

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023353.D
 Acq On : 11 Nov 2021 00:13
 Operator : SY/MD
 Sample : M4558-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 03:55:22 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)

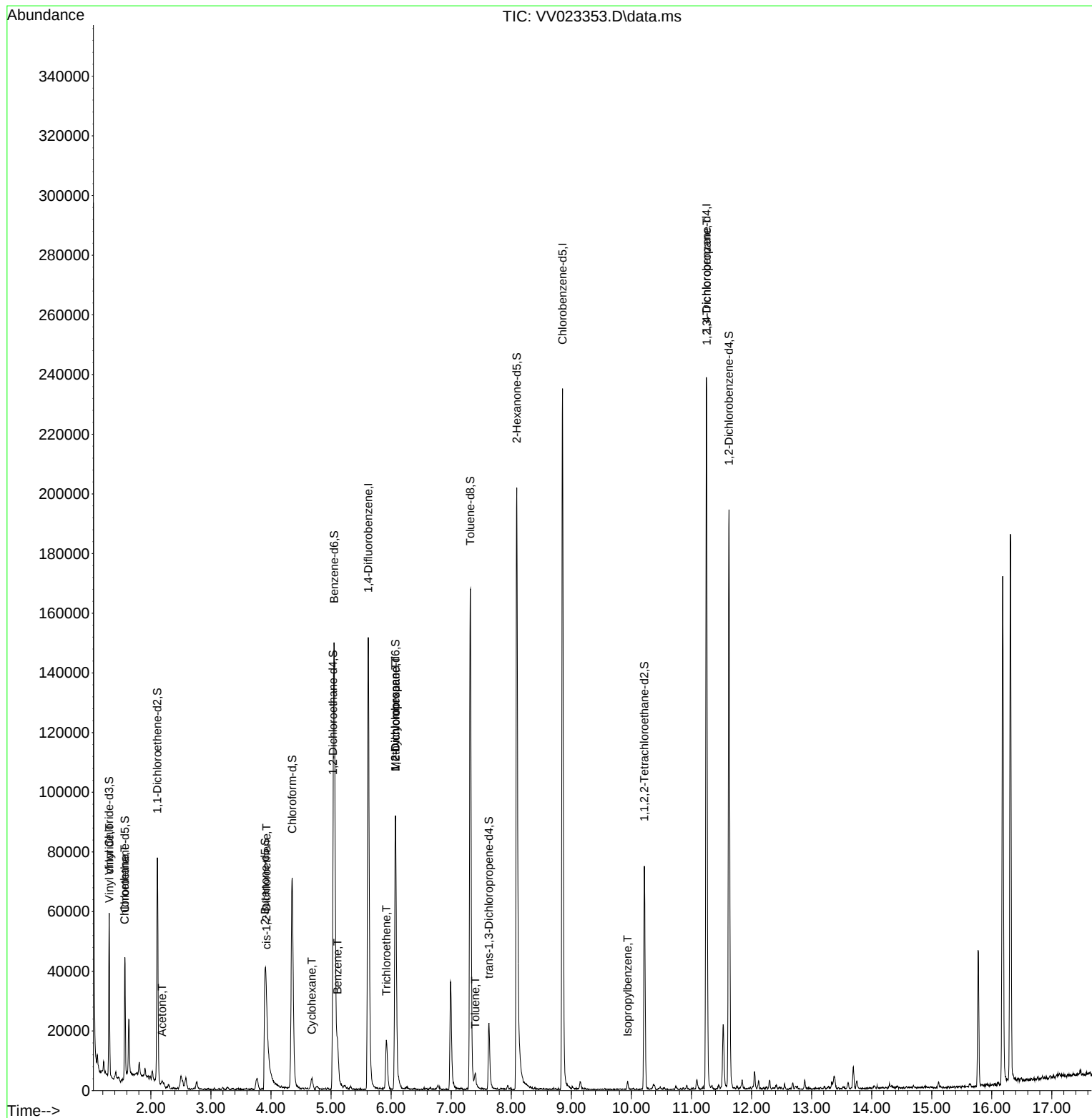
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25233	3.045	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.568	69	24265	3.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.108	63	38970	2.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.200%#
20) 2-Butanone-d5	3.902	46	85859	60.135	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.280%
24) Chloroform-d	4.352	84	74950	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.034	65	35259	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.053	84	133846	4.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.072	67	43507	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.317	98	112960	3.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.628	79	13709	3.683	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.091	63	70971	51.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34181	4.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	49418	4.614	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
5) Vinyl chloride	1.310	62	468	0.043	ug/L #	1
8) Chloroethane	1.564	64	742	0.117	ug/L #	67
13) Acetone	2.188	43	2496	2.861	ug/L	61
22) cis-1,2-Dichloroethene	3.924	96	3257	0.349	ug/L #	81
30) Cyclohexane	4.677	56	1704	0.120	ug/L #	85
33) Benzene	5.108	78	14793	0.407	ug/L	100
34) Trichloroethene	5.921	95	5816	0.602	ug/L	95
35) Methylcyclohexane	6.072	83	10873	0.713	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4819	0.568	ug/L #	83
42) Toluene	7.403	91	3767	0.097	ug/L	96
60) Isopropylbenzene	9.937	105	2082	0.056	ug/L	96
61) 1,2,3-Trichloropropane	11.252	75	7323	1.714	ug/L #	67

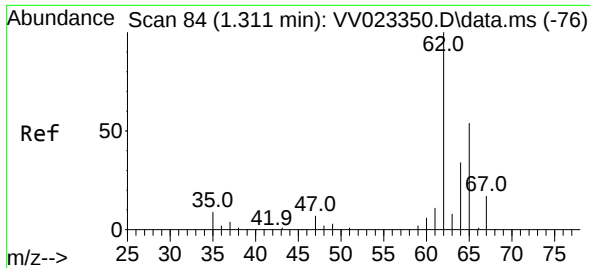
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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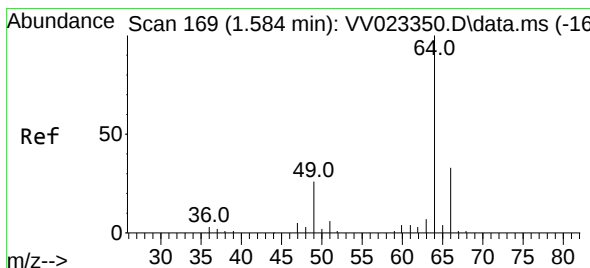
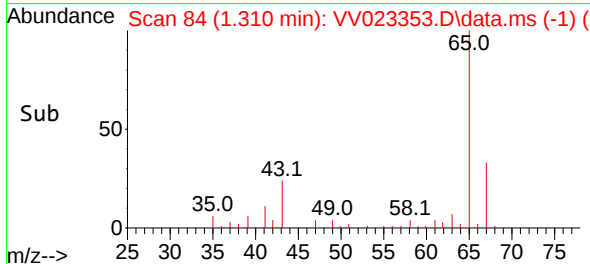
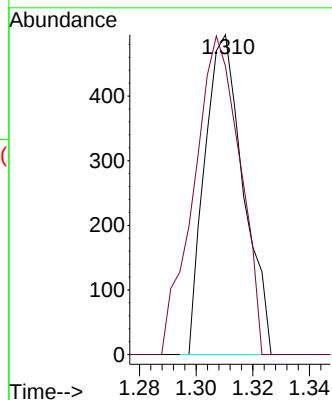
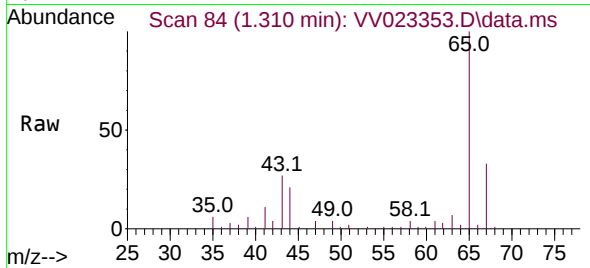




#5
 Vinyl chloride
 Concen: 0.043 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023353.D
 Acq: 11 Nov 2021 00:13

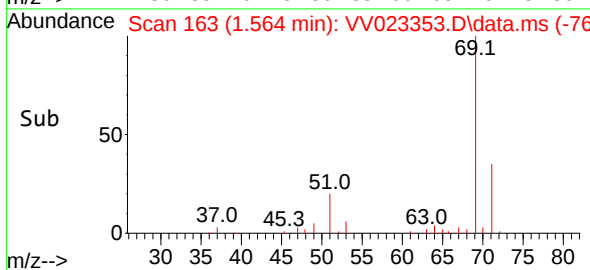
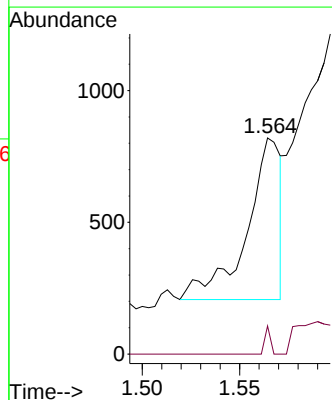
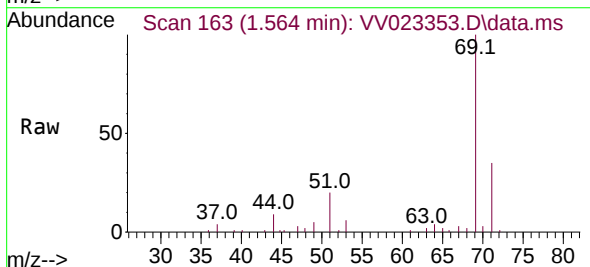
Instrument :
 MSVOA_V
 ClientSampleId :

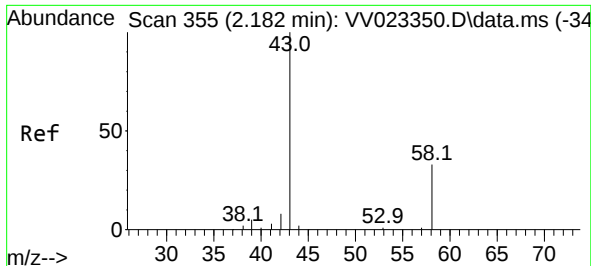
Tgt Ion: 62 Resp: 468
 Ion Ratio Lower Upper
 62 100
 64 90.1 23.1 42.9#



#8
 Chloroethane
 Concen: 0.117 ug/L
 RT: 1.564 min Scan# 163
 Delta R.T. -0.020 min
 Lab File: VV023353.D
 Acq: 11 Nov 2021 00:13

Tgt Ion: 64 Resp: 742
 Ion Ratio Lower Upper
 64 100
 66 13.0 22.1 41.1#





#13

Acetone

Concen: 2.861 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV023353.D

Acq: 11 Nov 2021 00:13

Instrument :

MSVOA_V

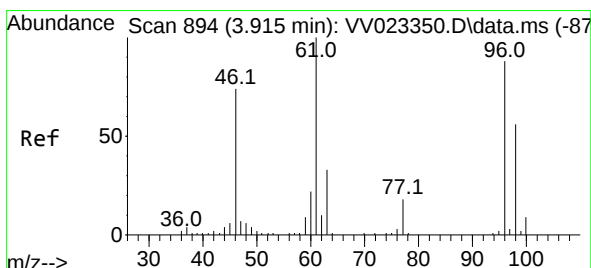
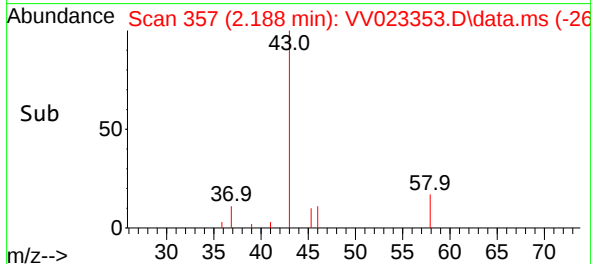
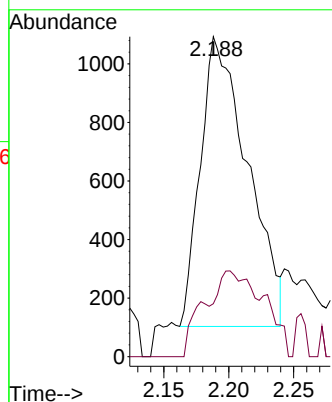
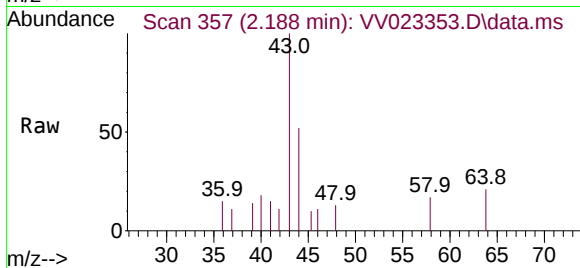
ClientSampleId :

Tgt Ion: 43 Resp: 2496

Ion Ratio Lower Upper

43 100

58 7.4 0.0 55.4



#22

cis-1,2-Dichloroethene

Concen: 0.349 ug/L

RT: 3.924 min Scan# 897

Delta R.T. 0.009 min

Lab File: VV023353.D

Acq: 11 Nov 2021 00:13

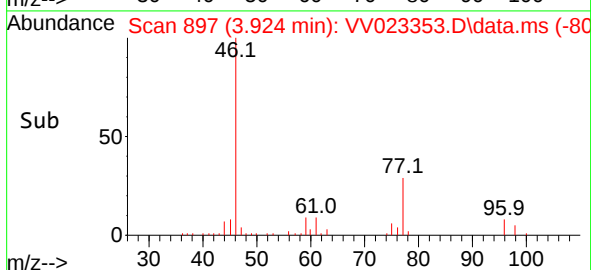
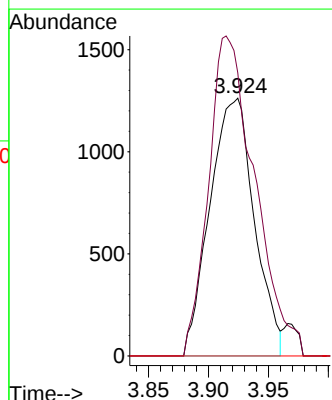
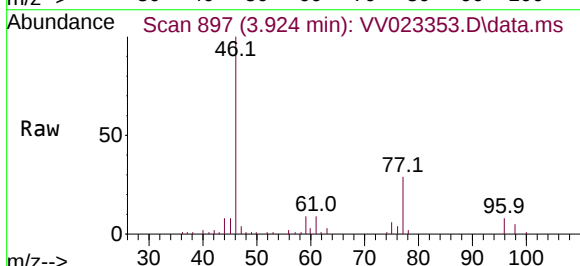
Tgt Ion: 96 Resp: 3257

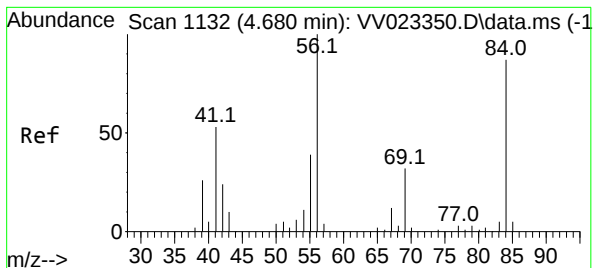
Ion Ratio Lower Upper

96 100

61 109.8 92.3 171.3

68 0.0 0.4 0.8#





#30

Cyclohexane

Concen: 0.120 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023353.D

Acq: 11 Nov 2021 00:13

Instrument :

MSVOA_V

ClientSampleId :

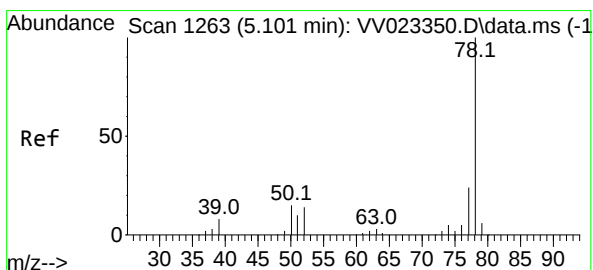
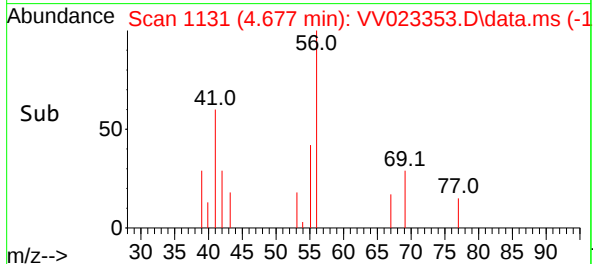
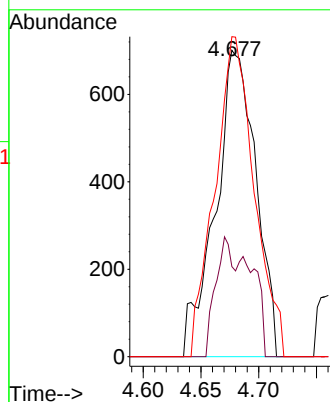
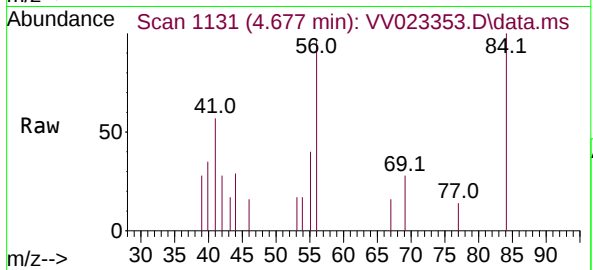
Tgt Ion: 56 Resp: 1704

Ion Ratio Lower Upper

56 100

69 17.8 23.5 35.3#

84 101.8 71.6 107.4



#33

Benzene

Concen: 0.407 ug/L

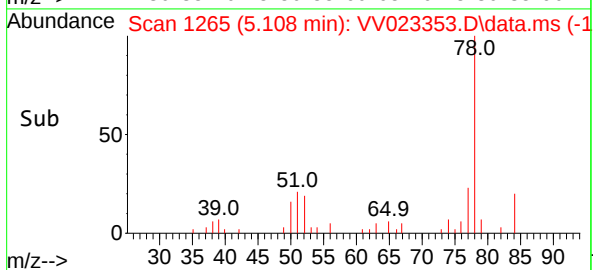
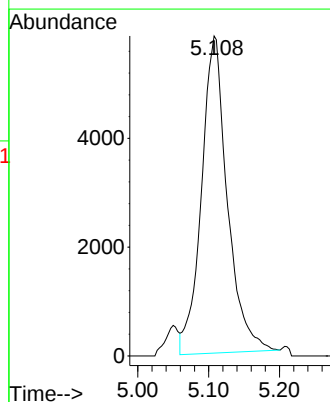
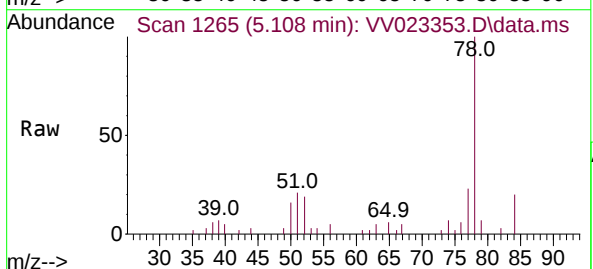
RT: 5.108 min Scan# 1265

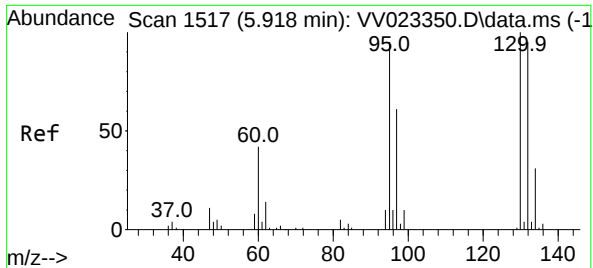
Delta R.T. 0.006 min

Lab File: VV023353.D

Acq: 11 Nov 2021 00:13

Tgt Ion: 78 Resp: 14793



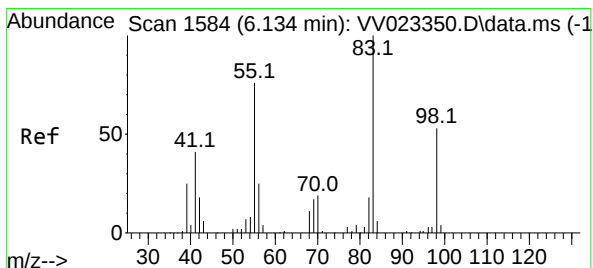
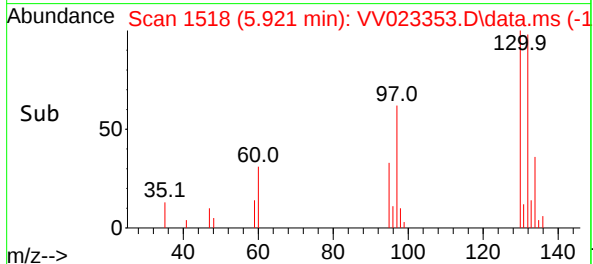
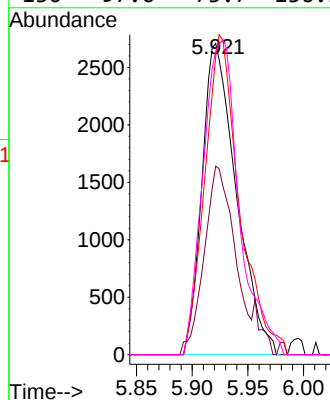
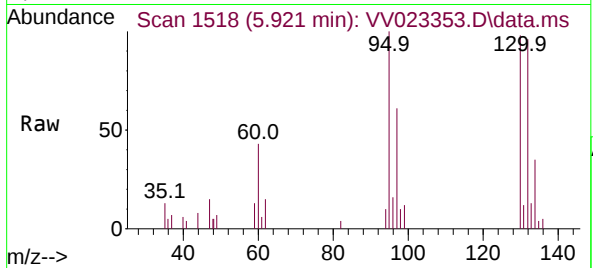


#34
Trichloroethene
Concen: 0.602 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV023353.D
Acq: 11 Nov 2021 00:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 5816

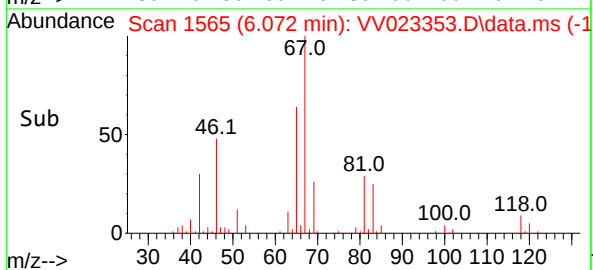
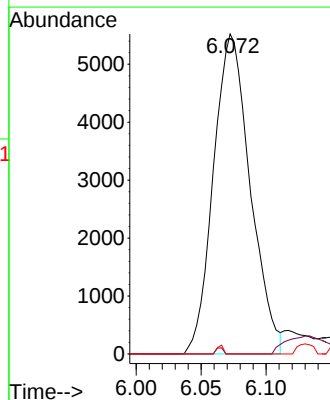
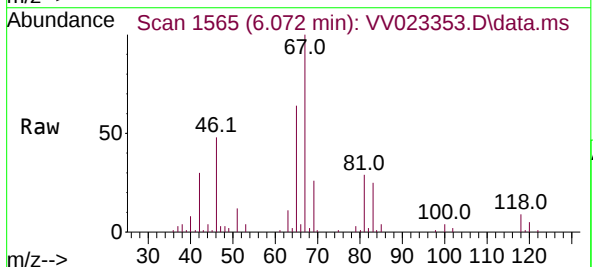
Ion	Ratio	Lower	Upper
95	100		
97	60.6	45.0	83.6
132	96.0	69.7	129.4
130	97.6	73.7	136.9

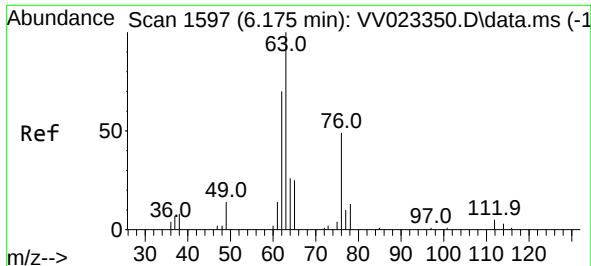


#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023353.D
Acq: 11 Nov 2021 00:13

Tgt Ion: 83 Resp: 10873

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.8	94.2#
98	0.5	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV023353.D

Acq: 11 Nov 2021 00:13

Instrument :

MSVOA_V

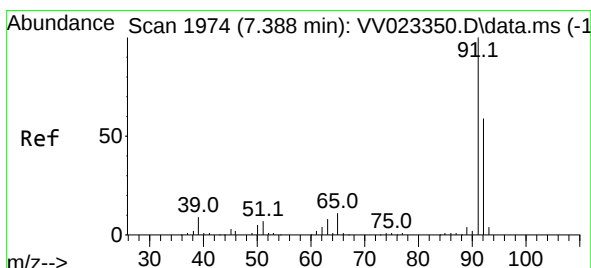
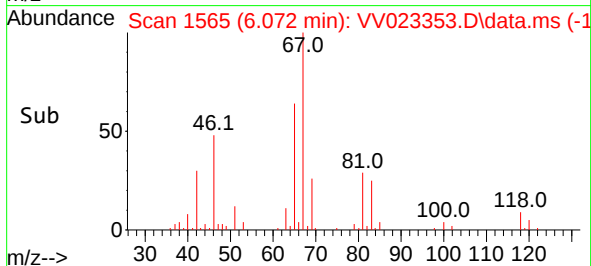
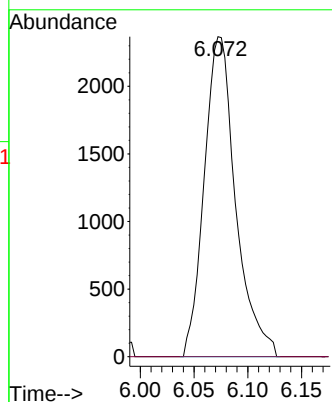
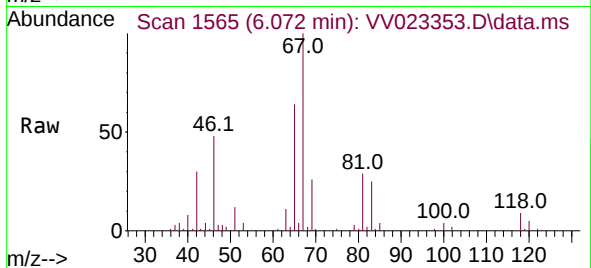
ClientSampleId :

Tgt Ion: 63 Resp: 4819

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#42

Toluene

Concen: 0.097 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV023353.D

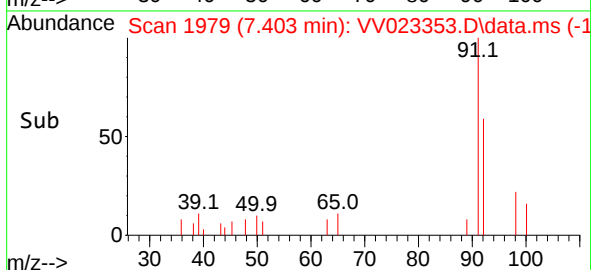
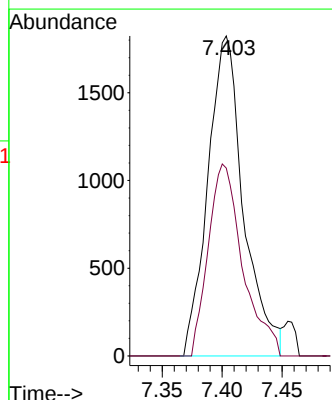
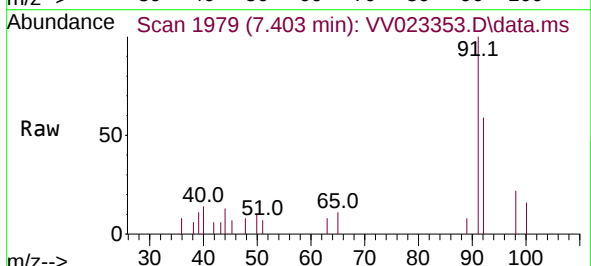
Acq: 11 Nov 2021 00:13

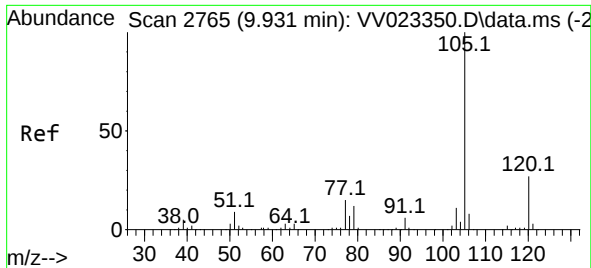
Tgt Ion: 91 Resp: 3767

Ion Ratio Lower Upper

91 100

92 58.7 39.3 72.9

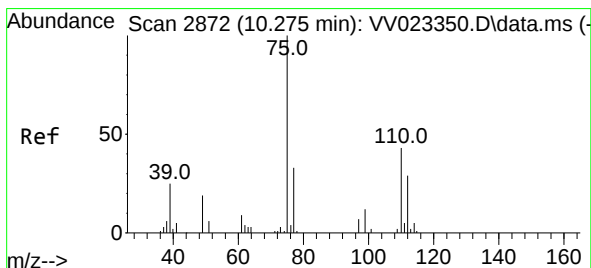
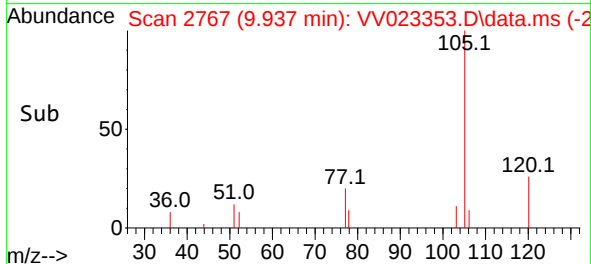
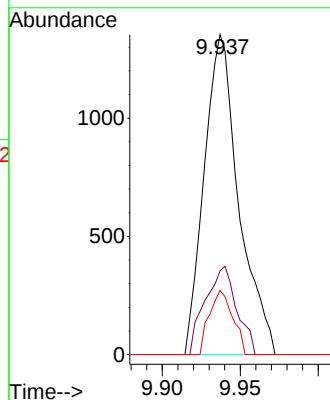
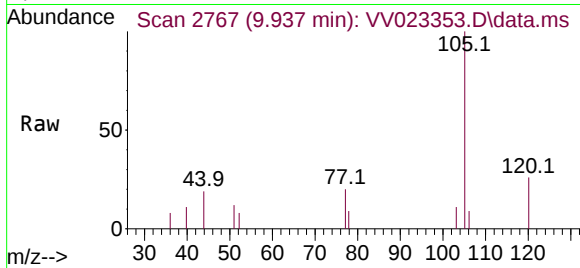




#60
Isopropylbenzene
Concen: 0.056 ug/L
RT: 9.937 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023353.D
Acq: 11 Nov 2021 00:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 2082
Ion Ratio Lower Upper
105 100
120 25.2 21.7 32.5
77 13.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 1.714 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV023353.D
Acq: 11 Nov 2021 00:13

Tgt Ion: 75 Resp: 7323
Ion Ratio Lower Upper
75 100
77 33.4 26.6 39.8
110 2.9 31.8 47.6#

