

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023295.D
 Acq On : 09 Nov 2021 11:36
 Operator : SY/MD
 Sample : M4445-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 10 00:40:54 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

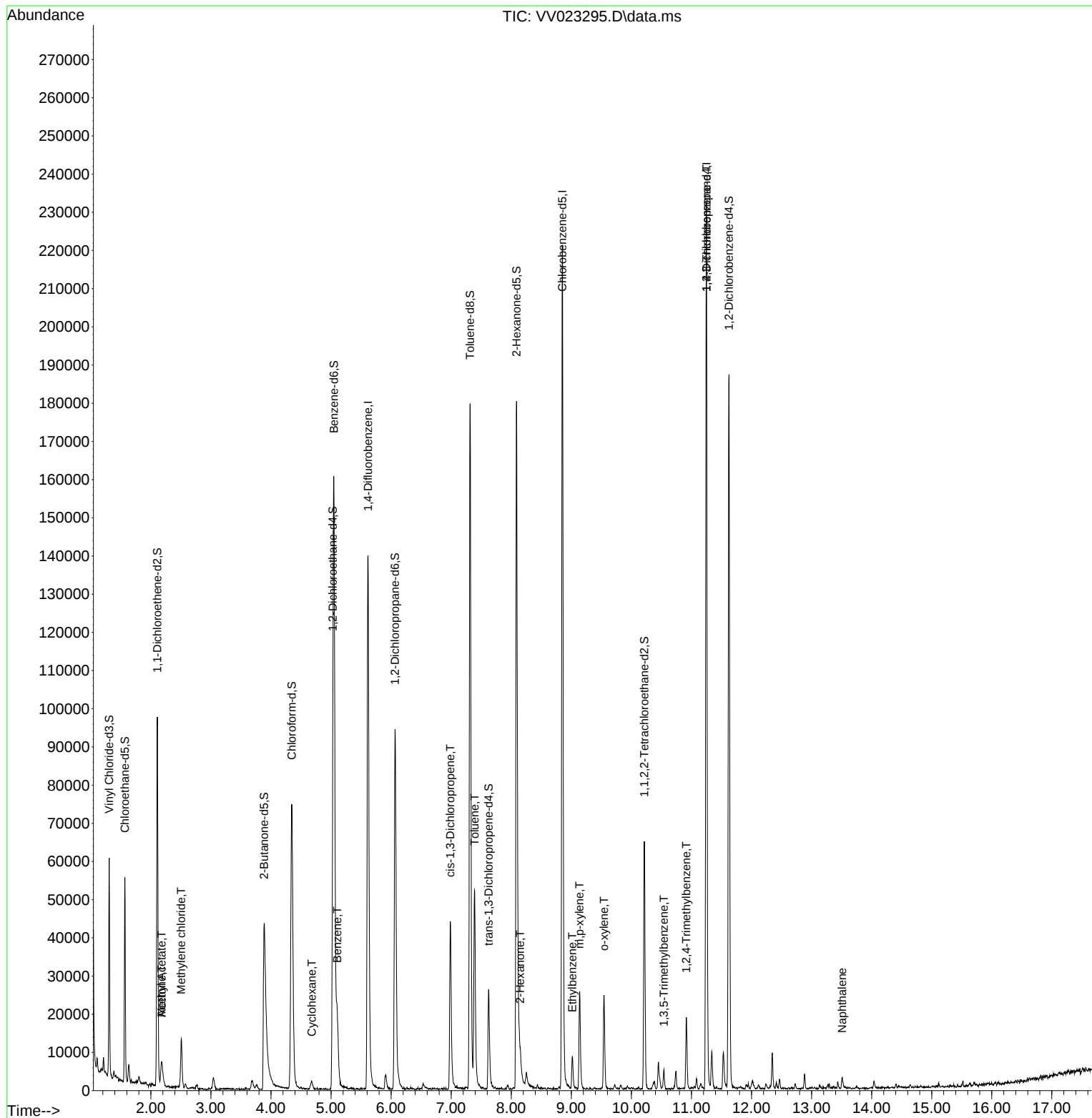
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127057	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	127663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33291	4.182	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.568	69	30817	4.750	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.108	63	48117	3.229	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.886	46	86356	62.974	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.940%	
24) Chloroform-d	4.346	84	78810	4.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.031	65	37597	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.047	84	145913	4.455	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.066	67	45835	4.753	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.314	98	121554	3.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	7.622	79	15812	4.325	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.088	63	59628	44.326	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.660%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30987	4.469	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49047	4.779	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
					Qvalue	
13) Acetone	2.179	43	10406	12.419	ug/L	93
15) Methyl Acetate	2.179	43	10024	4.227	ug/L #	47
16) Methylene chloride	2.507	84	5377	0.486	ug/L	97
30) Cyclohexane	4.677	56	1074	0.077	ug/L	97
33) Benzene	5.101	78	21065	0.590	ug/L	100
39) cis-1,3-Dichloropropene	6.986	75	1265	0.106	ug/L #	56
42) Toluene	7.387	91	40735	1.067	ug/L	95
48) 2-Hexanone	8.146	43	5039	1.861	ug/L #	80
52) Ethylbenzene	9.018	91	6276	0.156	ug/L	93
53) m,p-xylene	9.137	106	7590	0.480	ug/L	99
54) o-xylene	9.545	106	6564	0.443	ug/L	90
61) 1,2,3-Trichloropropane	11.249	75	6648	1.624	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.538	105	2908	0.099	ug/L	91
63) 1,2,4-Trimethylbenzene	10.915	105	10150	0.348	ug/L	96
71) Naphthalene	13.509	128	2762	0.165	ug/L #	93

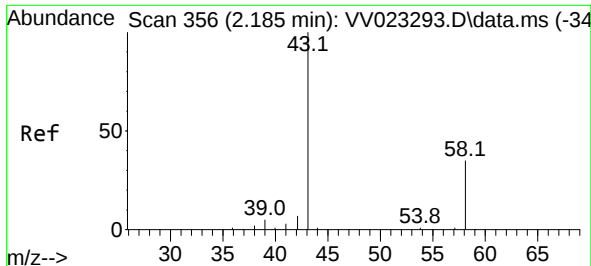
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.419 ug/L

RT: 2.179 min Scan# 356

Delta R.T. -0.006 min

Lab File: VV023295.D

Acq: 09 Nov 2021 11:36

Instrument :

MSVOA_V

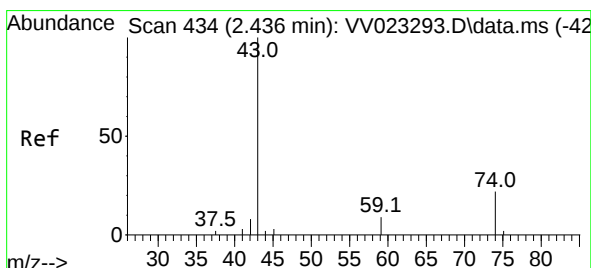
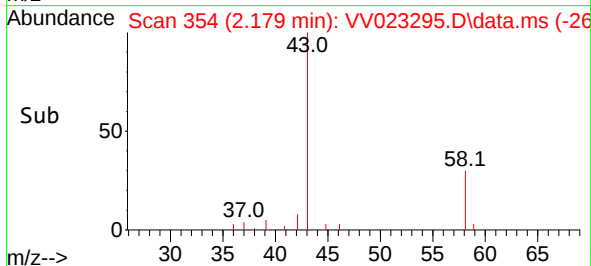
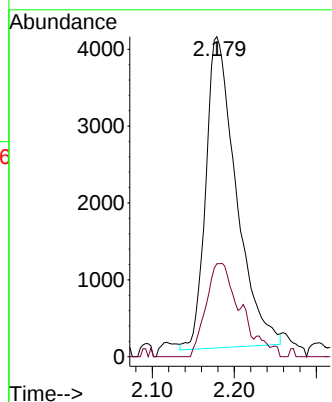
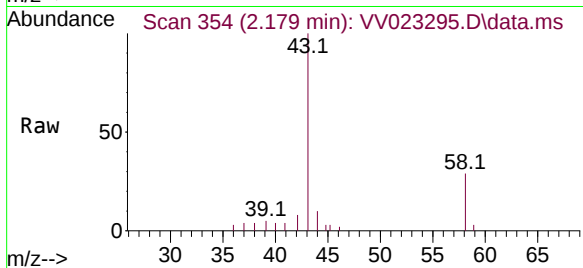
ClientSampleId :

Tgt Ion: 43 Resp: 10406

Ion Ratio Lower Upper

43 100

58 31.5 0.0 55.4



#15

Methyl Acetate

Concen: 4.227 ug/L

RT: 2.179 min Scan# 354

Delta R.T. -0.257 min

Lab File: VV023295.D

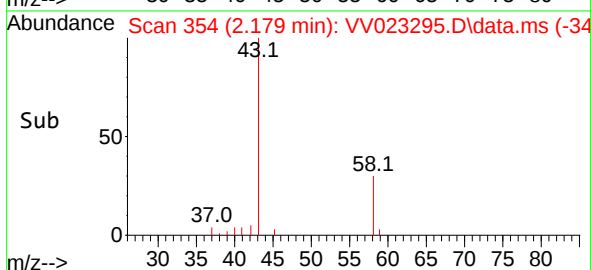
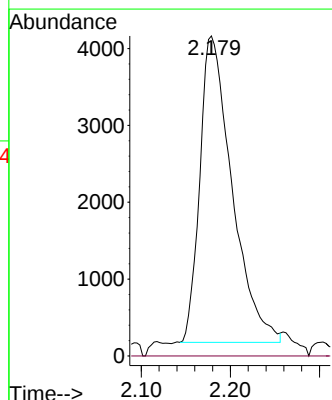
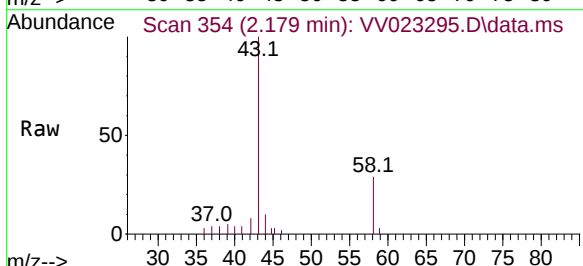
Acq: 09 Nov 2021 11:36

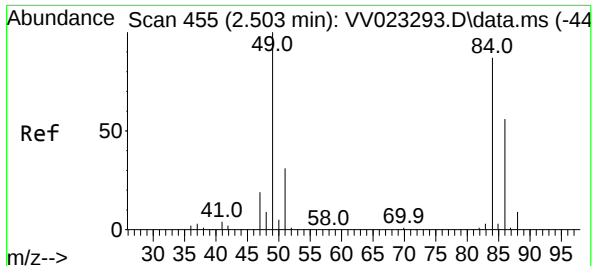
Tgt Ion: 43 Resp: 10024

Ion Ratio Lower Upper

43 100

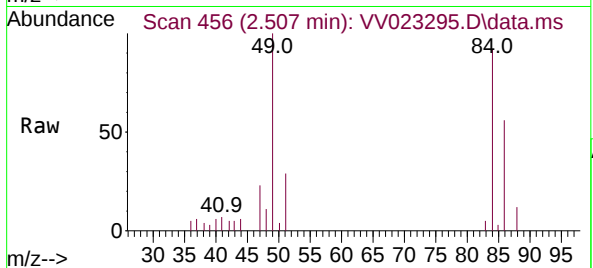
74 0.0 22.2 33.2#





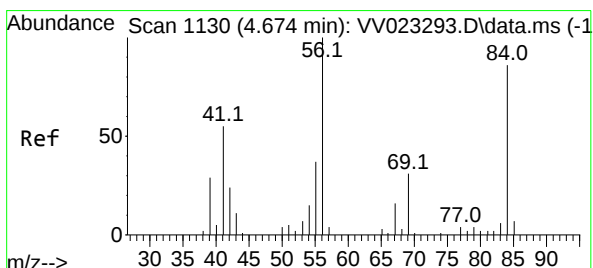
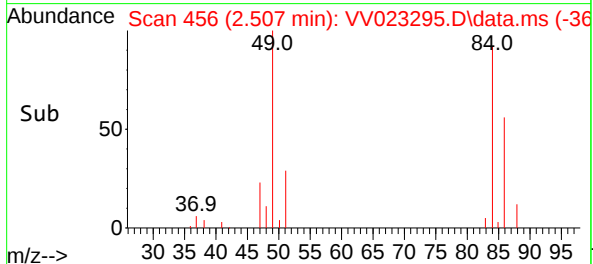
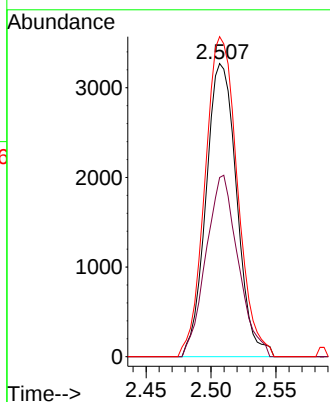
#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 5377

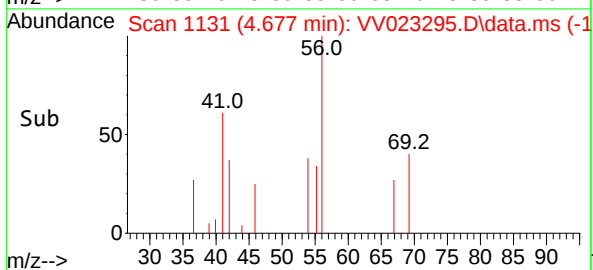
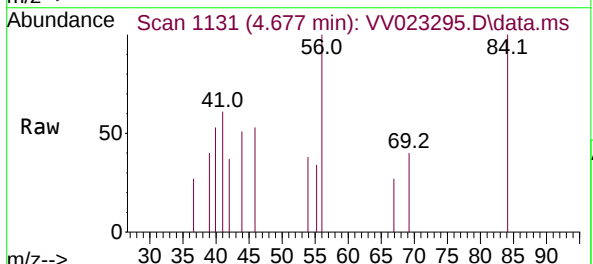
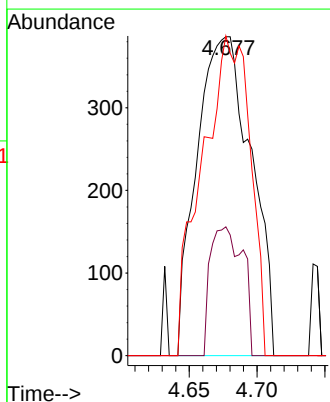
Ion	Ratio	Lower	Upper
84	100		
86	61.1	42.3	78.5
49	109.1	79.7	148.1

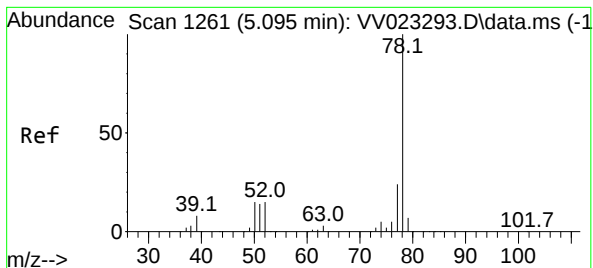


#30
Cyclohexane
Concen: 0.077 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Tgt Ion: 56 Resp: 1074

Ion	Ratio	Lower	Upper
56	100		
69	24.0	23.5	35.3
84	88.9	71.6	107.4





#33

Benzene

Concen: 0.590 ug/L

RT: 5.101 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023295.D

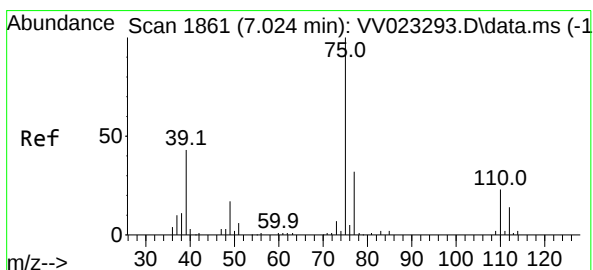
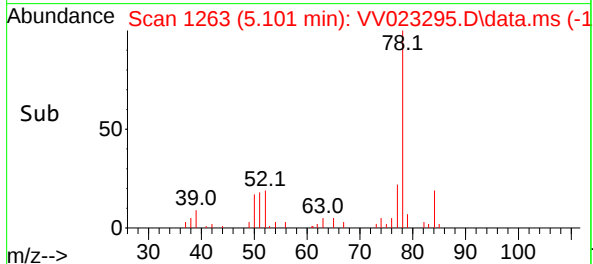
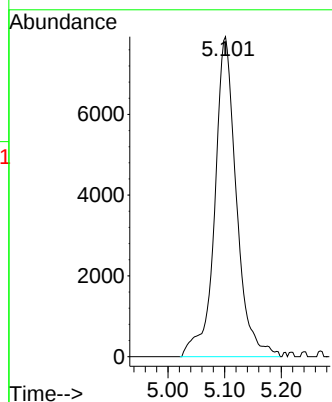
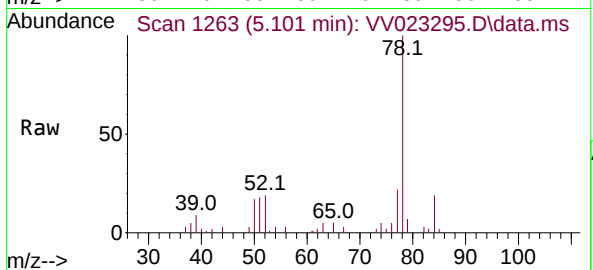
Acq: 09 Nov 2021 11:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 21065



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV023295.D

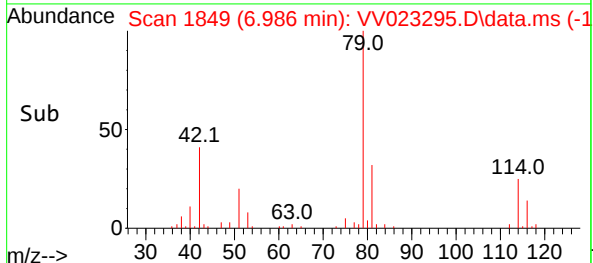
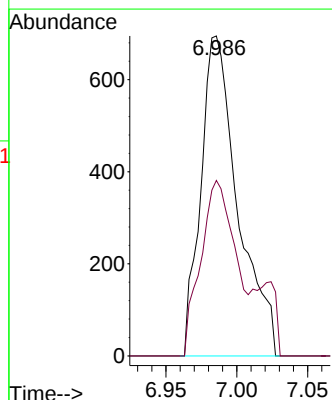
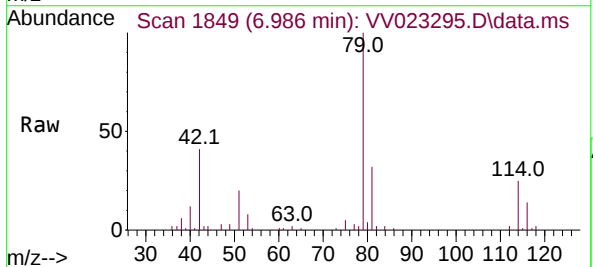
Acq: 09 Nov 2021 11:36

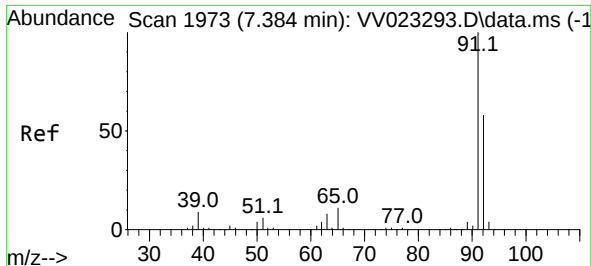
Tgt Ion: 75 Resp: 1265

Ion Ratio Lower Upper

75 100

77 54.8 21.6 40.2#





#42

Toluene

Concen: 1.067 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023295.D

Acq: 09 Nov 2021 11:36

Instrument :

MSVOA_V

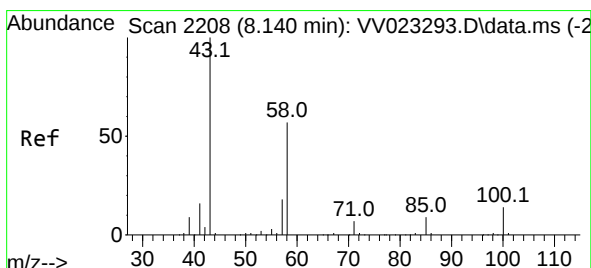
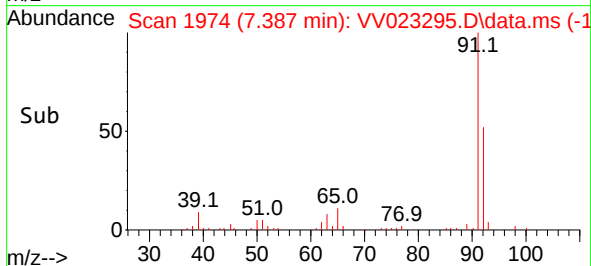
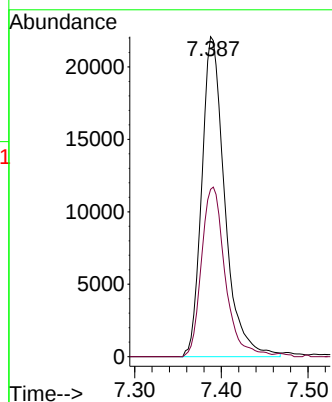
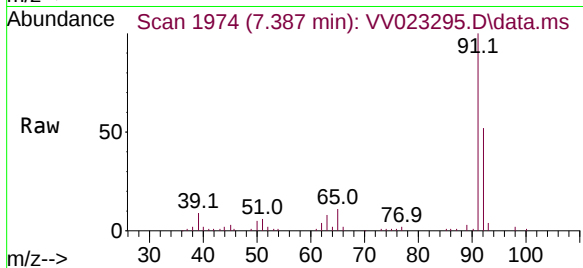
ClientSampleId :

Tgt Ion: 91 Resp: 40735

Ion Ratio Lower Upper

91 100

92 52.3 39.3 72.9



#48

2-Hexanone

Concen: 1.861 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023295.D

Acq: 09 Nov 2021 11:36

Tgt Ion: 43 Resp: 5039

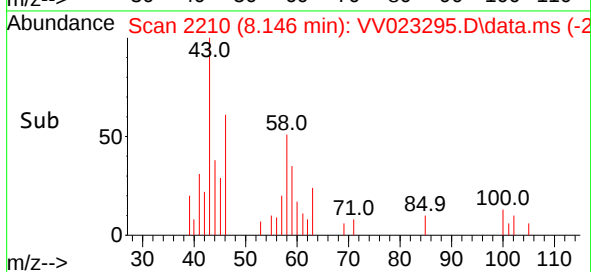
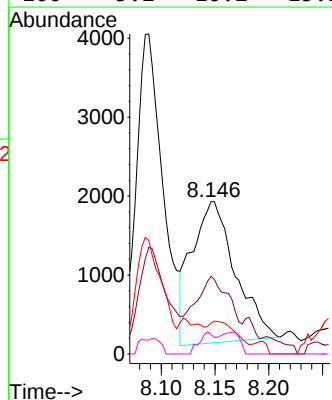
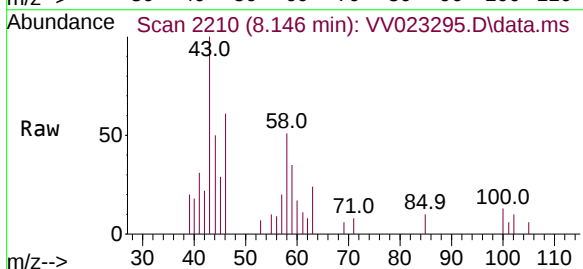
Ion Ratio Lower Upper

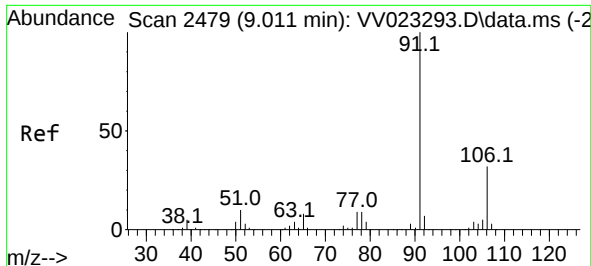
43 100

58 37.4 43.7 65.5#

57 14.0 14.1 21.1#

100 5.2 10.2 15.2#





#52

Ethylbenzene

Concen: 0.156 ug/L

RT: 9.018 min Scan# 2479

Delta R.T. 0.006 min

Lab File: VV023295.D

Acq: 09 Nov 2021 11:36

Instrument :

MSVOA_V

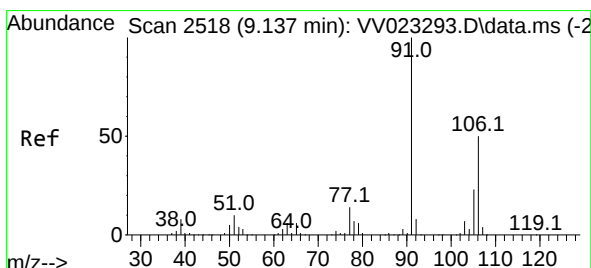
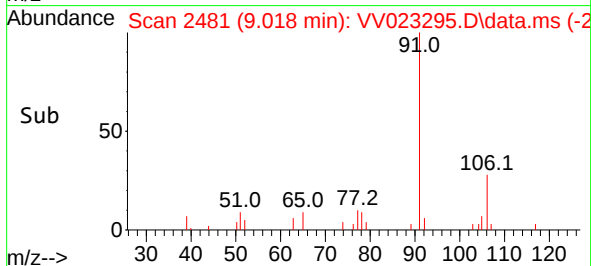
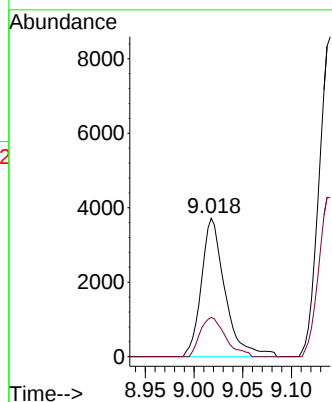
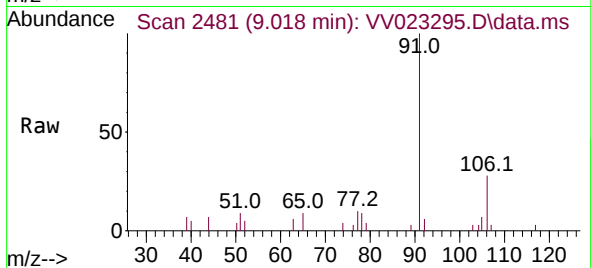
ClientSampleId :

Tgt Ion: 91 Resp: 6276

Ion Ratio Lower Upper

91 100

106 28.5 22.5 41.9



#53

m,p-xylene

Concen: 0.480 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV023295.D

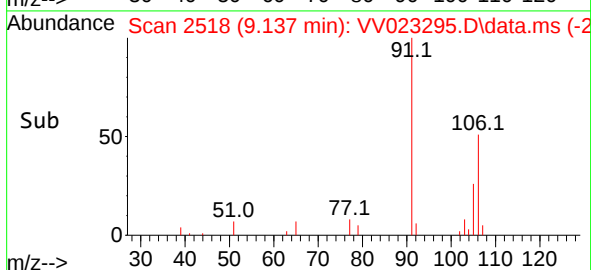
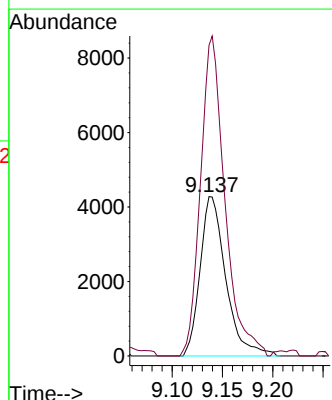
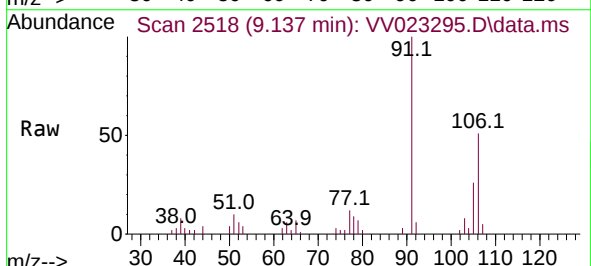
Acq: 09 Nov 2021 11:36

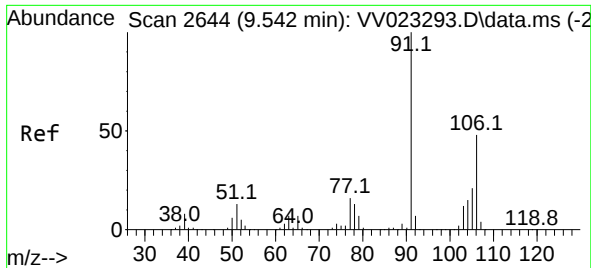
Tgt Ion:106 Resp: 7590

Ion Ratio Lower Upper

106 100

91 194.9 137.2 254.8

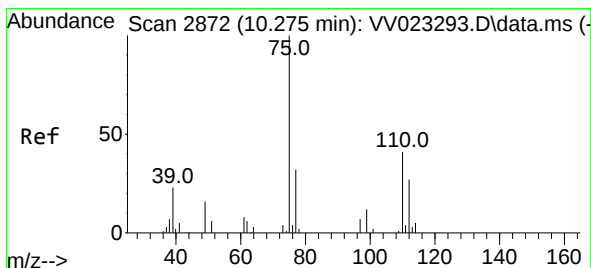
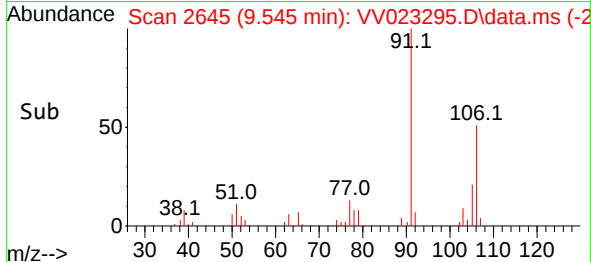
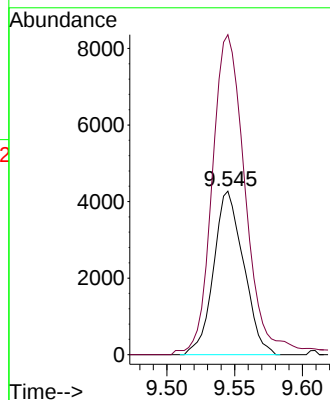
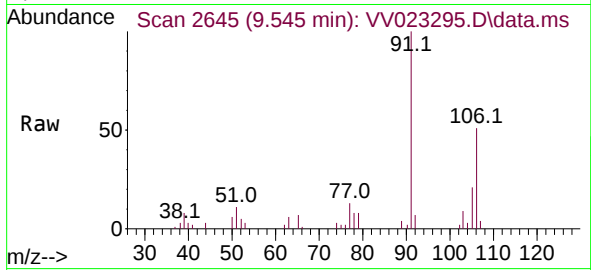




#54
o-xylene
Concen: 0.443 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

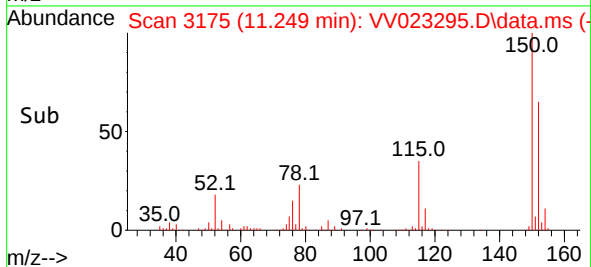
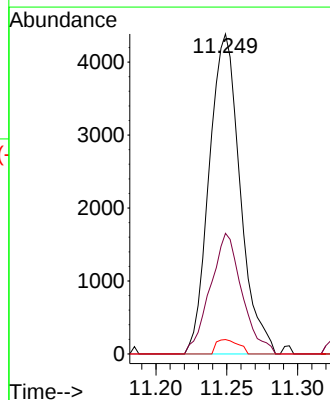
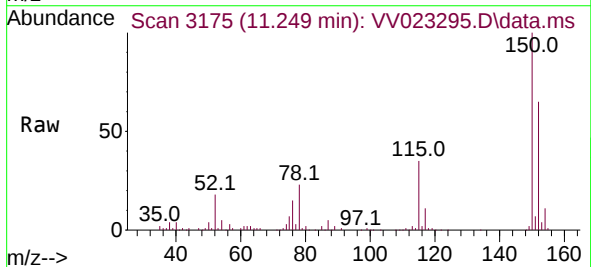
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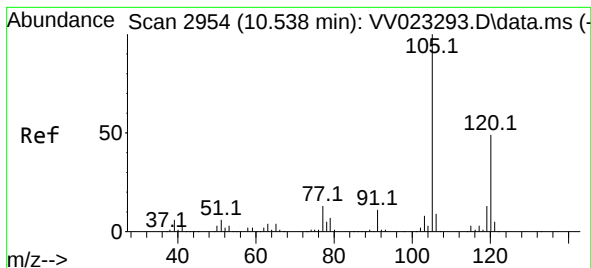
Tgt Ion:106 Resp: 6564
Ion Ratio Lower Upper
106 100
91 195.6 148.3 275.5



#61
1,2,3-Trichloropropane
Concen: 1.624 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023295.D
Acq: 09 Nov 2021 11:36

Tgt Ion: 75 Resp: 6648
Ion Ratio Lower Upper
75 100
77 38.8 26.6 39.8
110 3.2 31.8 47.6#





#62

1,3,5-Trimethylbenzene

Concen: 0.099 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023295.D

Acq: 09 Nov 2021 11:36

Instrument :

MSVOA_V

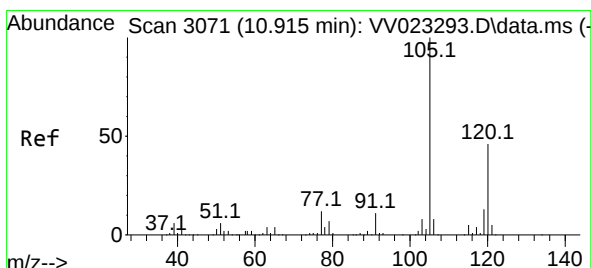
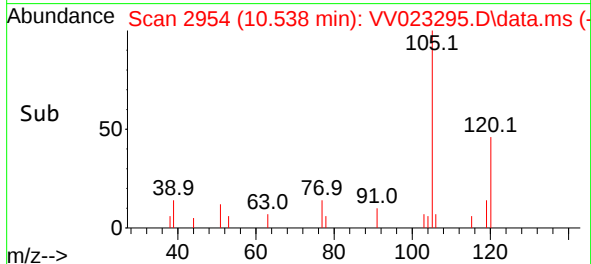
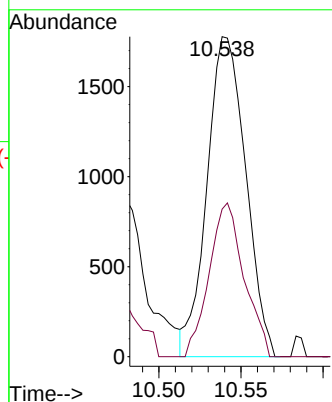
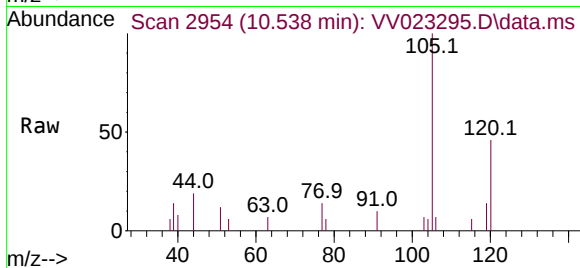
ClientSampleId :

Tgt Ion:105 Resp: 2908

Ion Ratio Lower Upper

105 100

120 43.5 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.348 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023295.D

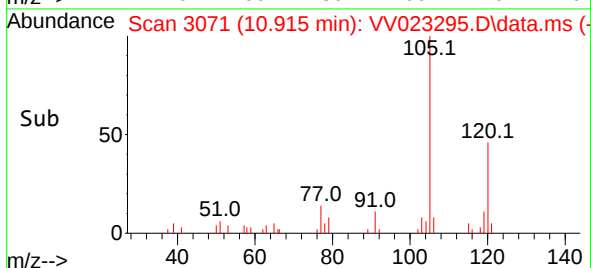
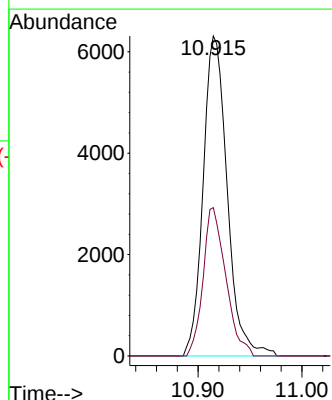
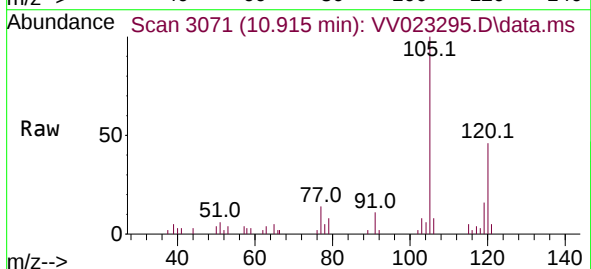
Acq: 09 Nov 2021 11:36

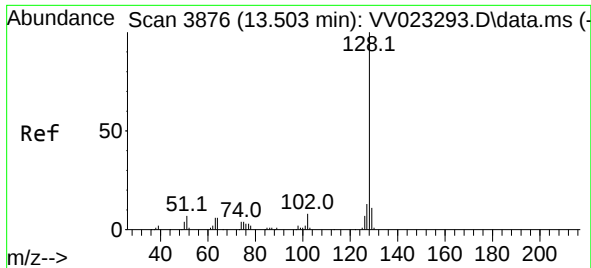
Tgt Ion:105 Resp: 10150

Ion Ratio Lower Upper

105 100

120 43.8 37.4 56.2





#71

Naphthalene

Concen: 0.165 ug/L

RT: 13.509 min Scan# 3876

Delta R.T. 0.006 min

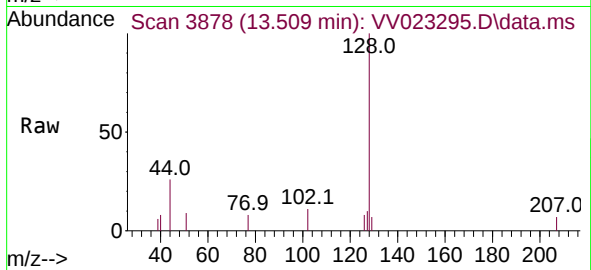
Lab File: VV023295.D

Acq: 09 Nov 2021 11:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 2762

Ion Ratio Lower Upper

128 100

129 7.0 8.6 13.0#

127 11.2 10.5 15.7

