

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023402.D
 Acq On : 11 Nov 2021 20:59
 Operator : SY/MD
 Sample : M4542-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:09:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

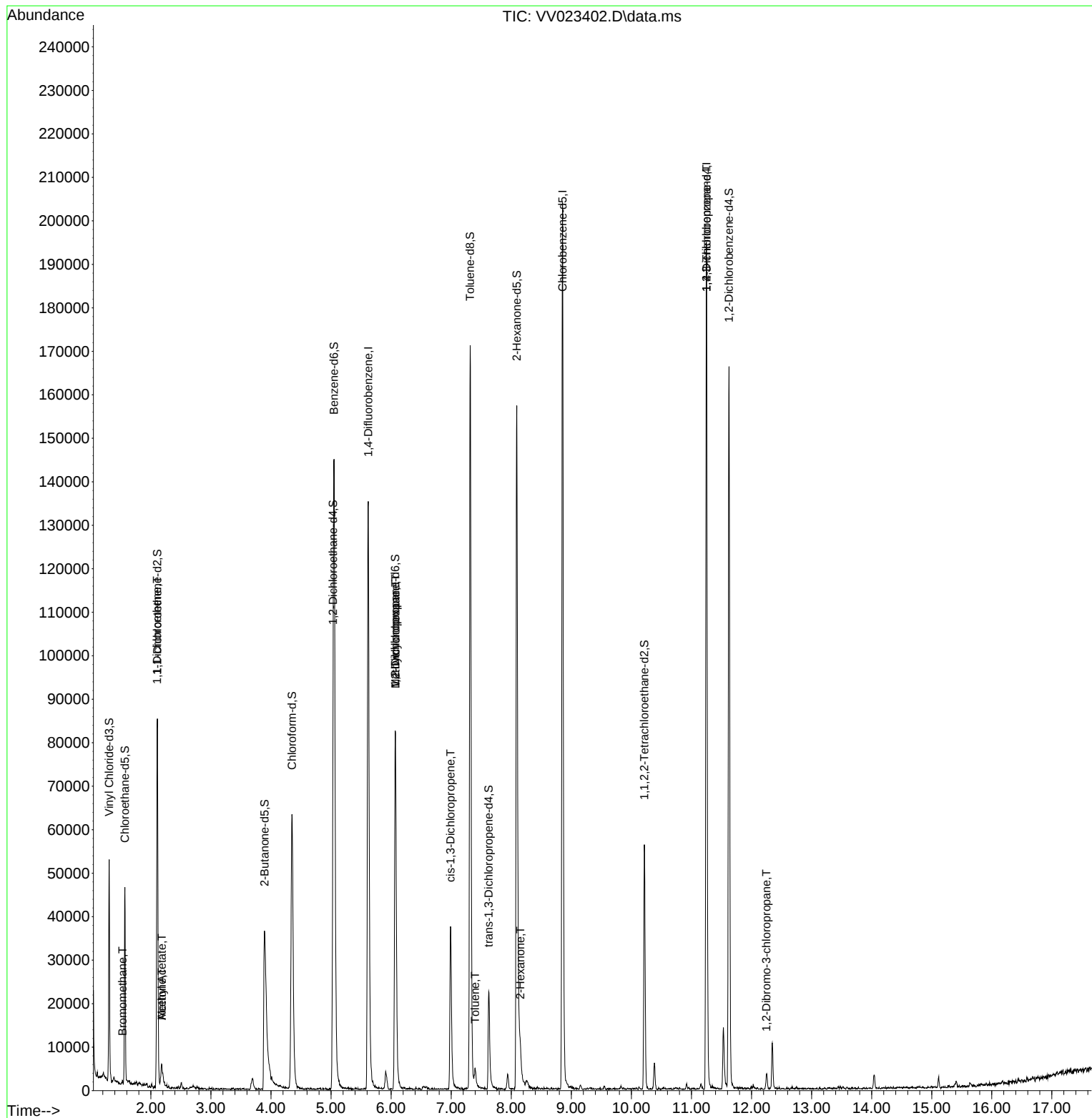
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31143	4.157	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.568	69	25971	4.253	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.108	63	44358	3.163	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	3.892	46	72361	56.064	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.120%	
24) Chloroform-d	4.349	84	66817	4.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	5.034	65	33115	4.612	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.050	84	131768	4.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.069	67	39266	4.499	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.317	98	113569	4.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	7.625	79	13959	4.218	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.092	63	52289	42.941	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25661	4.088	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	44815	5.044	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						Qvalue
6) Bromomethane	1.526	94	399	0.063	ug/L	84
12) 1,1-Dichloroethene	2.105	96	526	0.074	ug/L #	1
13) Acetone	2.182	43	8136	10.316	ug/L	96
15) Methyl Acetate	2.182	43	7335	3.286	ug/L #	47
35) Methylcyclohexane	6.072	83	9959	0.735	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4656	0.617	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1075	0.099	ug/L #	40
42) Toluene	7.397	91	3429	0.099	ug/L	90
48) 2-Hexanone	8.153	43	6350	2.591	ug/L #	69
61) 1,2,3-Trichloropropane	11.249	75	5937	1.675	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.246	75	167	0.221	ug/L #	1

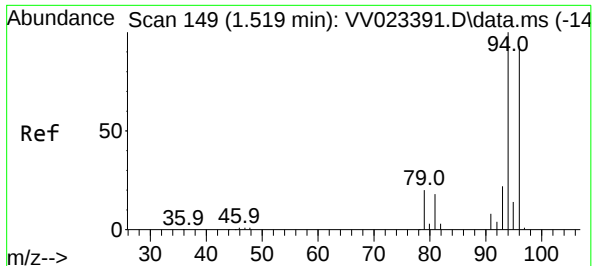
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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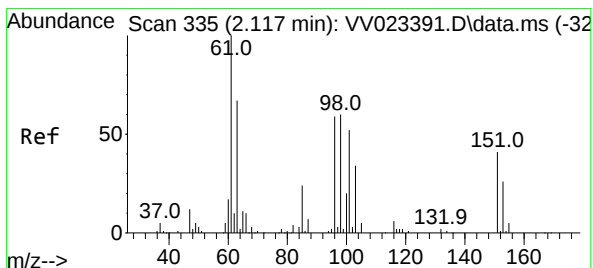
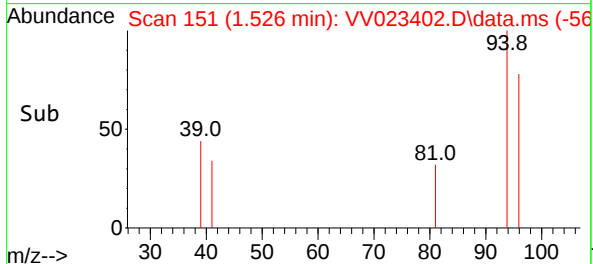
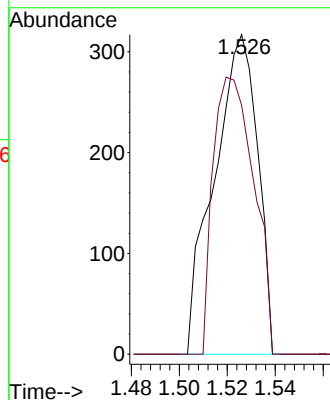
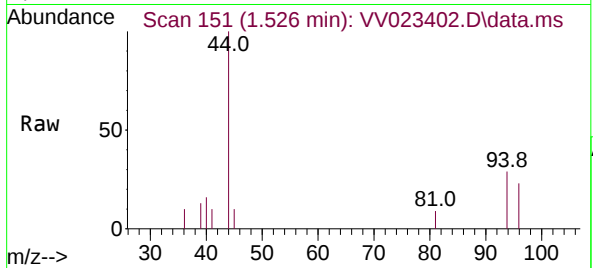




#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023402.D
Acq: 11 Nov 2021 20:59

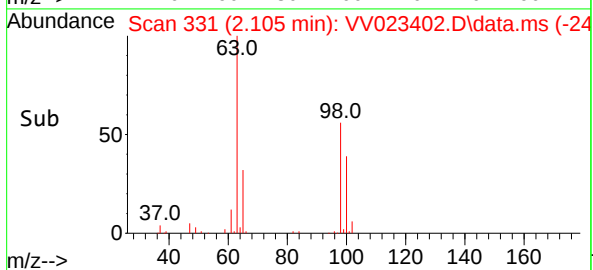
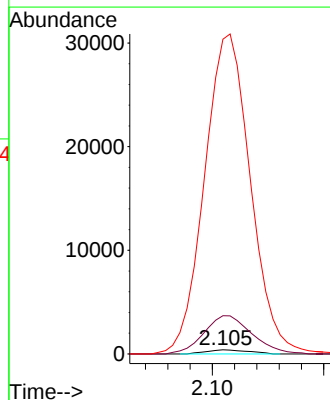
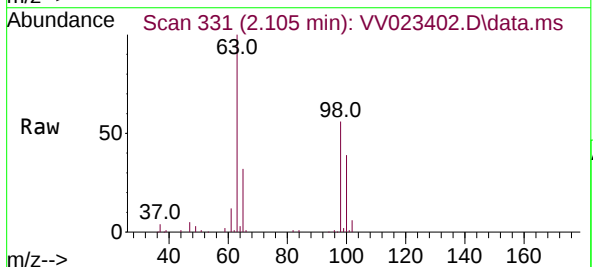
Instrument :
MSVOA_V
ClientSampleId :

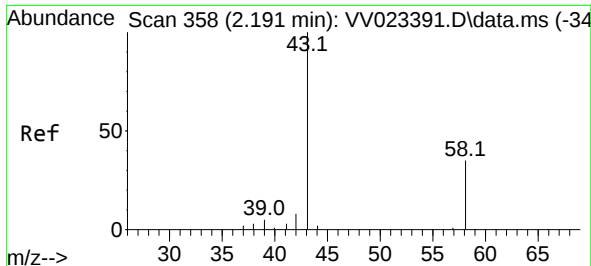
Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 77.9 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.074 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV023402.D
Acq: 11 Nov 2021 20:59

Tgt Ion: 96 Resp: 526
Ion Ratio Lower Upper
96 100
61 932.7 121.5 225.7#
63 7686.1 99.6 185.0#





#13

Acetone

Concen: 10.316 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.009 min

Lab File: VV023402.D

Acq: 11 Nov 2021 20:59

Instrument :

MSVOA_V

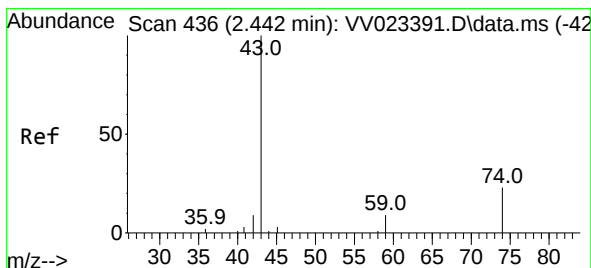
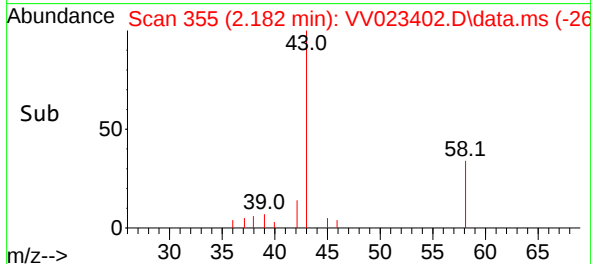
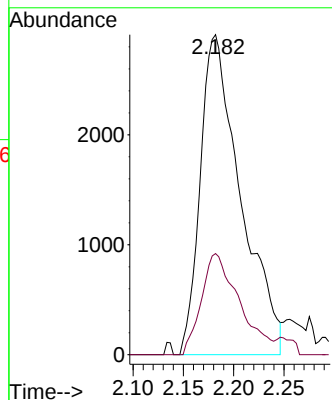
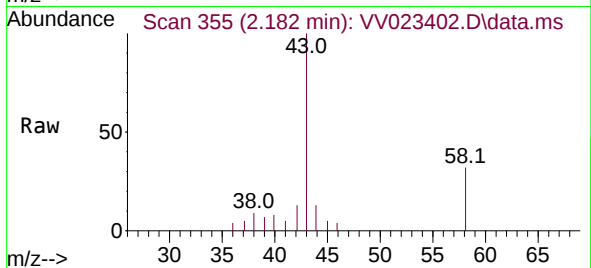
ClientSampleId :

Tgt Ion: 43 Resp: 8136

Ion Ratio Lower Upper

43 100

58 29.8 0.0 55.4



#15

Methyl Acetate

Concen: 3.286 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.260 min

Lab File: VV023402.D

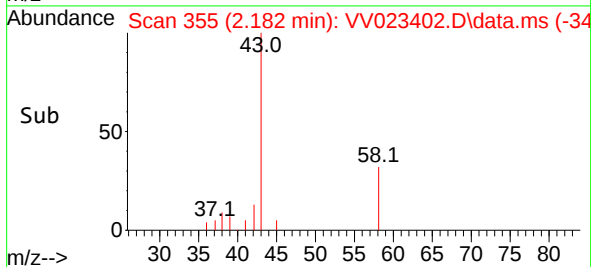
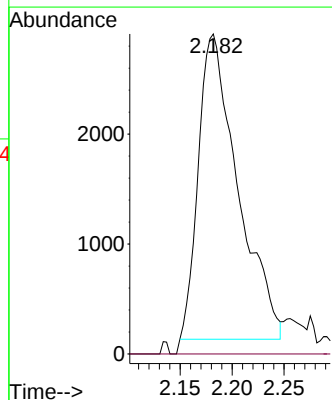
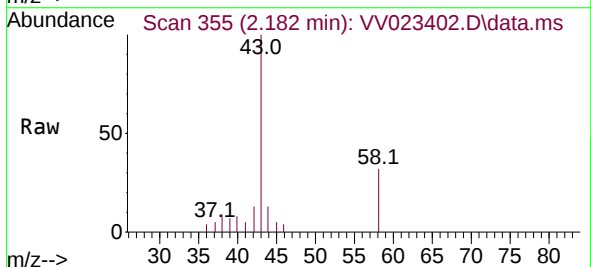
Acq: 11 Nov 2021 20:59

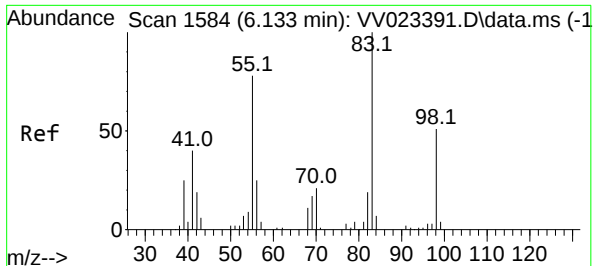
Tgt Ion: 43 Resp: 7335

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023402.D

Acq: 11 Nov 2021 20:59

Instrument :

MSVOA_V

ClientSampleId :

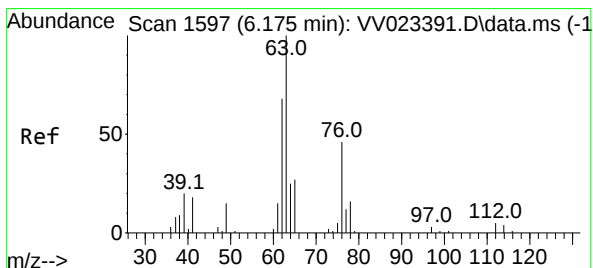
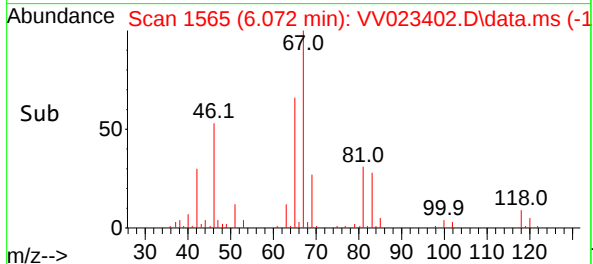
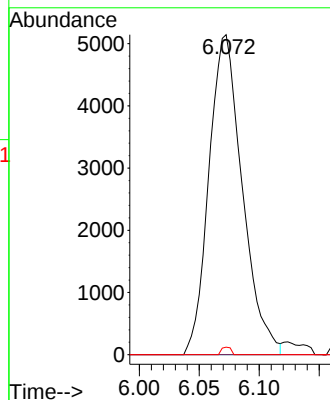
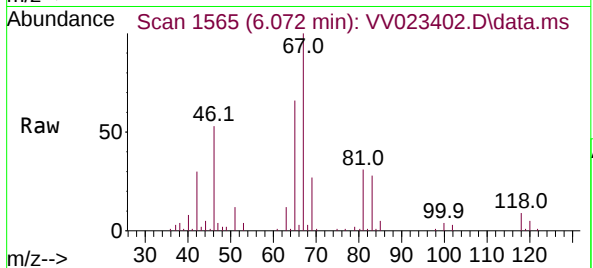
Tgt Ion: 83 Resp: 9959

Ion Ratio Lower Upper

83 100

55 0.5 62.8 94.2#

98 0.7 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV023402.D

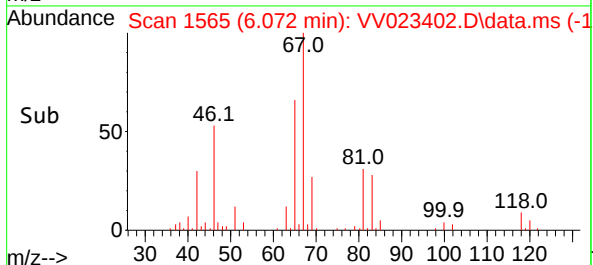
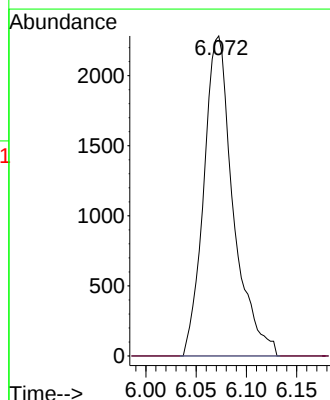
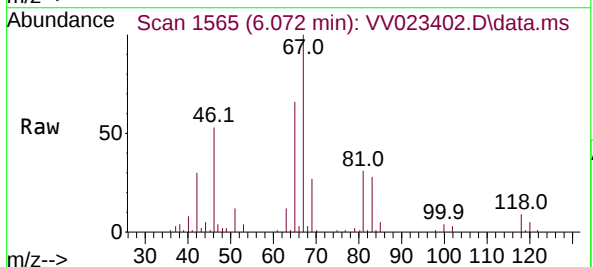
Acq: 11 Nov 2021 20:59

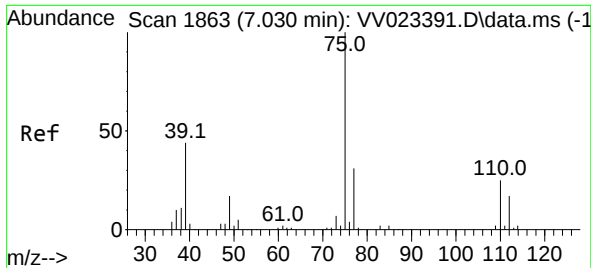
Tgt Ion: 63 Resp: 4656

Ion Ratio Lower Upper

63 100

112 0.9 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023402.D

Acq: 11 Nov 2021 20:59

Instrument :

MSVOA_V

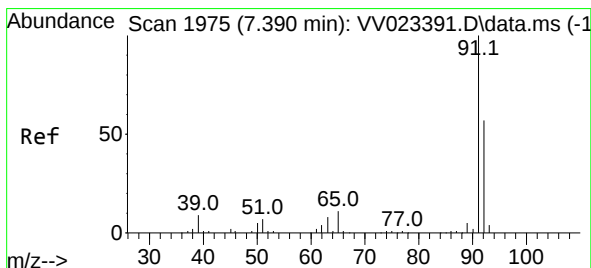
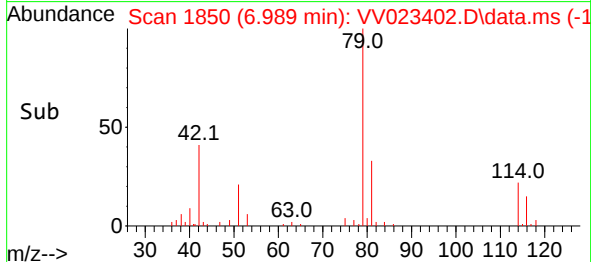
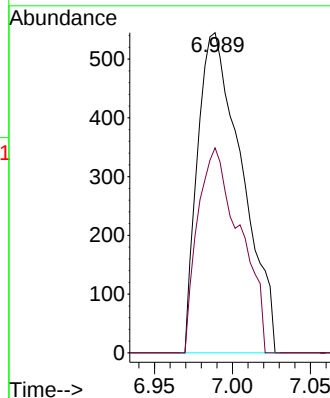
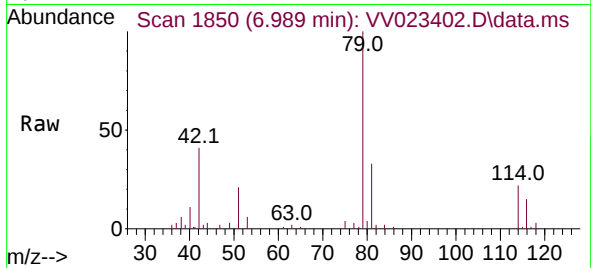
ClientSampleId :

Tgt Ion: 75 Resp: 1075

Ion Ratio Lower Upper

75 100

77 64.0 21.6 40.2#



#42

Toluene

Concen: 0.099 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.007 min

Lab File: VV023402.D

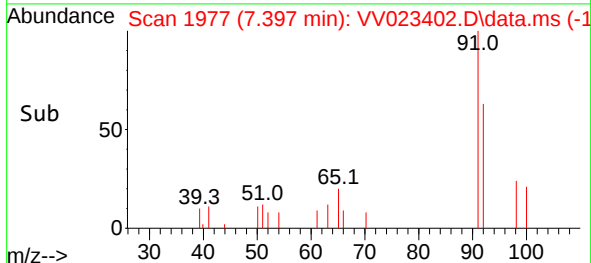
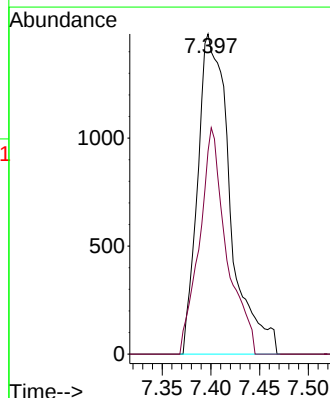
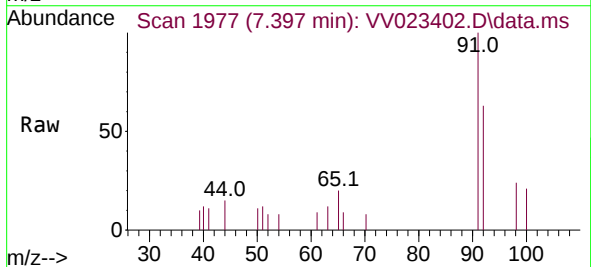
Acq: 11 Nov 2021 20:59

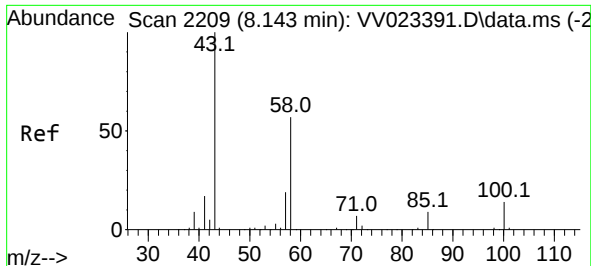
Tgt Ion: 91 Resp: 3429

Ion Ratio Lower Upper

91 100

92 63.4 39.3 72.9





#48

2-Hexanone

Concen: 2.591 ug/L

RT: 8.153 min Scan# 21

Delta R.T. 0.010 min

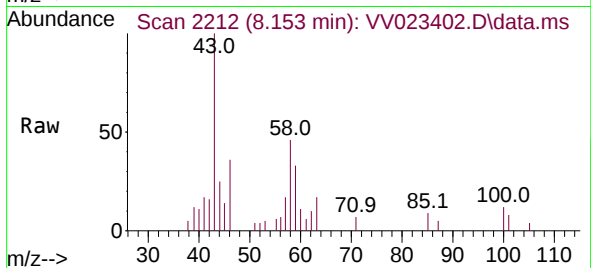
Lab File: VV023402.D

Acq: 11 Nov 2021 20:59

Instrument :

MSVOA_V

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Tgt Ion: 43 Resp: 6350

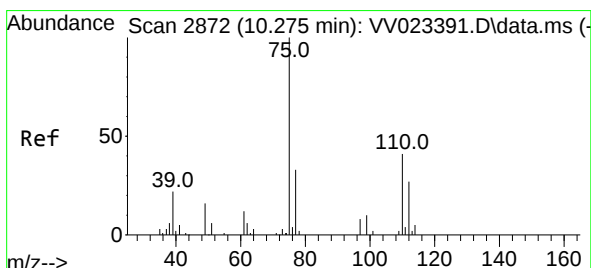
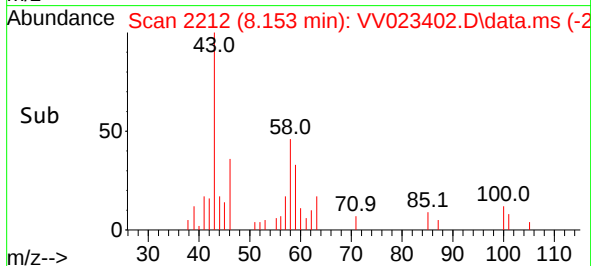
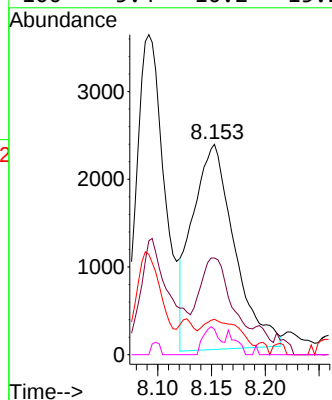
Ion Ratio Lower Upper

43 100

58 25.7 43.7 65.5#

57 11.9 14.1 21.1#

100 5.4 10.2 15.2#



#61

1,2,3-Trichloropropane

Concen: 1.675 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023402.D

Acq: 11 Nov 2021 20:59

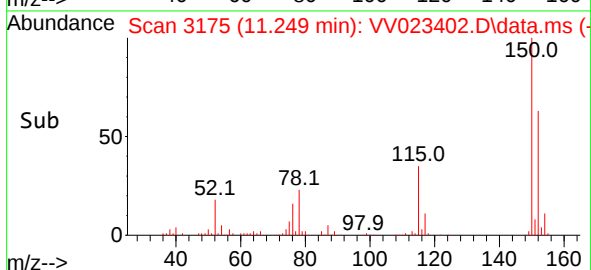
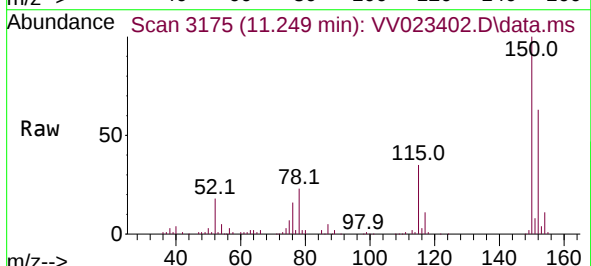
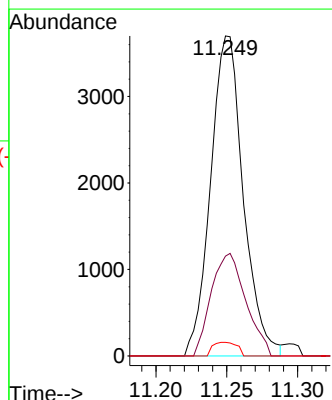
Tgt Ion: 75 Resp: 5937

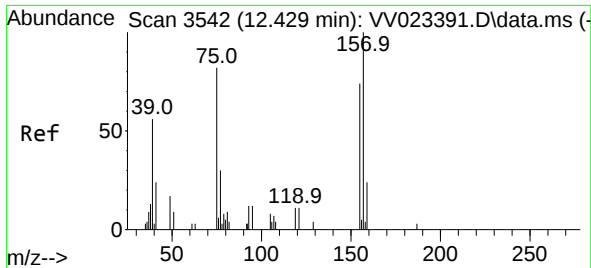
Ion Ratio Lower Upper

75 100

77 34.0 26.6 39.8

110 3.1 31.8 47.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.221 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.183 min

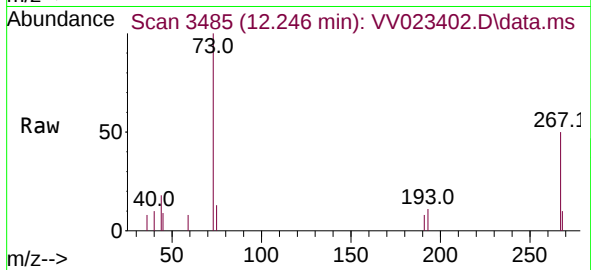
Lab File: VV023402.D

Acq: 11 Nov 2021 20:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 167

Ion Ratio Lower Upper

75 100

155 0.0 67.7 101.5#

157 0.0 87.9 131.9#

