

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022105.D
 Acq On : 07 Sep 2021 16:12
 Operator : SY/MD
 Sample : M3608-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 08 01:17:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

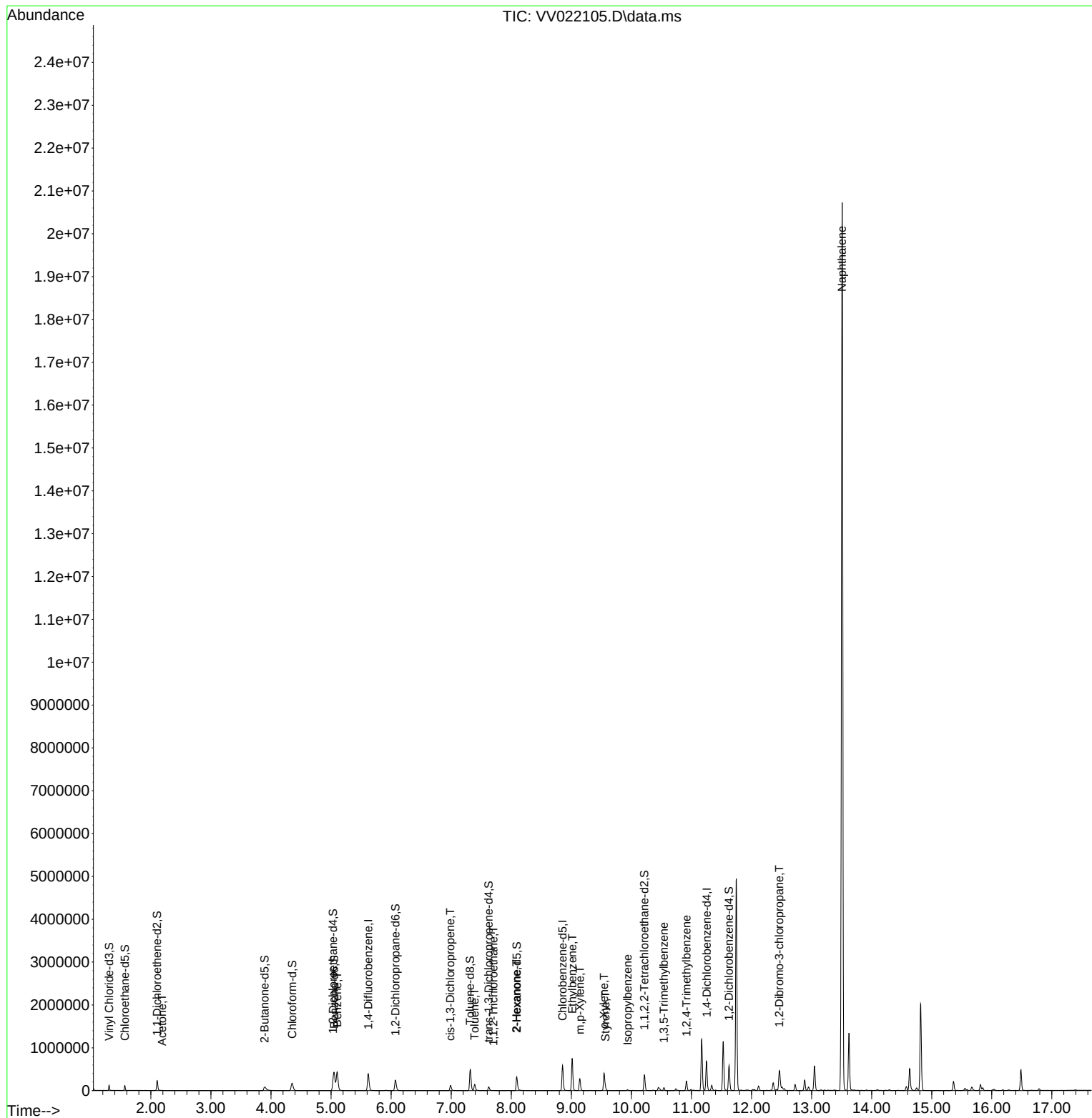
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	352767	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	332196	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	181804	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80198	32.828	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.660%		
7) Chloroethane-d5	1.568	69	70691	37.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.100%		
11) 1,1-Dichloroethene-d2	2.105	63	118530	29.337	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.680%#		
21) 2-Butanone-d5	3.892	46	163987	97.878	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.880%		
24) Chloroform-d	4.352	84	183112	41.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.220%		
26) 1,2-Dichloroethane-d4	5.034	65	116529	44.413	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.820%		
32) Benzene-d6	5.053	84	369416	40.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.000%		
36) 1,2-Dichloropropane-d6	6.072	67	120278	42.447	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.900%		
41) Toluene-d8	7.317	98	332616	39.106	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.220%#		
43) trans-1,3-Dichloroprop...	7.625	79	49181	36.466	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.940%		
47) 2-Hexanone-d5	8.091	63	115611	106.333	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.330%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	176604	48.664	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.320%		
66) 1,2-Dichlorobenzene-d4	11.625	152	151276	42.326	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.660%		
Target Compounds						Qvalue
13) Acetone	2.185	43	4313	3.072	ug/L #	77
33) Benzene	5.101	78	454464	47.022	ug/L	100
39) cis-1,3-Dichloropropene	6.985	75	3111	0.804	ug/L #	62
42) Toluene	7.391	91	109531	10.500	ug/L	98
45) 1,1,2-Trichloroethane	7.702	97	2191	0.859	ug/L #	16
48) 2-Hexanone	8.088	43	12500	4.743	ug/L #	69
52) Ethylbenzene	9.014	91	513156	45.444	ug/L	99
53) m,p-Xylene	9.143	106	80005	18.228	ug/L	99
54) o-Xylene	9.545	106	104302	24.018	ug/L	99
55) Styrene	9.567	104	42438	5.726	ug/L	92
60) Isopropylbenzene	9.937	105	13112	1.148	ug/L #	97
62) 1,3,5-Trimethylbenzene	10.542	105	35386	3.690	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	120767	12.389	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.461	75	10307	13.573	ug/L #	1
71) Naphthalene	13.506	128	15409288	1404.061	ug/L #	93

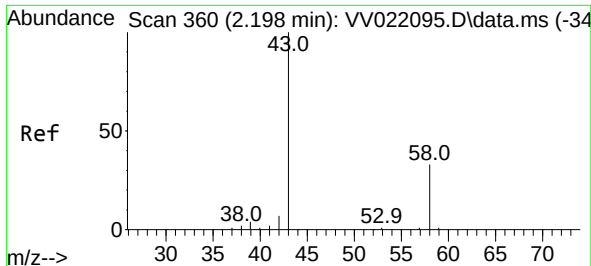
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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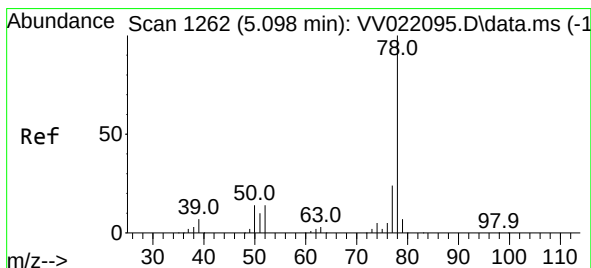
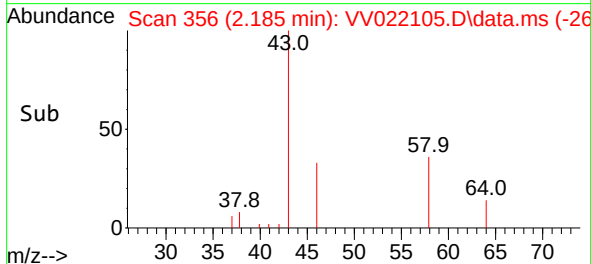
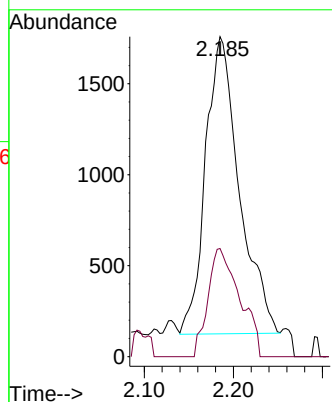
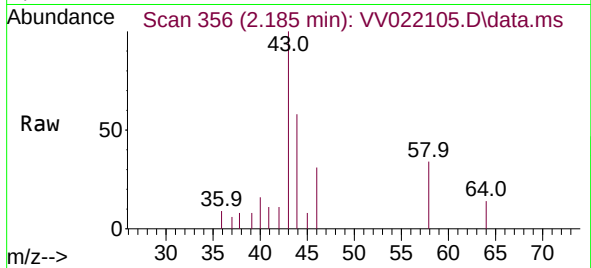




#13
Acetone
Concen: 3.072 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.013 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

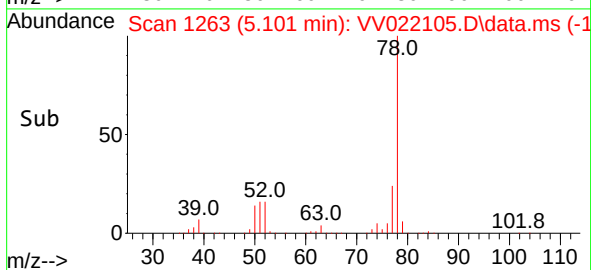
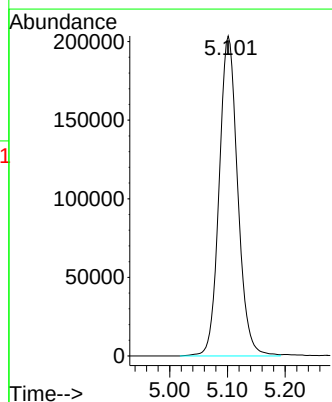
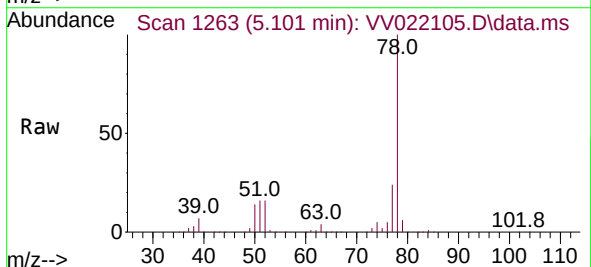
Instrument :
MSVOA_V
ClientSampleId :

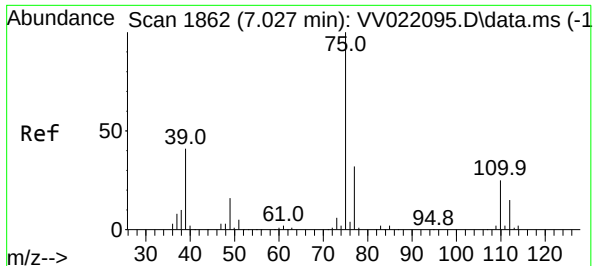
Tgt Ion: 43 Resp: 4313
Ion Ratio Lower Upper
43 100
58 29.1 0.0 0.4#



#33
Benzene
Concen: 47.022 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Tgt Ion: 78 Resp: 454464



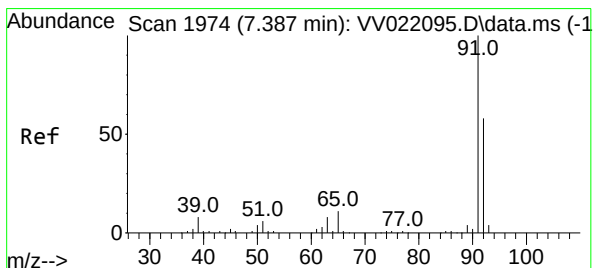
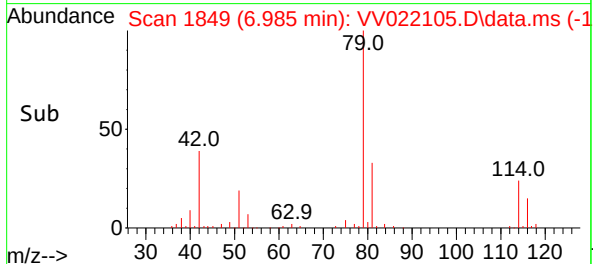
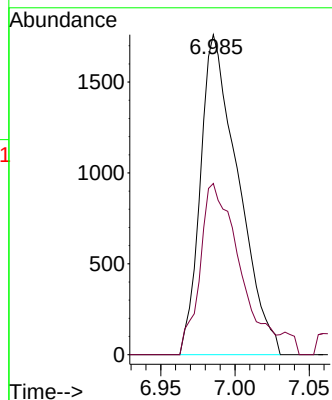
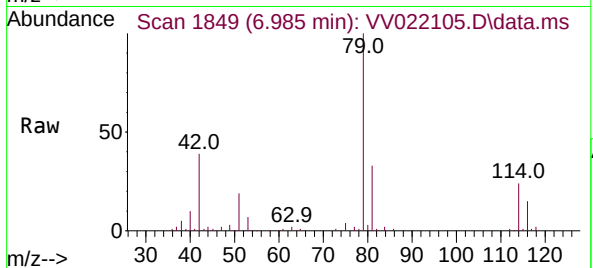


#39

cis-1,3-Dichloropropene
Concen: 0.804 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Instrument :
MSVOA_V
ClientSampled :

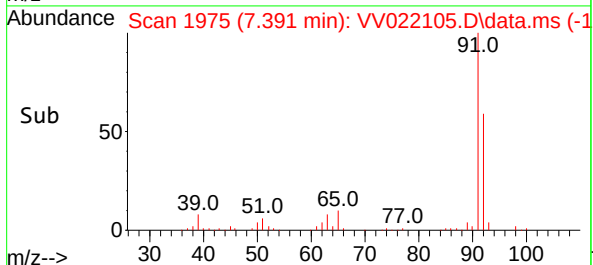
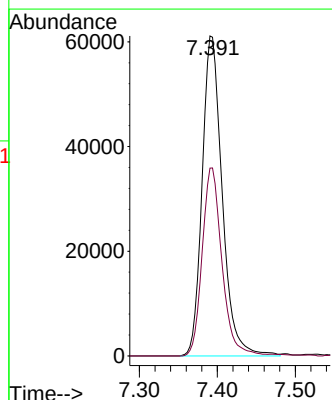
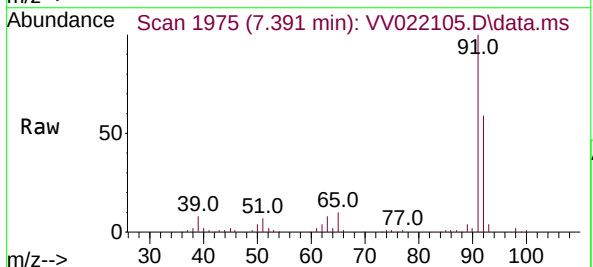
Tgt Ion: 75 Resp: 3111
Ion Ratio Lower Upper
75 100
77 53.5 22.7 42.1#

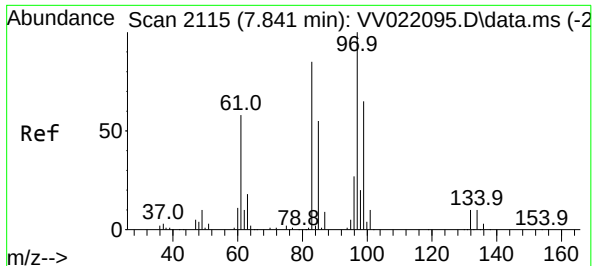


#42

Toluene
Concen: 10.500 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

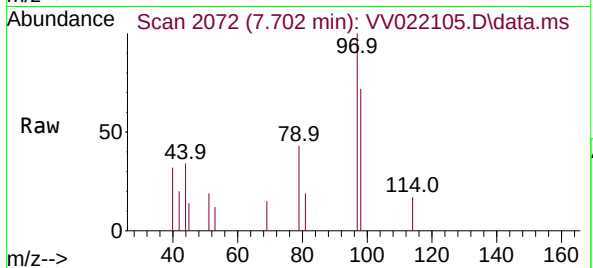
Tgt Ion: 91 Resp: 109531
Ion Ratio Lower Upper
91 100
92 58.7 40.3 74.8



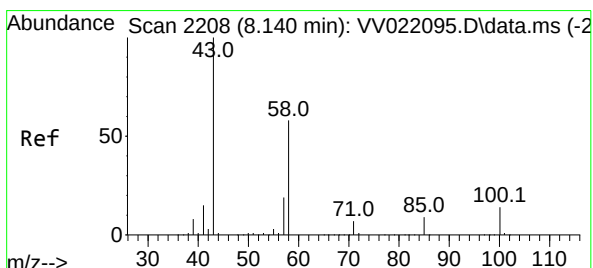
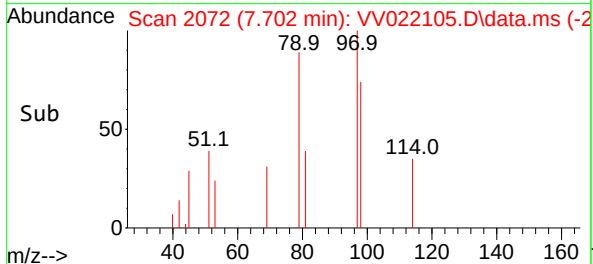
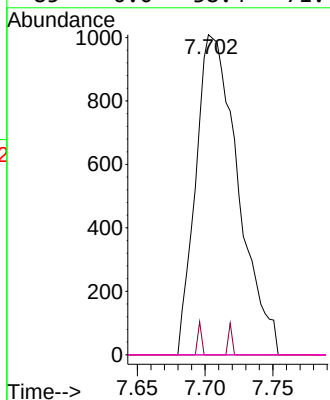


#45
1,1,2-Trichloroethane
Concen: 0.859 ug/L
RT: 7.702 min Scan# 2072
Delta R.T. -0.138 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

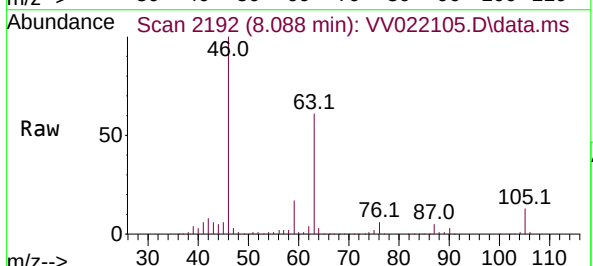
Instrument :
MSVOA_V
ClientSampled :



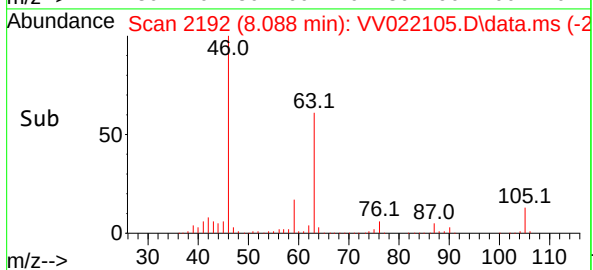
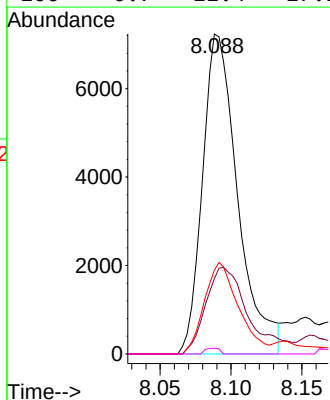
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.4#
83	0.0	58.8	109.2#
85	0.0	38.4	71.4#

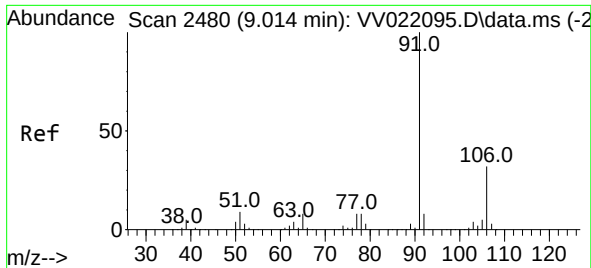


#48
2-Hexanone
Concen: 4.743 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12



Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.2	47.5	71.3#
57	27.8	15.9	23.9#
100	0.7	11.4	17.2#

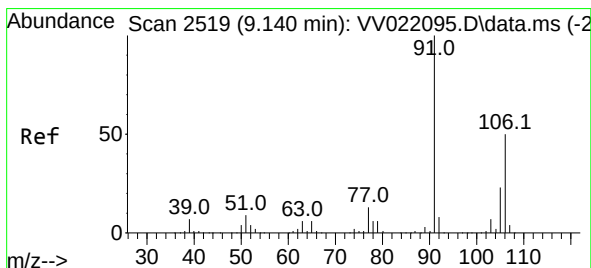
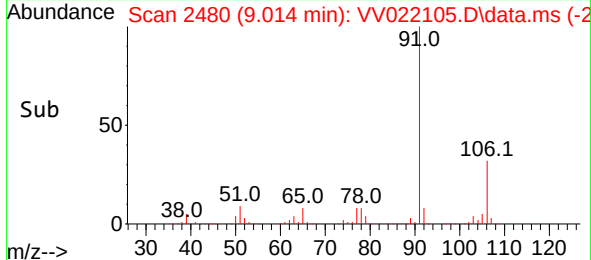
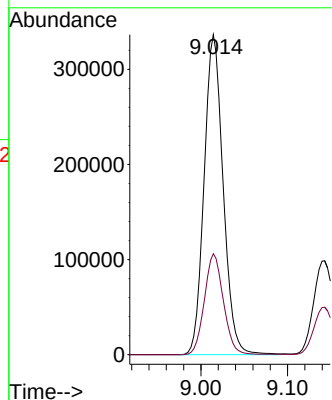
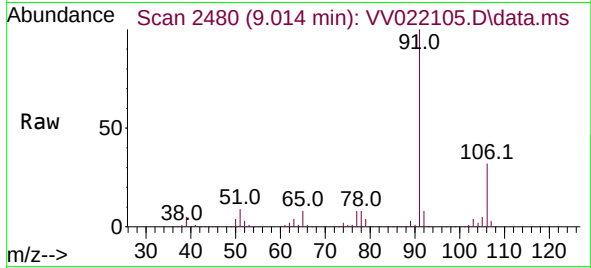




#52
Ethylbenzene
Concen: 45.444 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

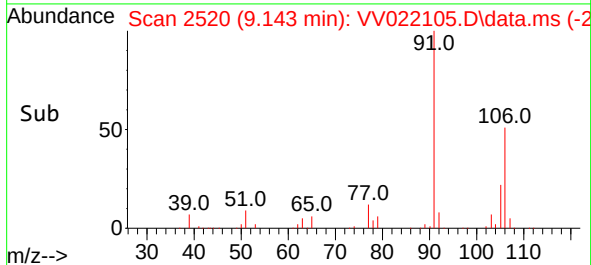
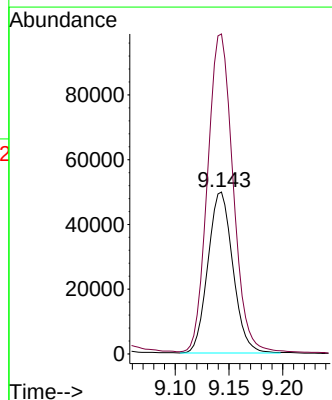
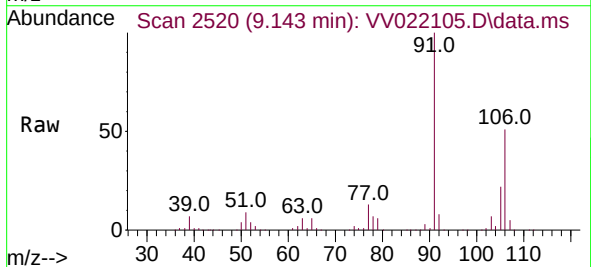
Instrument :
MSVOA_V
ClientSampled :

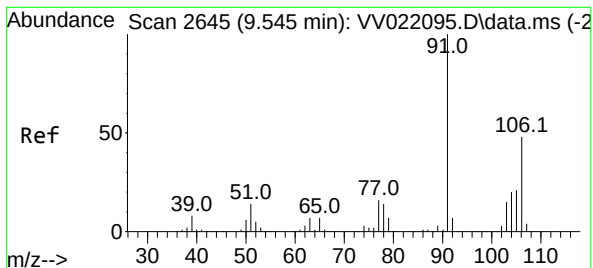
Tgt Ion: 91 Resp: 513156
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 18.228 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Tgt Ion: 106 Resp: 80005
Ion Ratio Lower Upper
106 100
91 197.6 139.1 258.3





#54

o-Xylene

Concen: 24.018 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV022105.D

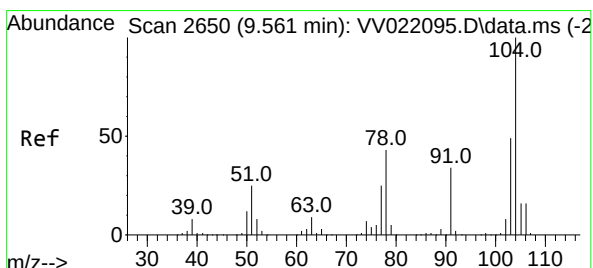
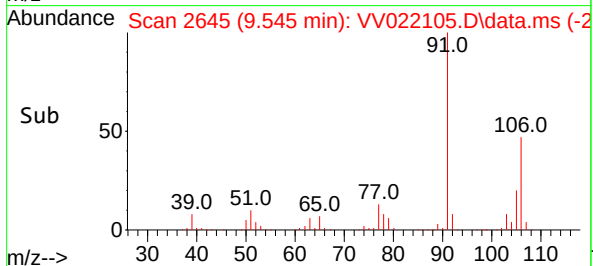
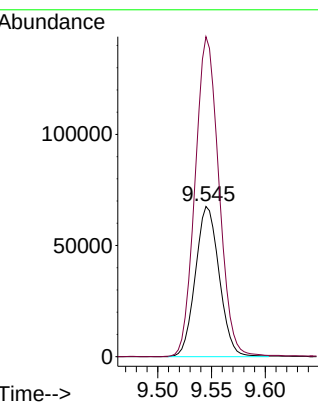
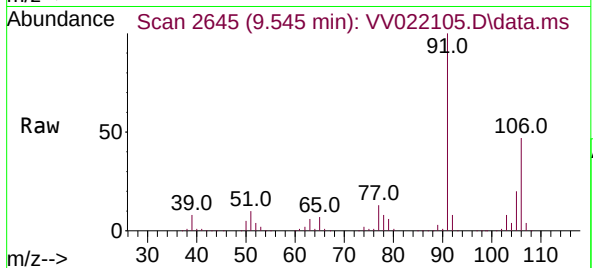
Acq: 07 Sep 2021 16:12

Tgt Ion:106 Resp: 104302

Ion Ratio Lower Upper

106 100

91 213.0 150.1 278.9



#55

Styrene

Concen: 5.726 ug/L

RT: 9.567 min Scan# 2652

Delta R.T. 0.006 min

Lab File: VV022105.D

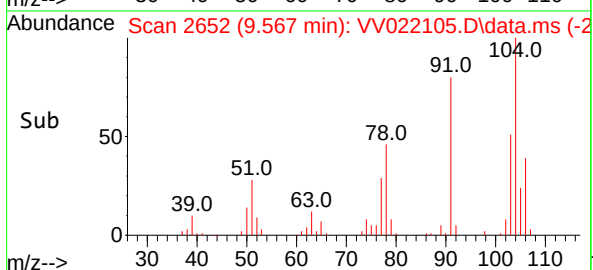
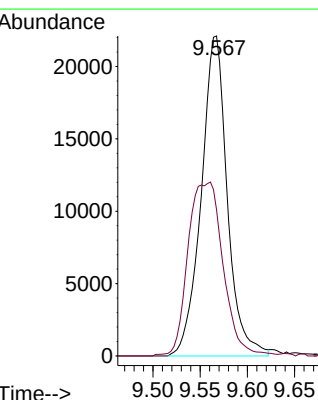
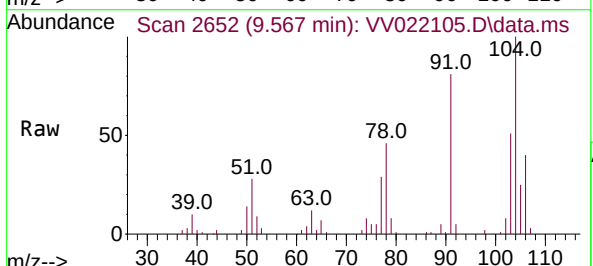
Acq: 07 Sep 2021 16:12

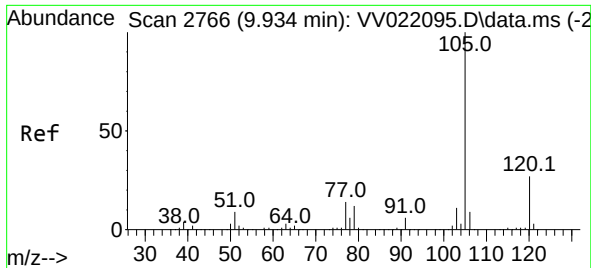
Tgt Ion:104 Resp: 42438

Ion Ratio Lower Upper

104 100

78 45.8 28.6 53.2

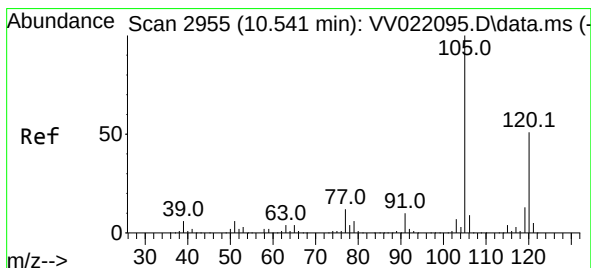
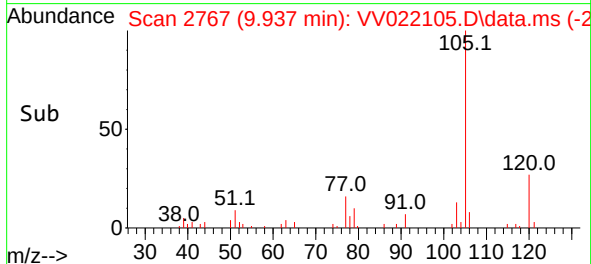
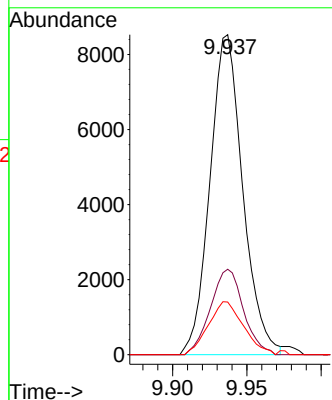
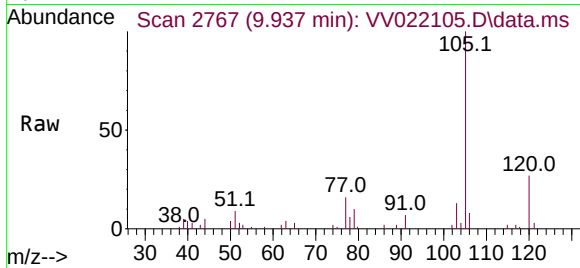




#60
Isopropylbenzene
Concen: 1.148 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

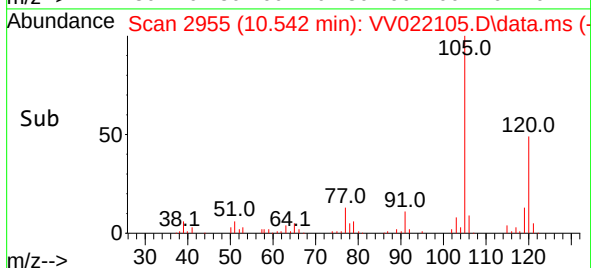
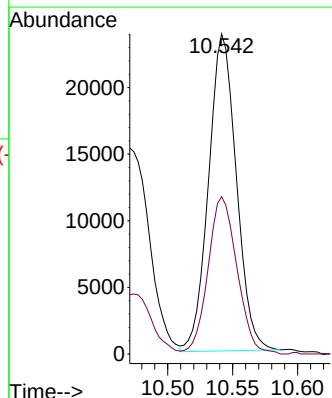
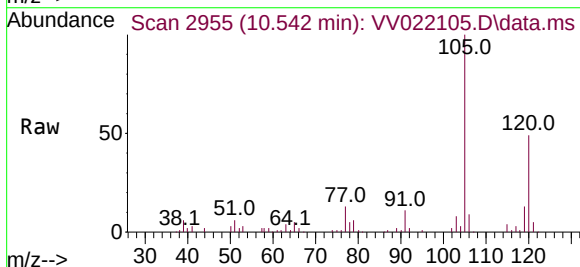
Instrument :
MSVOA_V
ClientSampled :

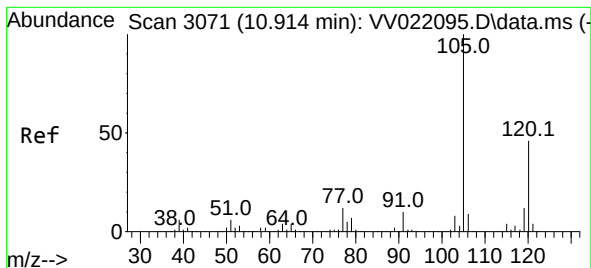
Tgt Ion:105 Resp: 13112
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 17.7 11.8 17.6#



#62
1,3,5-Trimethylbenzene
Concen: 3.690 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Tgt Ion:105 Resp: 35386
Ion Ratio Lower Upper
105 100
120 51.8 39.6 59.4

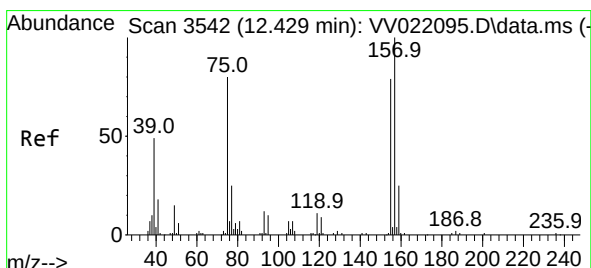
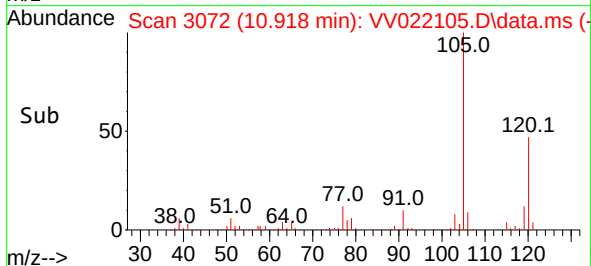
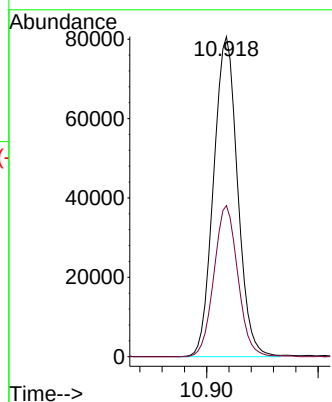
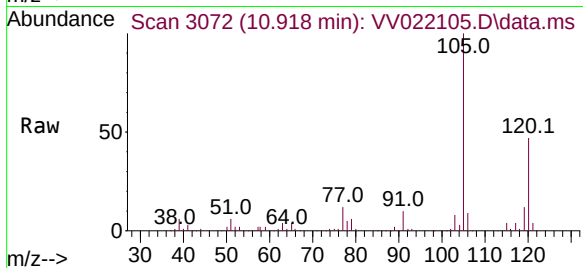




#63
1,2,4-Trimethylbenzene
Concen: 12.389 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

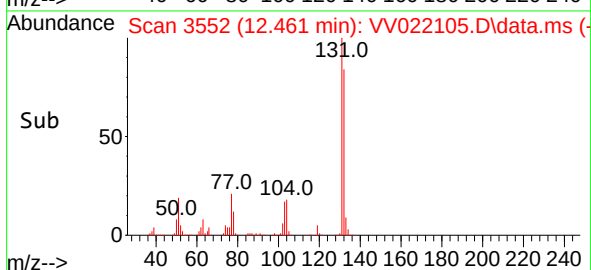
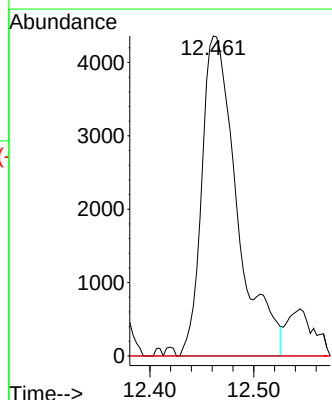
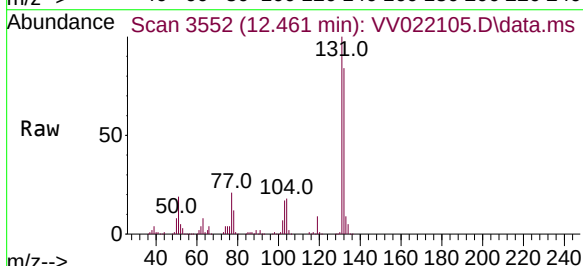
Instrument :
MSVOA_V
ClientSampled :

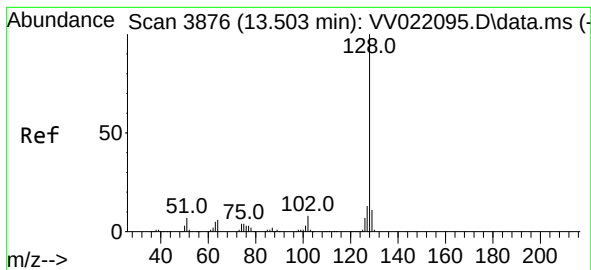
Tgt Ion:105 Resp: 120767
Ion Ratio Lower Upper
105 100
120 46.9 37.4 56.0



#68
1,2-Dibromo-3-chloropropane
Concen: 13.573 ug/L
RT: 12.461 min Scan# 3552
Delta R.T. 0.032 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

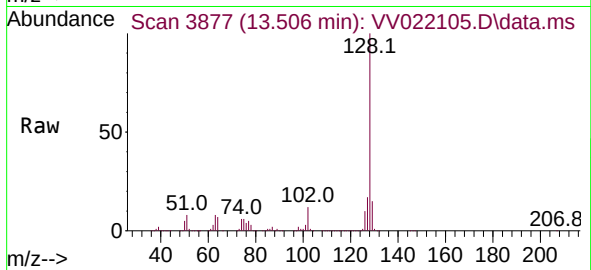
Tgt Ion: 75 Resp: 10307
Ion Ratio Lower Upper
75 100
155 0.0 79.8 119.6#
157 0.0 98.3 147.5#





#71
Naphthalene
Concen: 1404.061 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022105.D
Acq: 07 Sep 2021 16:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp:15409288

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.1	15.1#
129	13.3	8.7	13.1#

