

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023356.D
 Acq On : 11 Nov 2021 01:23
 Operator : SY/MD
 Sample : M4558-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 03:56:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 03:34:54 2021
 Response via : Initial Calibration

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

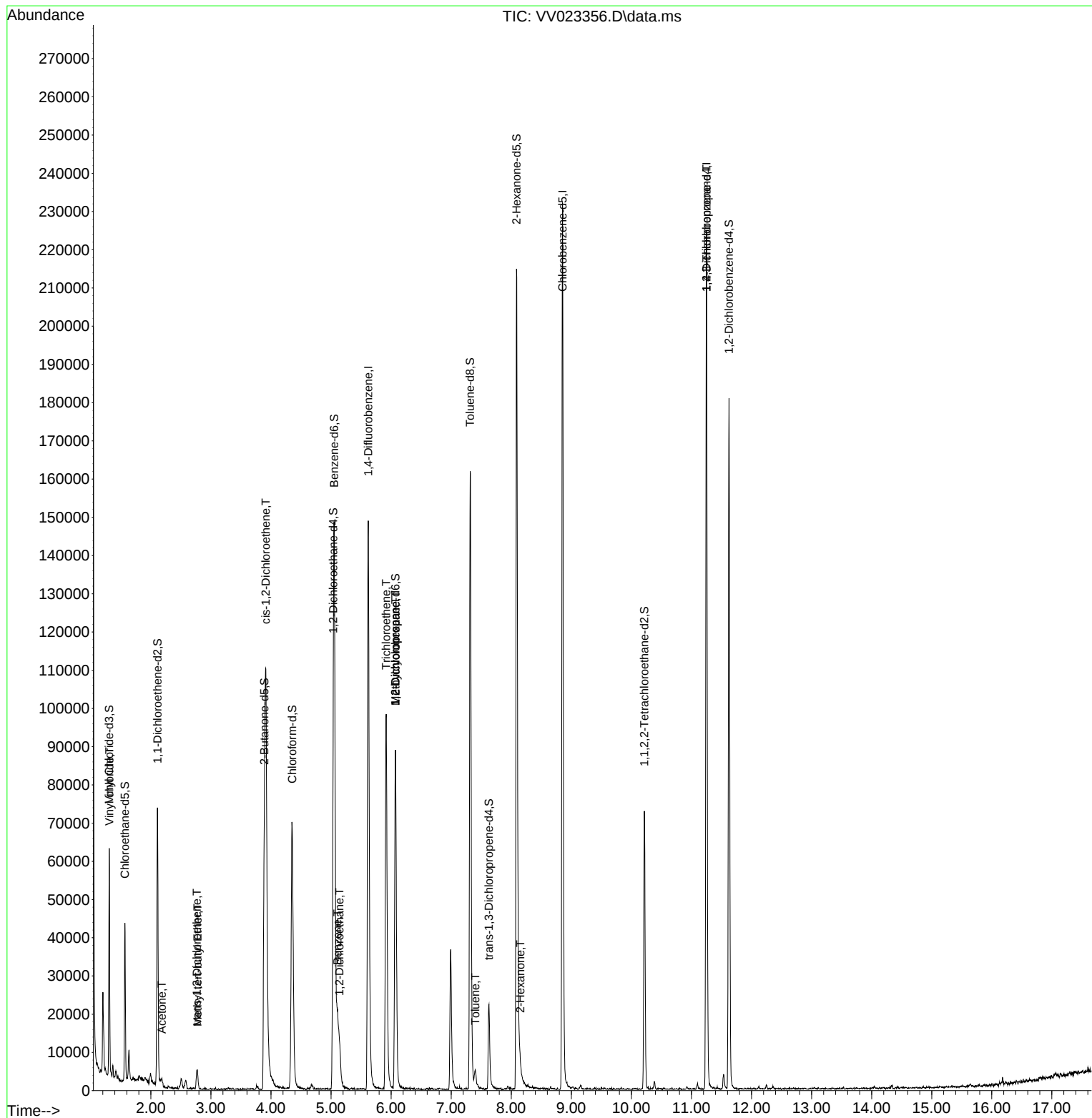
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131398	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	23449	2.849	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	57.000%	
7) Chloroethane-d5	1.568	69	25009	3.728	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.600%	
11) 1,1-Dichloroethene-d2	2.111	63	38269	2.483	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.600%#	
20) 2-Butanone-d5	3.889	46	94135	66.379	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	132.760%#	
24) Chloroform-d	4.352	84	71162	4.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
26) 1,2-Dichloroethane-d4	5.037	65	35469	4.496	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	5.053	84	130628	3.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
36) 1,2-Dichloropropane-d6	6.072	67	42228	4.309	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.200%	
41) Toluene-d8	7.316	98	110669	3.547	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	7.628	79	13449	3.619	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.088	63	70312	51.425	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.860%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33357	4.733	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46487	4.584	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
5) Vinyl chloride	1.310	62	1428	0.131	ug/L #	45
13) Acetone	2.182	43	2800	3.231	ug/L	93
17) Methyl tert-butyl Ether	2.776	73	2635	0.153	ug/L #	88
18) trans-1,2-Dichloroethene	2.767	96	1029	0.107	ug/L	88
22) cis-1,2-Dichloroethene	3.911	96	47225	5.094	ug/L #	93
27) 1,2-Dichloroethane	5.140	62	9791	1.062	ug/L	97
33) Benzene	5.108	78	18411	0.508	ug/L	100
34) Trichloroethene	5.918	95	34911	3.620	ug/L	98
35) Methylcyclohexane	6.072	83	10311	0.677	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4835	0.571	ug/L #	83
42) Toluene	7.400	91	4088	0.105	ug/L	90
48) 2-Hexanone	8.149	43	2493	0.906	ug/L #	69
61) 1,2,3-Trichloropropane	11.249	75	6957	1.720	ug/L #	62

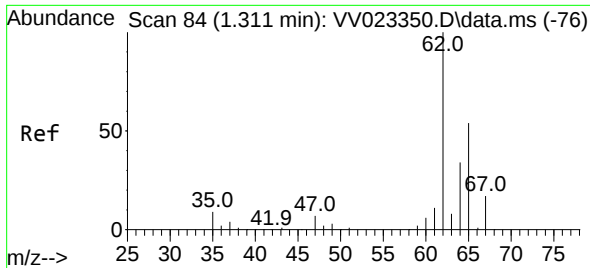
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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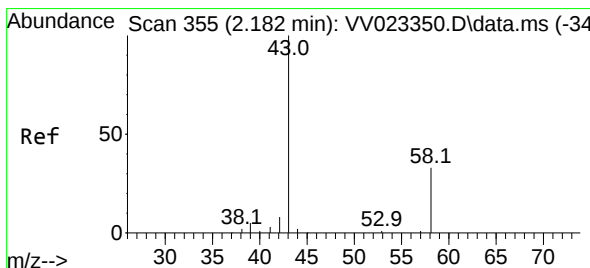
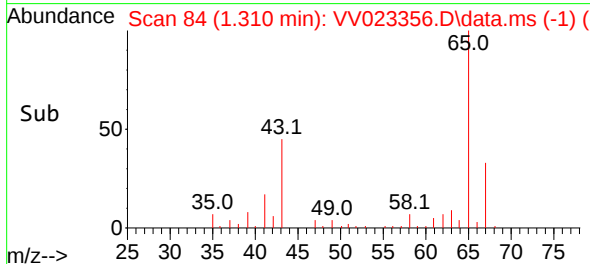
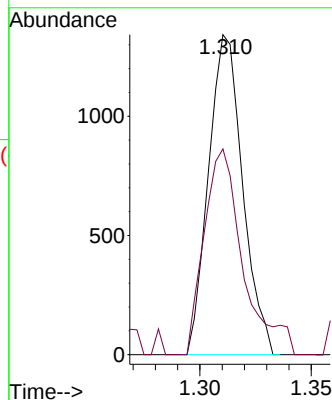
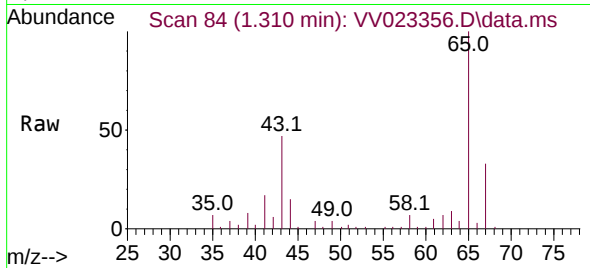




#5
 Vinyl chloride
 Concen: 0.131 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023356.D
 Acq: 11 Nov 2021 01:23

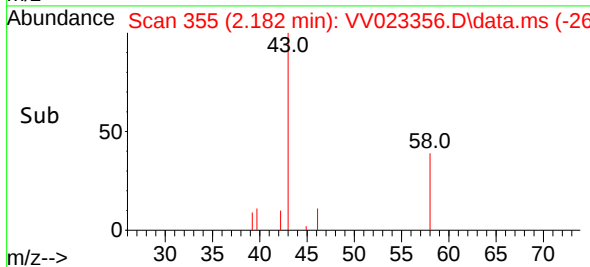
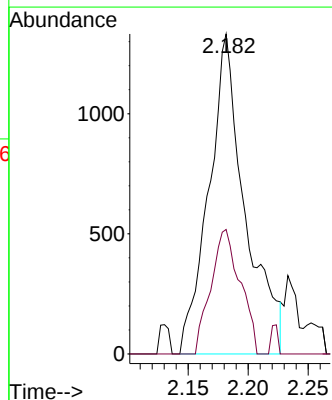
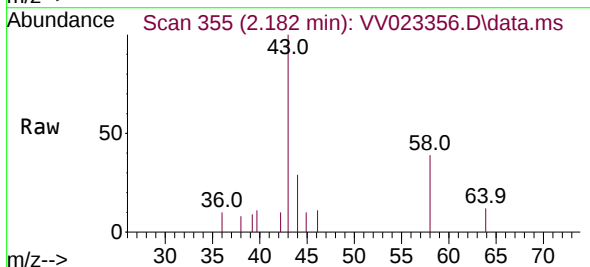
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 ClientSampleId :

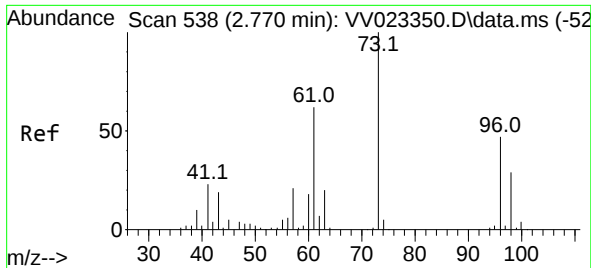
Tgt Ion: 62 Resp: 1428
 Ion Ratio Lower Upper
 62 100
 64 64.3 23.1 42.9#



#13
 Acetone
 Concen: 3.231 ug/L
 RT: 2.182 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VV023356.D
 Acq: 11 Nov 2021 01:23

Tgt Ion: 43 Resp: 2800
 Ion Ratio Lower Upper
 43 100
 58 31.5 0.0 55.4

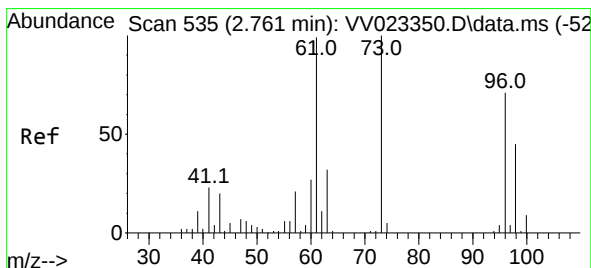
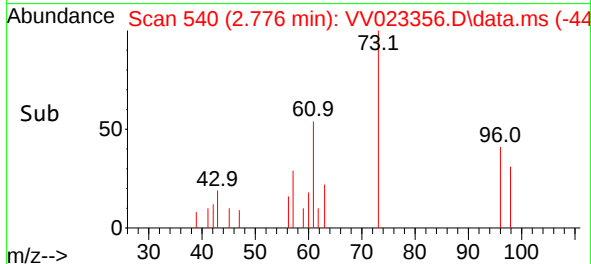
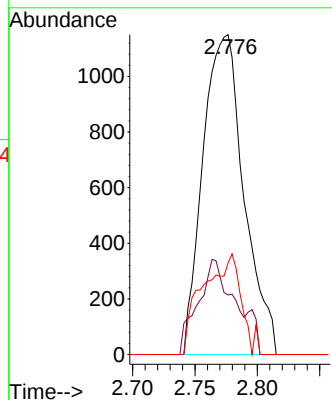
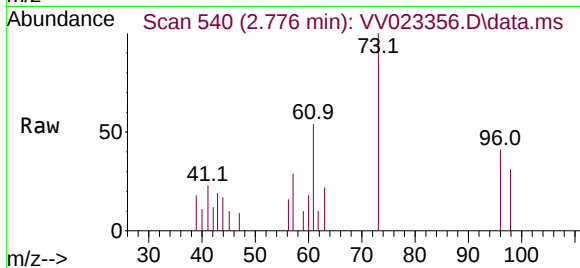




#17
Methyl tert-butyl Ether
Concen: 0.153 ug/L
RT: 2.776 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV023356.D
Acq: 11 Nov 2021 01:23

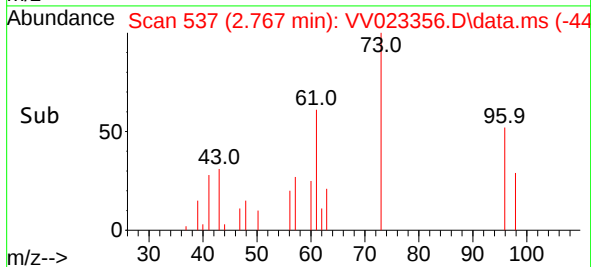
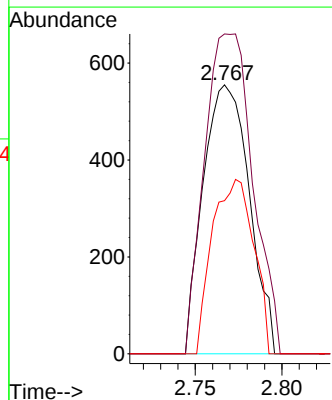
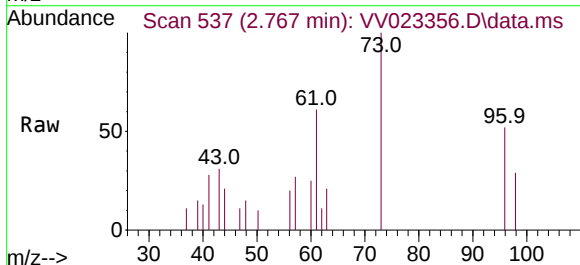
Instrument :
MSVOA_V
ClientSampleId :

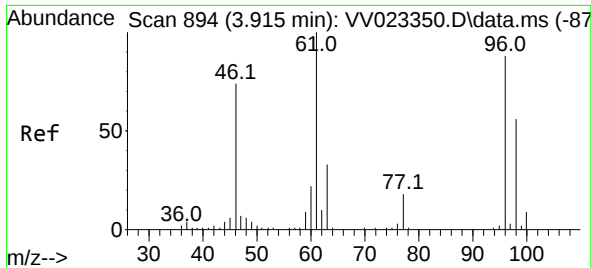
Tgt Ion: 73 Resp: 2635
Ion Ratio Lower Upper
73 100
43 24.4 17.4 26.0
57 29.3 16.5 24.7#



#18
trans-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV023356.D
Acq: 11 Nov 2021 01:23

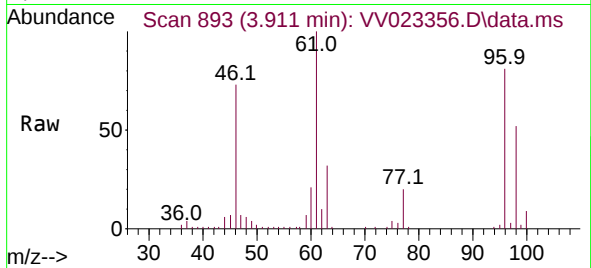
Tgt Ion: 96 Resp: 1029
Ion Ratio Lower Upper
96 100
61 118.9 93.2 173.2
98 56.9 47.0 87.2



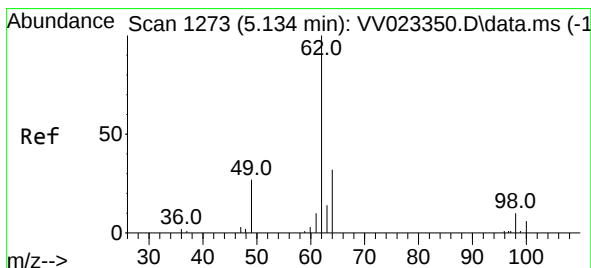
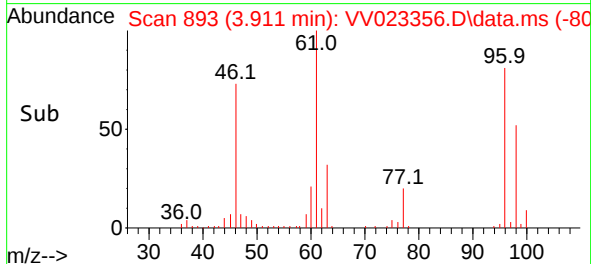
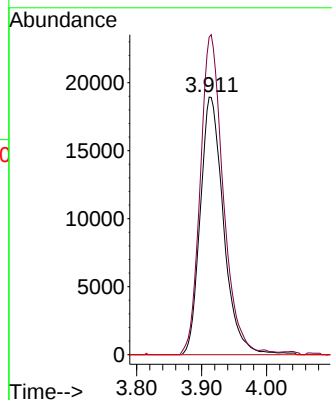


#22
 cis-1,2-Dichloroethene
 Concen: 5.094 ug/L
 RT: 3.911 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV023356.D
 Acq: 11 Nov 2021 01:23

Instrument :
 MSVOA_V
 ClientSampleId :

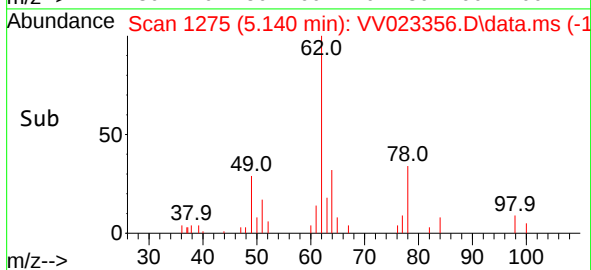
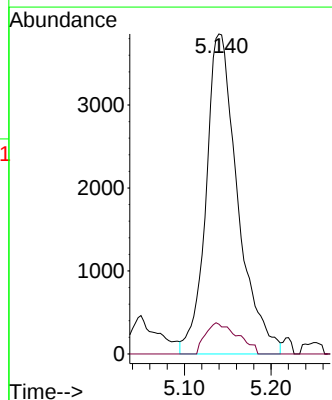
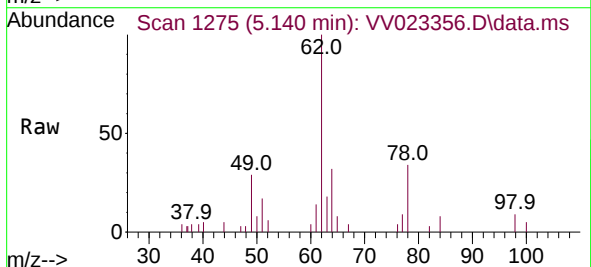


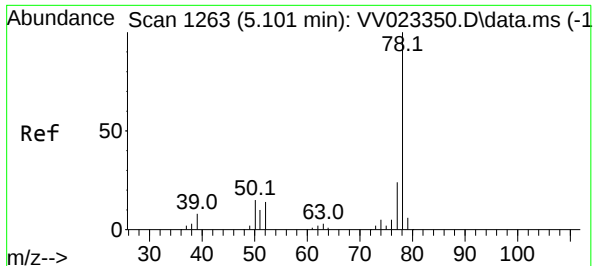
Tgt Ion: 96 Resp: 47225
 Ion Ratio Lower Upper
 96 100
 61 123.3 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 1.062 ug/L
 RT: 5.140 min Scan# 1275
 Delta R.T. 0.006 min
 Lab File: VV023356.D
 Acq: 11 Nov 2021 01:23

Tgt Ion: 62 Resp: 9791
 Ion Ratio Lower Upper
 62 100
 98 9.3 8.2 12.4

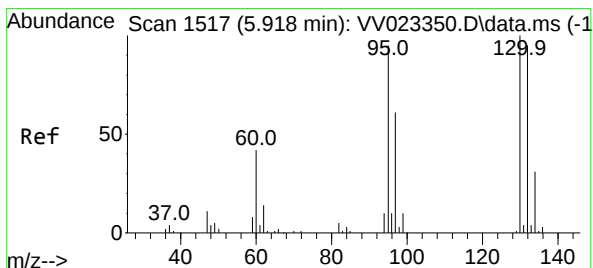
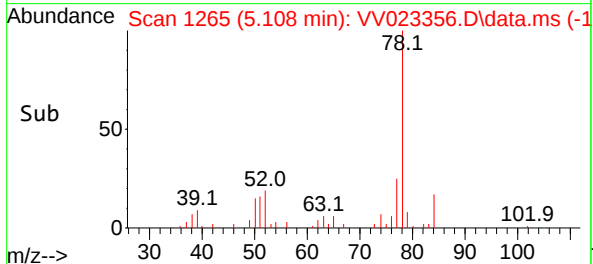
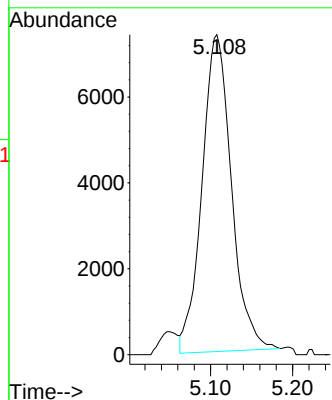
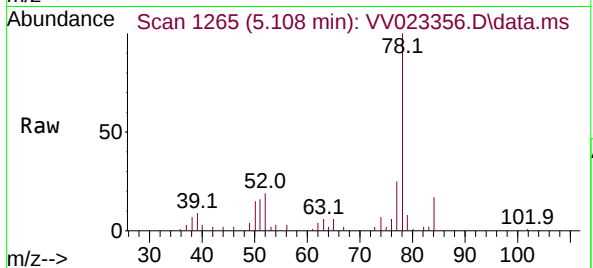




#33
Benzene
Concen: 0.508 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023356.D
Acq: 11 Nov 2021 01:23

Instrument :
MSVOA_V
ClientSampleId :

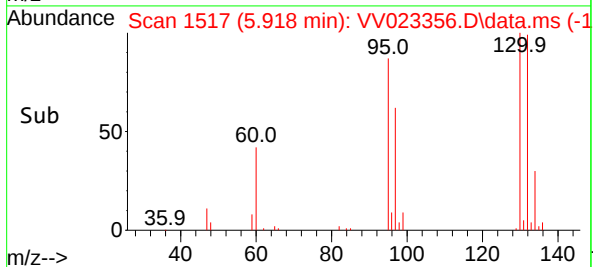
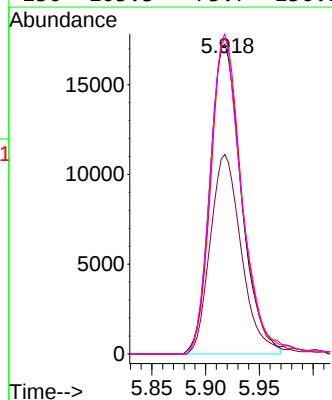
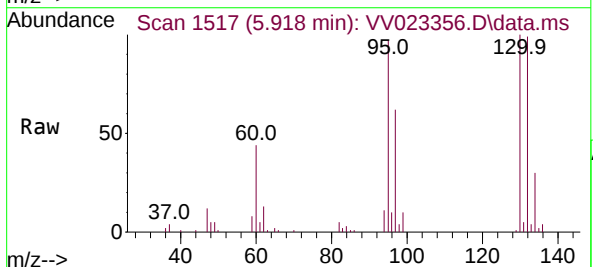
Tgt Ion: 78 Resp: 18411

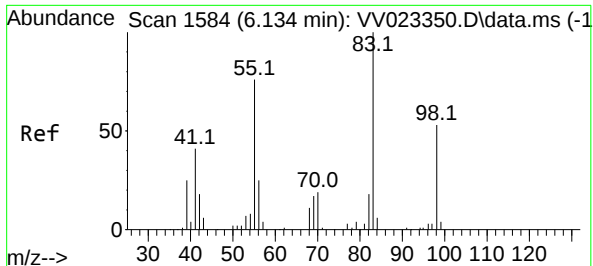


#34
Trichloroethene
Concen: 3.620 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023356.D
Acq: 11 Nov 2021 01:23

Tgt Ion: 95 Resp: 34911

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.0	83.6
132	101.9	69.7	129.4
130	103.3	73.7	136.9





#35

Methylcyclohexane

Concen: 0.677 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023356.D

Acq: 11 Nov 2021 01:23

Instrument :

MSVOA_V

ClientSampleId :

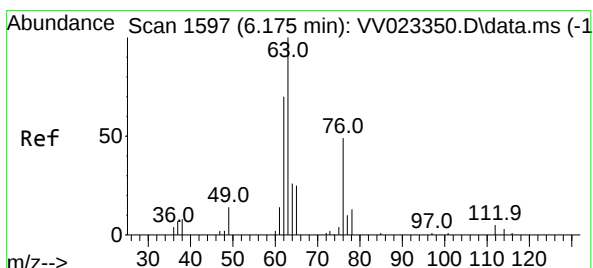
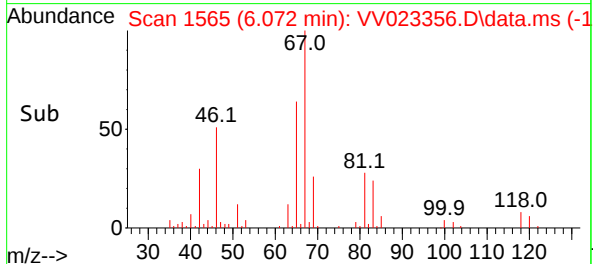
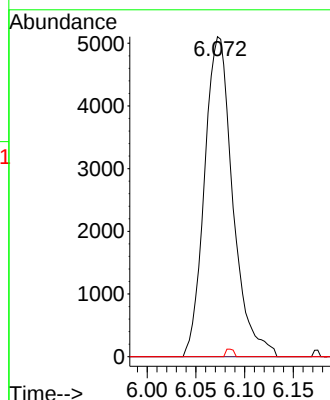
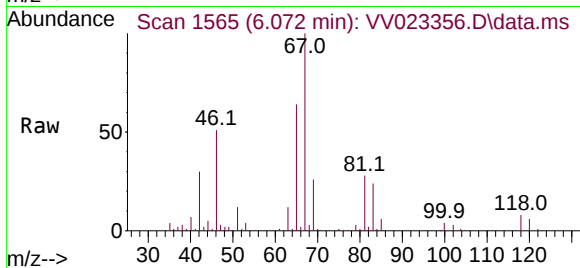
Tgt Ion: 83 Resp: 10311

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.6 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV023356.D

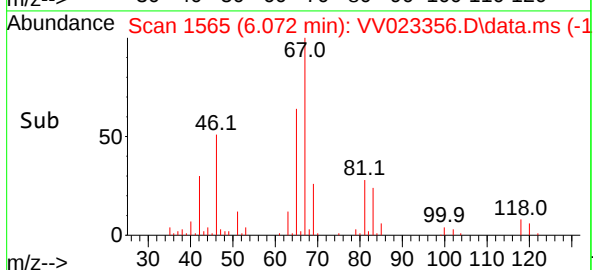
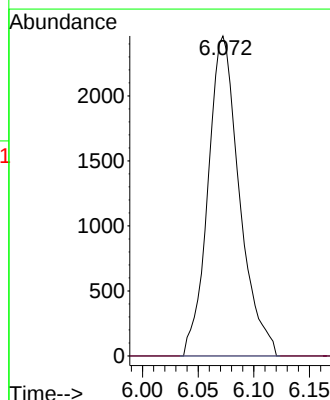
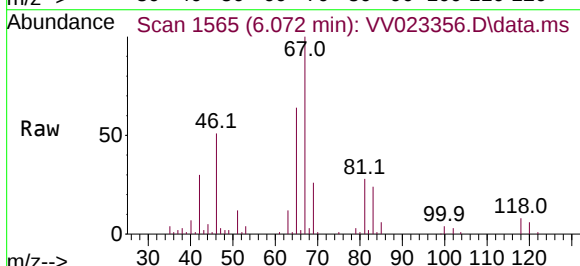
Acq: 11 Nov 2021 01:23

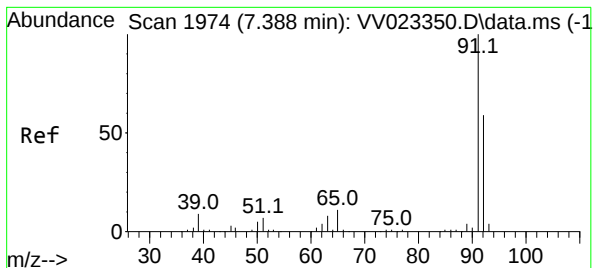
Tgt Ion: 63 Resp: 4835

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.105 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023356.D

Acq: 11 Nov 2021 01:23

Instrument :

MSVOA_V

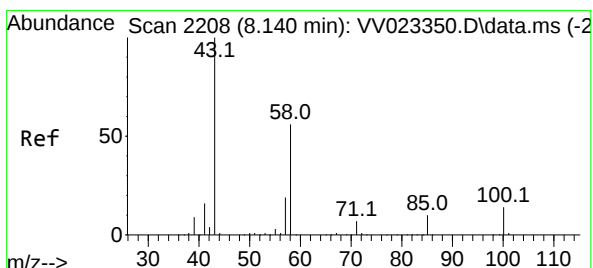
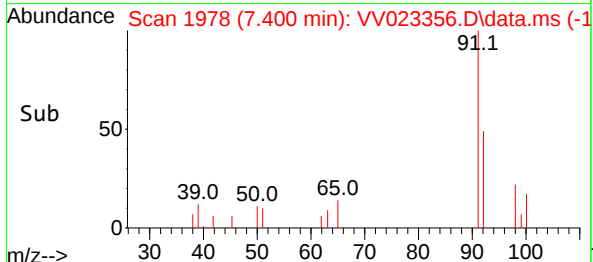
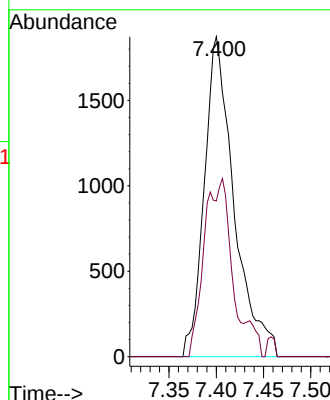
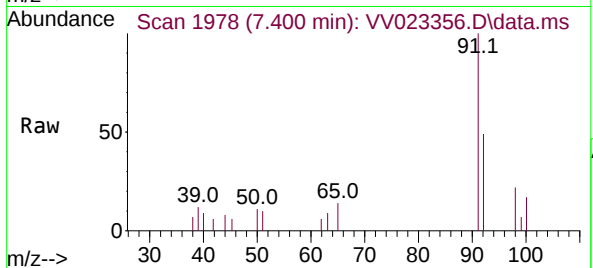
ClientSampleId :

Tgt Ion: 91 Resp: 4088

Ion Ratio Lower Upper

91 100

92 48.7 39.3 72.9



#48

2-Hexanone

Concen: 0.906 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.009 min

Lab File: VV023356.D

Acq: 11 Nov 2021 01:23

Tgt Ion: 43 Resp: 2493

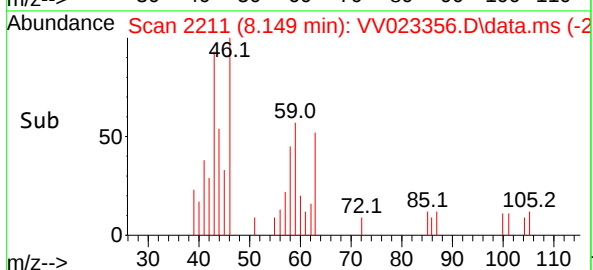
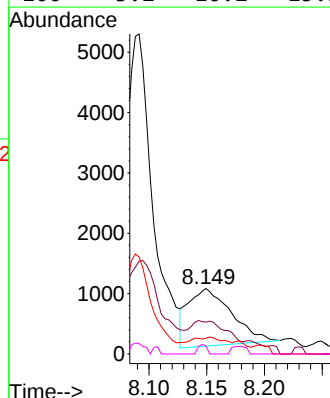
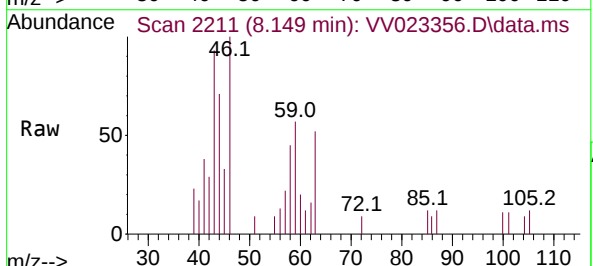
Ion Ratio Lower Upper

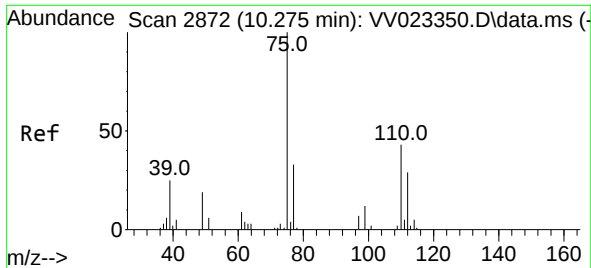
43 100

58 32.7 43.7 65.5#

57 0.0 14.1 21.1#

100 3.2 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.720 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

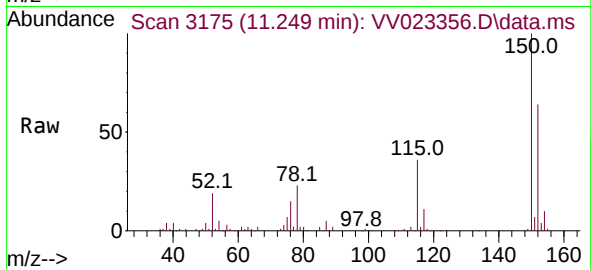
Lab File: VV023356.D

Acq: 11 Nov 2021 01:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6957

Ion Ratio Lower Upper

75 100

77 29.5 26.6 39.8

110 0.6 31.8 47.6#

