

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023302.D
 Acq On : 09 Nov 2021 14:48
 Operator : SY/MD
 Sample : M4534-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 10 00:42:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 10 00:38:37 2021
 Response via : Initial Calibration

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

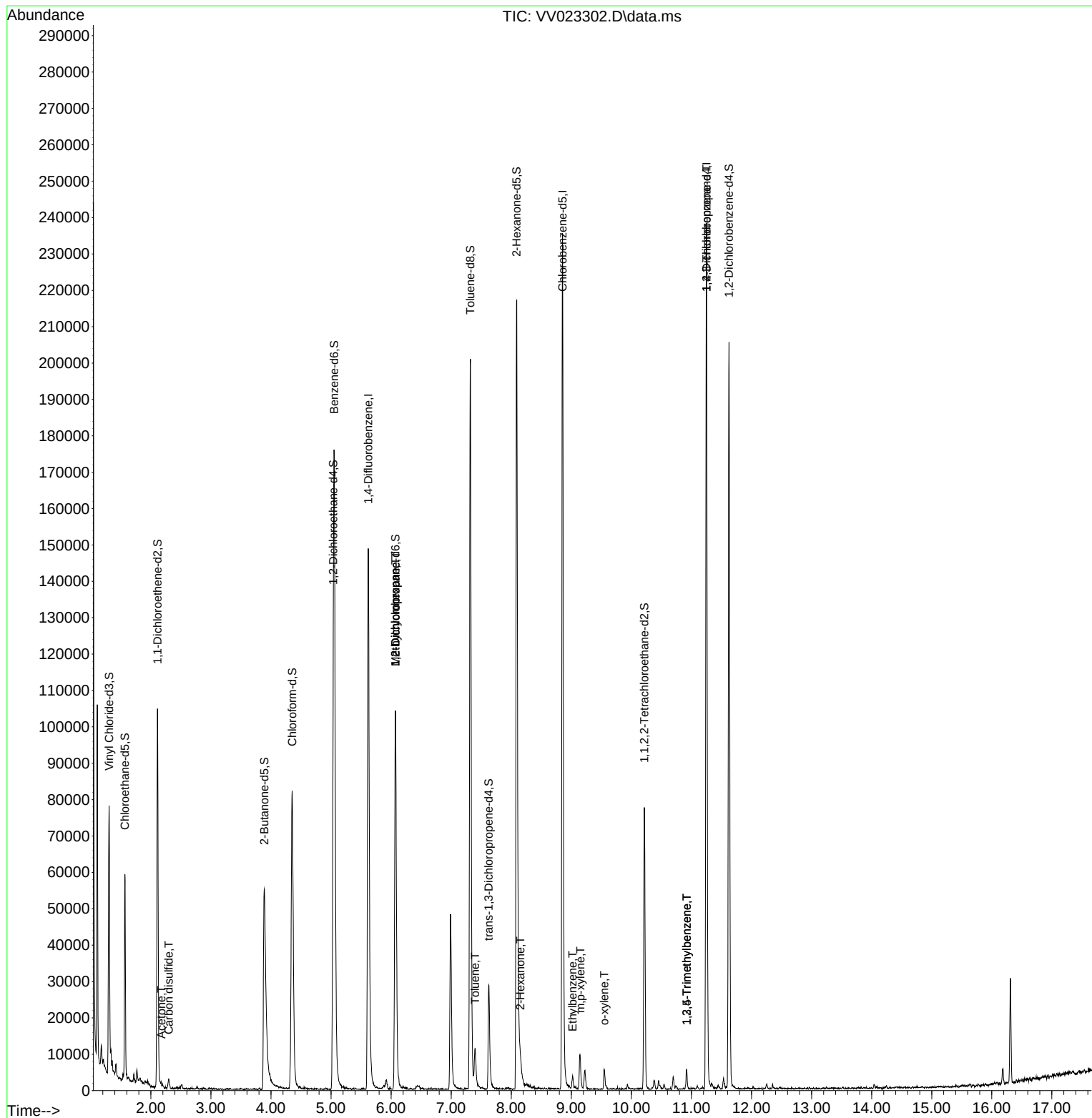
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133109	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	132832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36535	4.381	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.568	69	32249	4.745	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.111	63	51739	3.314	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.200%	
20) 2-Butanone-d5	3.889	46	99504	69.263	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.520%#	
24) Chloroform-d	4.352	84	85389	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.037	65	41663	5.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.053	84	160573	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.072	67	50922	5.076	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.320	98	133906	4.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16755	4.404	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.088	63	71556	51.123	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.240%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36027	4.993	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54427	5.072	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						
					Qvalue	
13) Acetone	2.175	43	1385	1.578	ug/L	77
14) Carbon disulfide	2.298	76	2836	0.095	ug/L	98
35) Methylcyclohexane	6.072	83	12281	0.788	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5850	0.675	ug/L #	83
42) Toluene	7.400	91	8119	0.204	ug/L	94
48) 2-Hexanone	8.153	43	3814	1.354	ug/L #	49
52) Ethylbenzene	9.021	91	2869	0.069	ug/L	87
53) m,p-xylene	9.149	106	2984	0.182	ug/L	98
54) o-xylene	9.548	106	1311	0.085	ug/L	80
61) 1,2,3-Trichloropropane	11.249	75	6923	1.617	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.921	105	2653	0.087	ug/L	95
63) 1,2,4-Trimethylbenzene	10.921	105	2653	0.087	ug/L	91

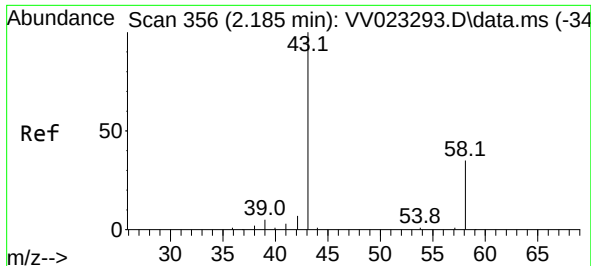
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.578 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023302.D

Acq: 09 Nov 2021 14:48

Instrument :

MSVOA_V

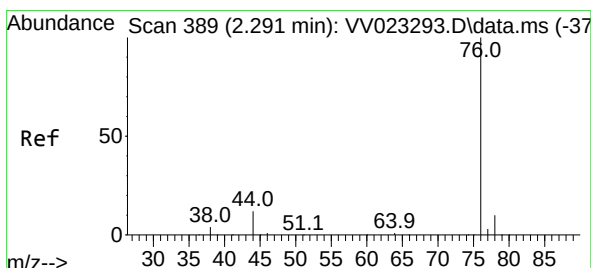
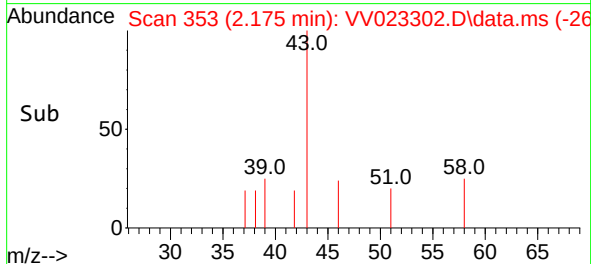
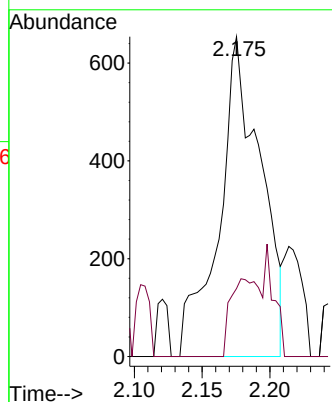
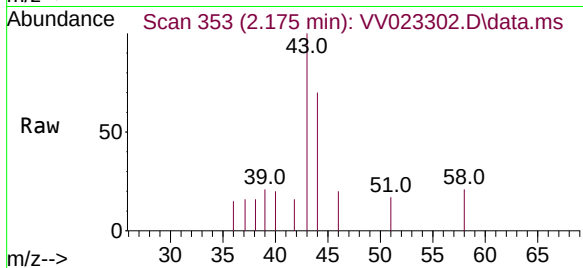
ClientSampleId :

Tgt Ion: 43 Resp: 1385

Ion Ratio Lower Upper

43 100

58 15.8 0.0 55.4



#14

Carbon disulfide

Concen: 0.095 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.006 min

Lab File: VV023302.D

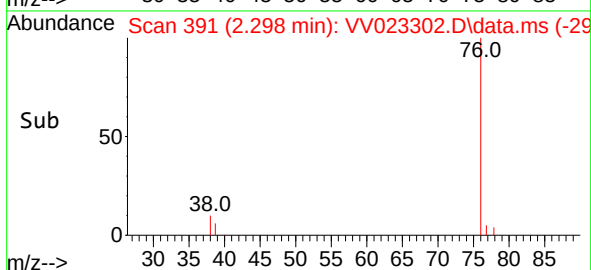
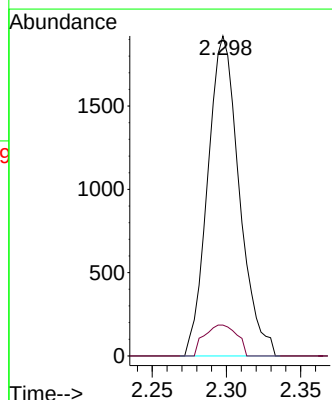
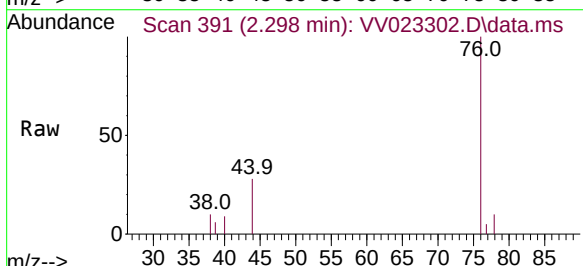
Acq: 09 Nov 2021 14:48

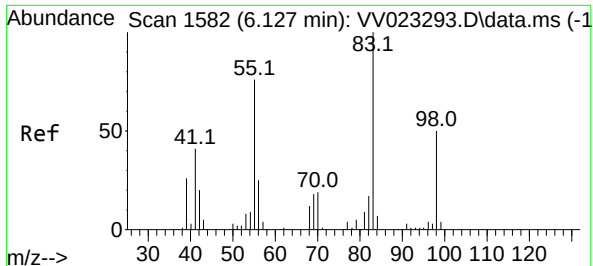
Tgt Ion: 76 Resp: 2836

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8





#35

Methylcyclohexane

Concen: 0.788 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023302.D

Acq: 09 Nov 2021 14:48

Instrument :

MSVOA_V

ClientSampleId :

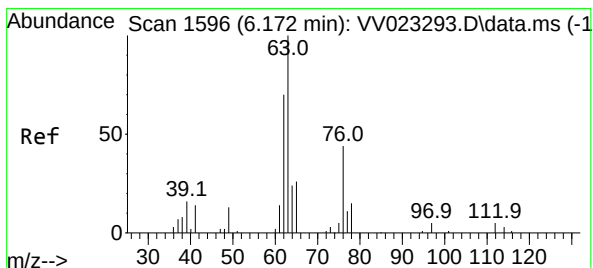
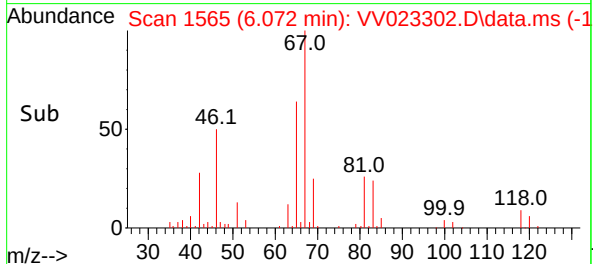
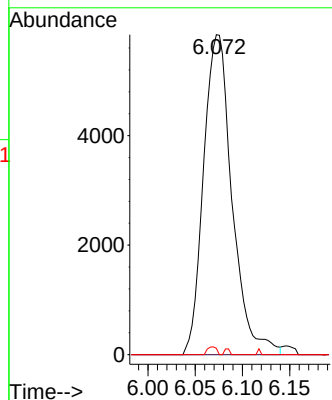
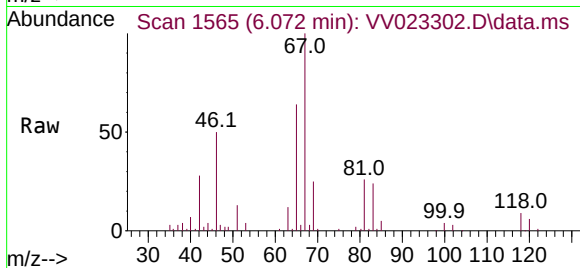
Tgt Ion: 83 Resp: 12281

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.8 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023302.D

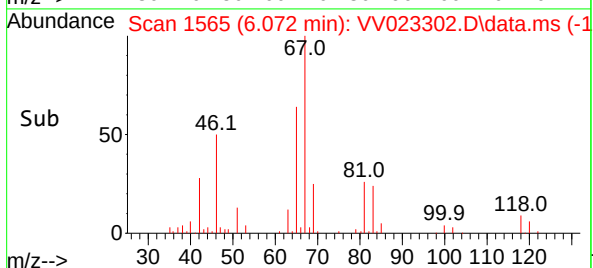
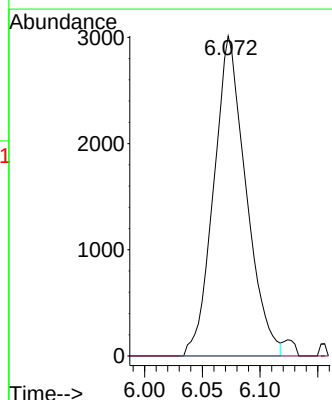
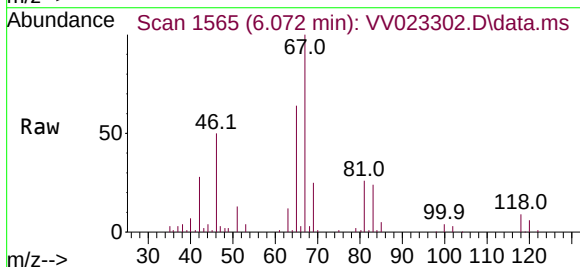
Acq: 09 Nov 2021 14:48

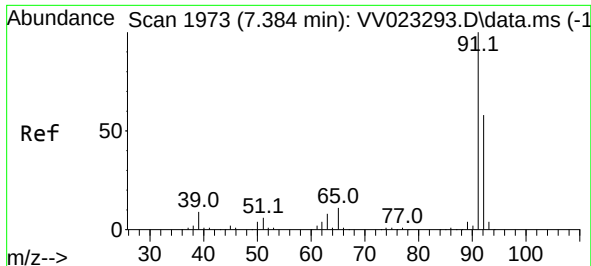
Tgt Ion: 63 Resp: 5850

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.204 ug/L

RT: 7.400 min Scan# 1973

Delta R.T. 0.016 min

Lab File: VV023302.D

Acq: 09 Nov 2021 14:48

Instrument :

MSVOA_V

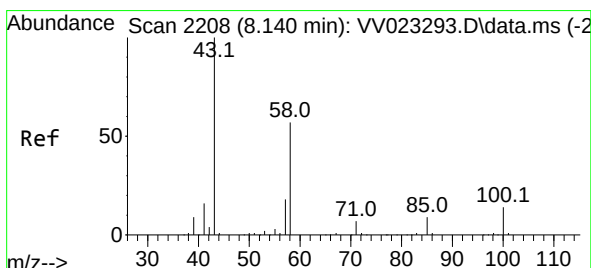
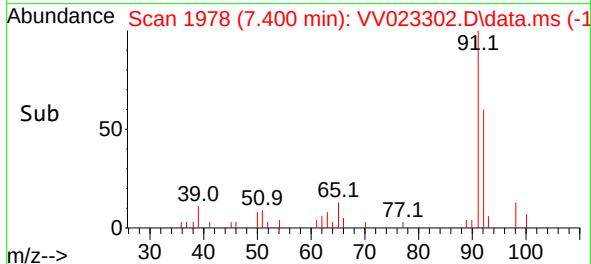
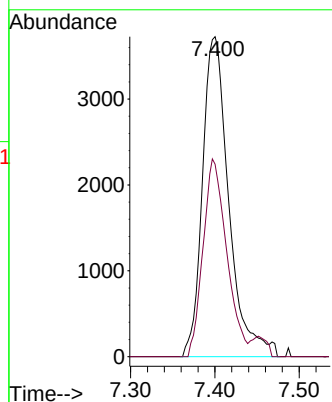
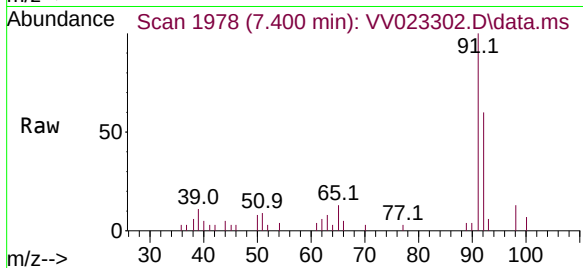
ClientSampleId :

Tgt Ion: 91 Resp: 8119

Ion Ratio Lower Upper

91 100

92 60.2 39.3 72.9



#48

2-Hexanone

Concen: 1.354 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.013 min

Lab File: VV023302.D

Acq: 09 Nov 2021 14:48

Tgt Ion: 43 Resp: 3814

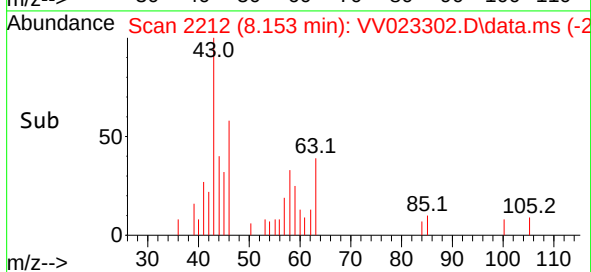
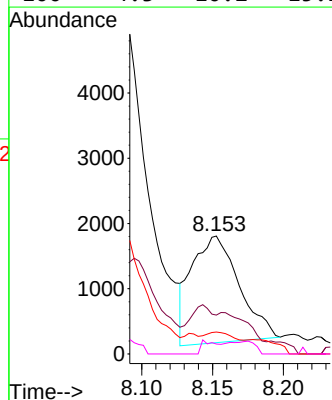
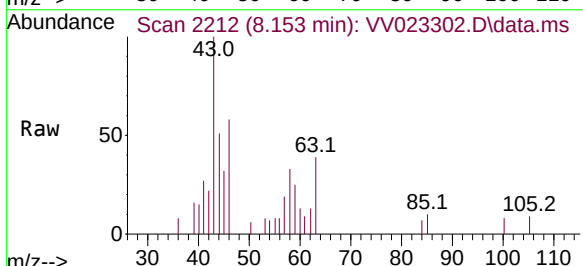
Ion Ratio Lower Upper

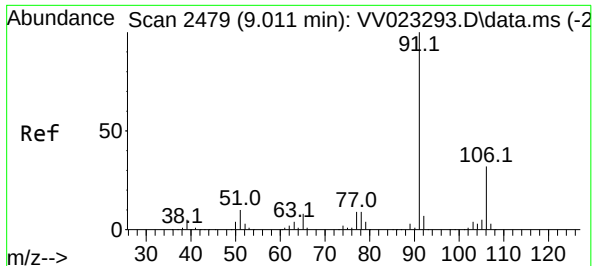
43 100

58 8.4 43.7 65.5#

57 4.6 14.1 21.1#

100 4.3 10.2 15.2#





#52

Ethylbenzene

Concen: 0.069 ug/L

RT: 9.021 min Scan# 2479

Delta R.T. 0.010 min

Lab File: VV023302.D

Acq: 09 Nov 2021 14:48

Instrument :

MSVOA_V

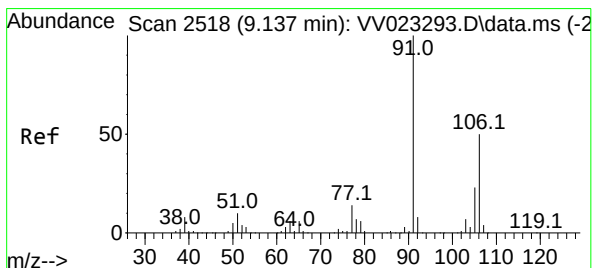
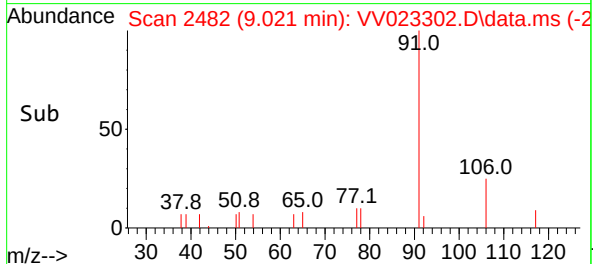
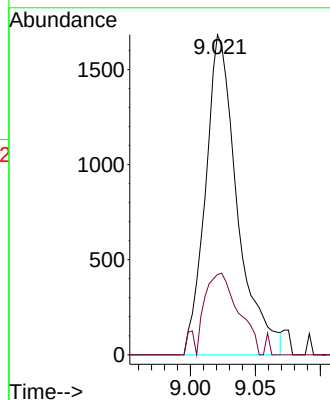
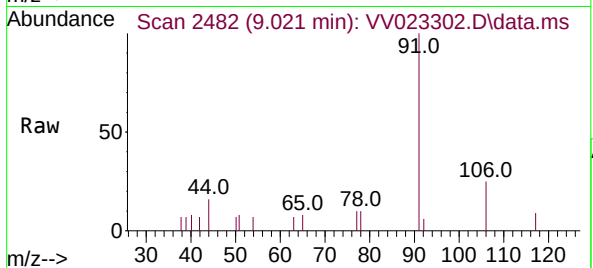
ClientSampleId :

Tgt Ion: 91 Resp: 2869

Ion Ratio Lower Upper

91 100

106 25.1 22.5 41.9



#53

m,p-xylene

Concen: 0.182 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV023302.D

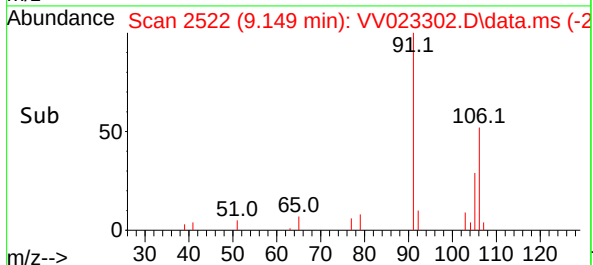
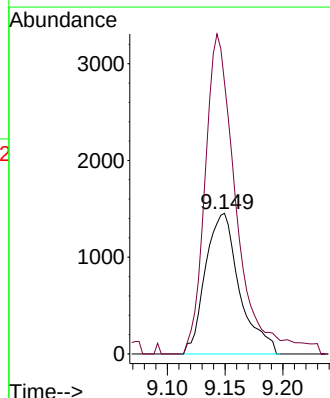
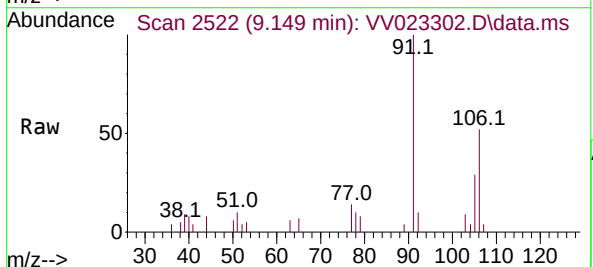
Acq: 09 Nov 2021 14:48

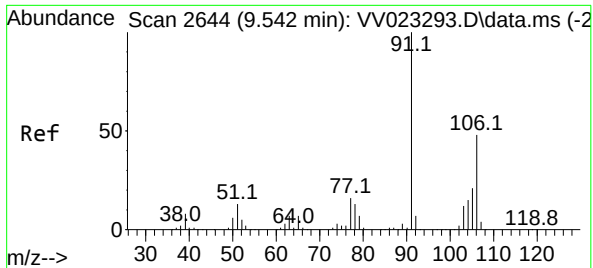
Tgt Ion: 106 Resp: 2984

Ion Ratio Lower Upper

106 100

91 192.9 137.2 254.8

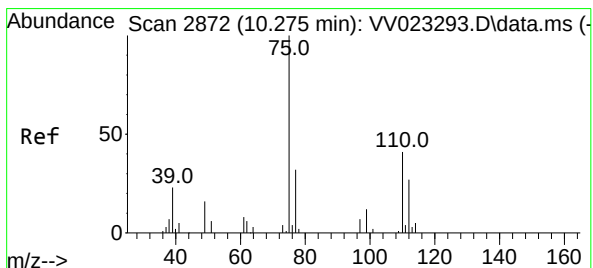
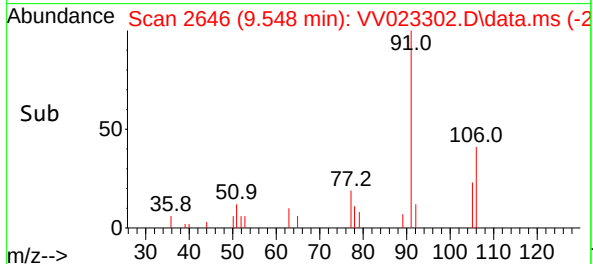
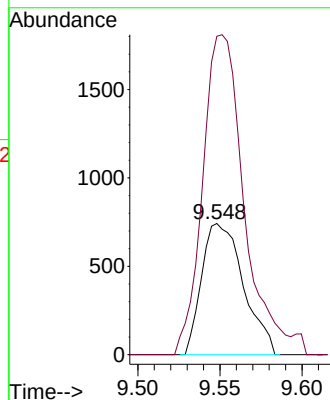
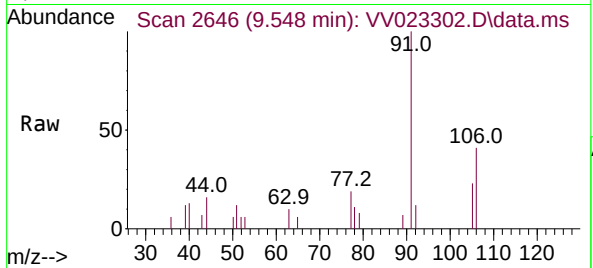




#54
o-xylene
Concen: 0.085 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023302.D
Acq: 09 Nov 2021 14:48

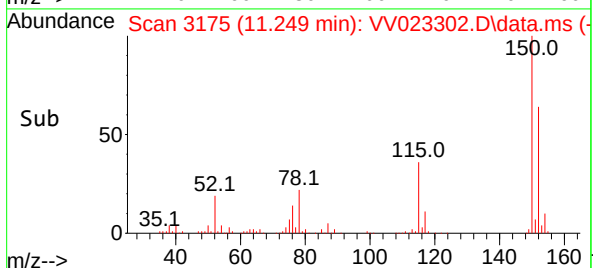
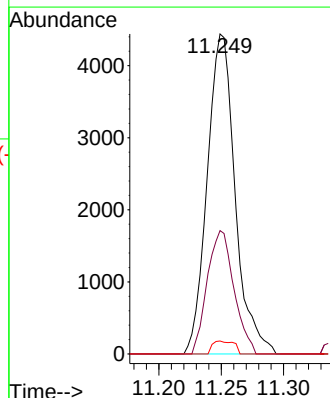
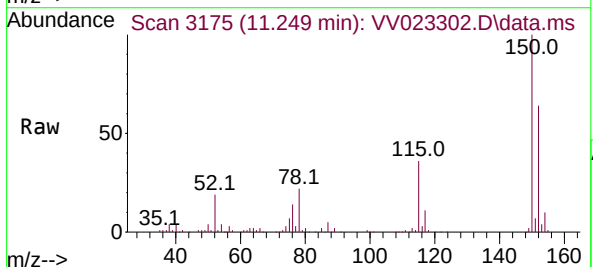
Instrument :
MSVOA_V
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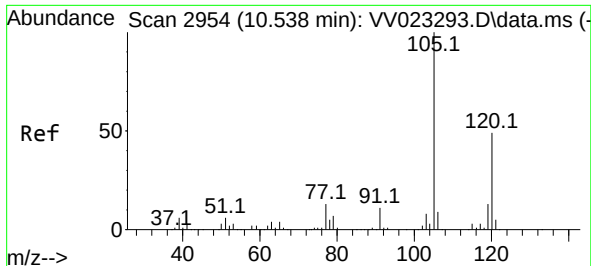
Tgt Ion:106 Resp: 1311
Ion Ratio Lower Upper
106 100
91 242.7 148.3 275.5



#61
1,2,3-Trichloropropane
Concen: 1.617 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023302.D
Acq: 09 Nov 2021 14:48

Tgt Ion: 75 Resp: 6923
Ion Ratio Lower Upper
75 100
77 36.7 26.6 39.8
110 3.1 31.8 47.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.087 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.383 min

Lab File: VV023302.D

Acq: 09 Nov 2021 14:48

Instrument :

MSVOA_V

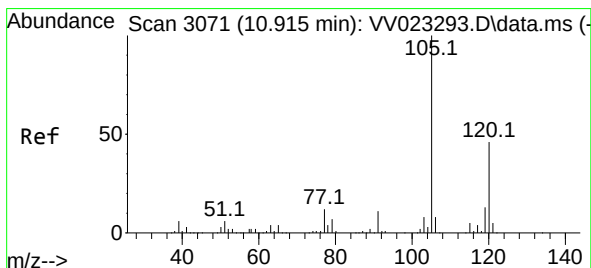
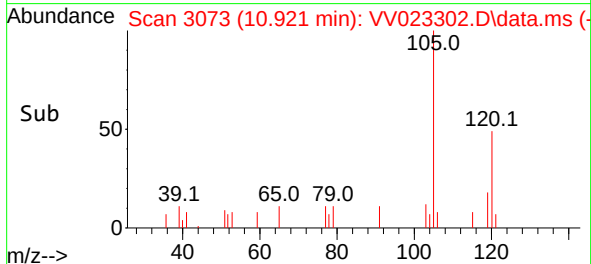
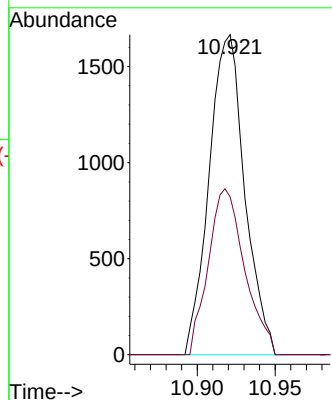
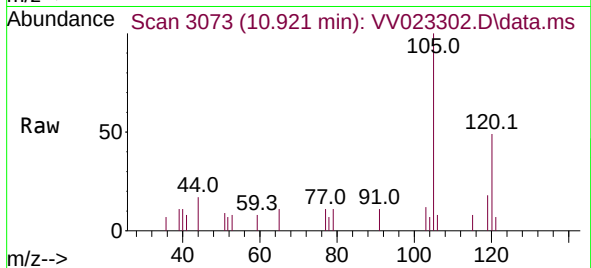
ClientSampleId :

Tgt Ion:105 Resp: 2653

Ion Ratio Lower Upper

105 100

120 52.8 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.087 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.006 min

Lab File: VV023302.D

Acq: 09 Nov 2021 14:48

Tgt Ion:105 Resp: 2653

Ion Ratio Lower Upper

105 100

120 52.8 37.4 56.2

