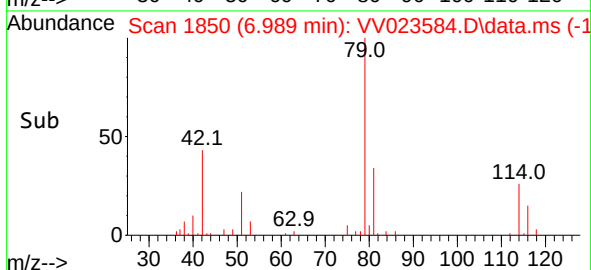
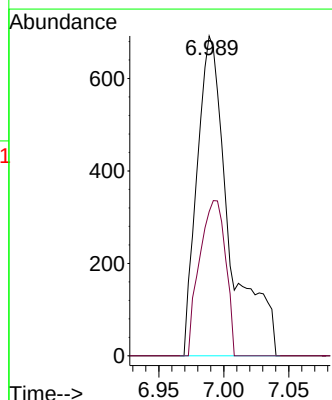
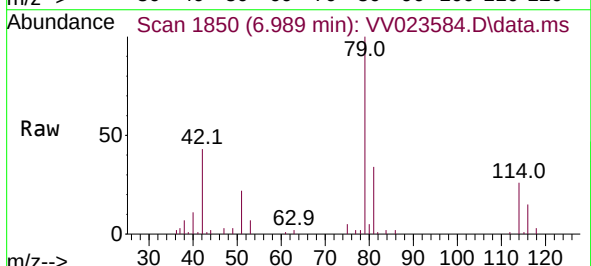
Acq: 17 Nov 2021 20:59

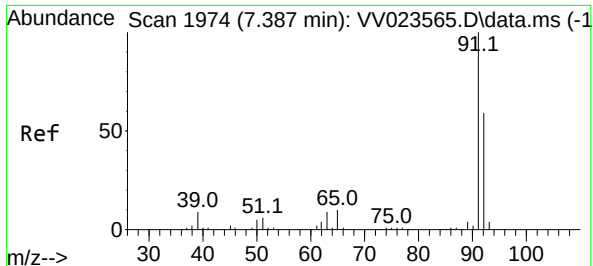
Tgt Ion: 75 Resp: 1202

Ion Ratio Lower Upper

75 100

77 45.1 21.6 40.2#





#42

Toluene

Concen: 0.061 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV023584.D

Acq: 17 Nov 2021 20:59

Instrument :

MSVOA_V

ClientSampleId :

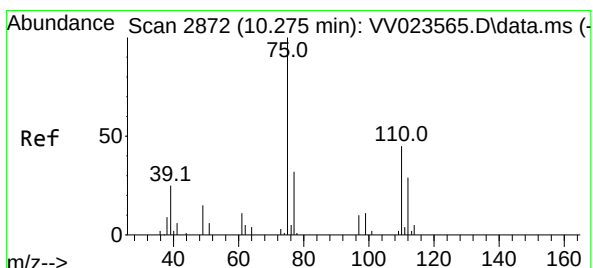
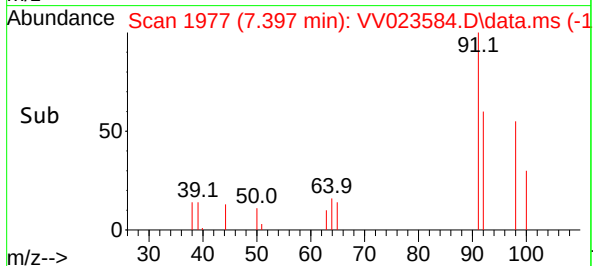
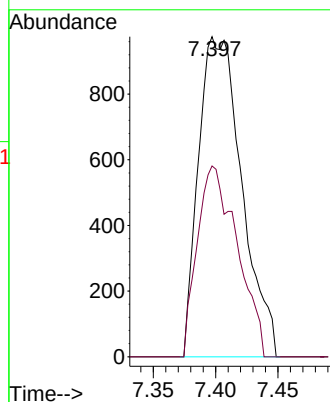
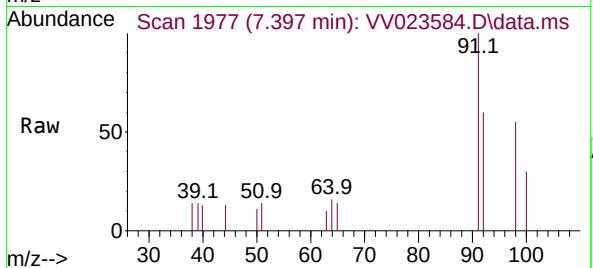
H4670DL

Tgt Ion: 91 Resp: 2352

Ion Ratio Lower Upper

91 100

92 59.6 39.3 72.9



#61

1,2,3-Trichloropropane

Concen: 1.530 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023584.D

Acq: 17 Nov 2021 20:59

Tgt Ion: 75 Resp: 6152

Ion Ratio Lower Upper

75 100

77 35.5 26.6 39.8

110 0.8 31.8 47.6#

