

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021886.D
 Acq On : 19 Aug 2021 13:12
 Operator : SY/MD
 Sample : M3422-08DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKA9DL

Quant Time: Aug 20 02:17:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

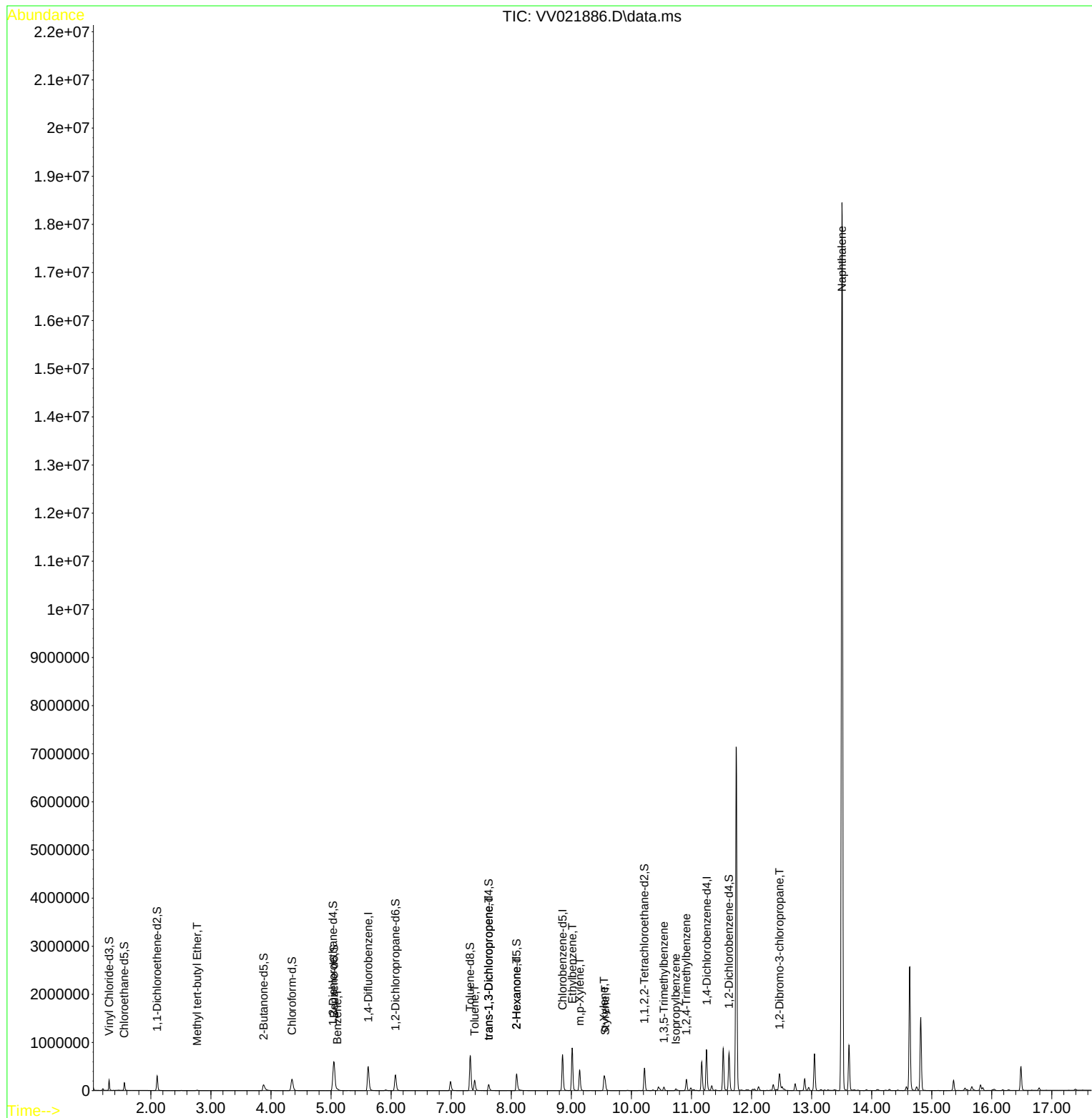
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	462003	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	432802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	231531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136346	37.750	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.500%		
7) Chloroethane-d5	1.558	69	109336	40.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.240%		
11) 1,1-Dichloroethene-d2	2.105	63	152409	26.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.020%#		
21) 2-Butanone-d5	3.876	46	195596	87.075	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.070%		
24) Chloroform-d	4.349	84	250152	39.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.960%		
26) 1,2-Dichloroethane-d4	5.034	65	153085	42.530	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.060%		
32) Benzene-d6	5.050	84	538650	43.280	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.560%		
36) 1,2-Dichloropropane-d6	6.072	67	167272	43.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.320%		
41) Toluene-d8	7.317	98	494441	42.982	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.960%		
43) trans-1,3-Dichloroprop...	7.625	79	73544	38.556	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.120%		
47) 2-Hexanone-d5	8.088	63	125191	98.554	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.550%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	227129	47.290	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.580%		
66) 1,2-Dichlorobenzene-d4	11.625	152	208767	43.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.140%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	9989	1.014	ug/L	97
33) Benzene	5.105	78	31447	2.361	ug/L	100
42) Toluene	7.391	91	162179	11.401	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	2990	0.594	ug/L	86
48) 2-Hexanone	8.088	43	13193	3.671	ug/L #	70
52) Ethylbenzene	9.014	91	639402	42.133	ug/L	100
53) m,p-Xylene	9.140	106	122559	20.838	ug/L	99
54) o-Xylene	9.545	106	73265	12.567	ug/L	97
55) Styrene	9.564	104	91122	9.334	ug/L	98
60) Isopropylbenzene	10.741	105	24032	1.548	ug/L	93
62) 1,3,5-Trimethylbenzene	10.542	105	40897	3.140	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	128761	9.722	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.464	75	7460	7.171	ug/L #	1
71) Naphthalene	13.506	128	14156486	1066.430	ug/L	95

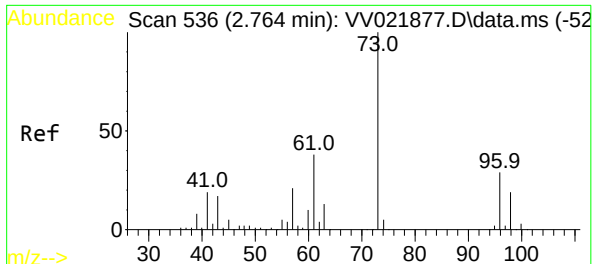
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 20 02:14:47 2021
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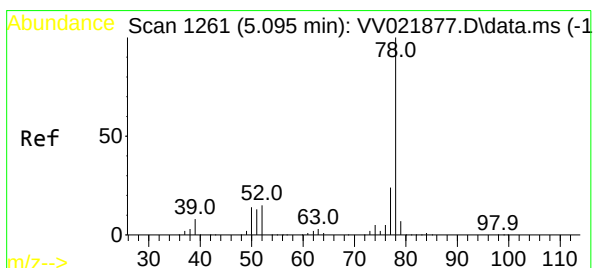
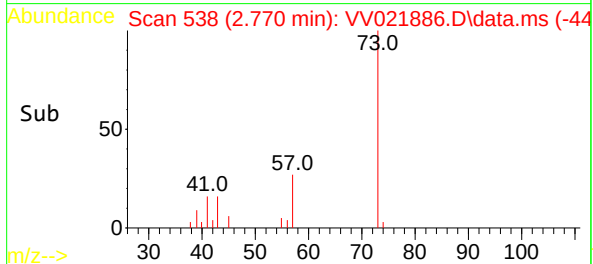
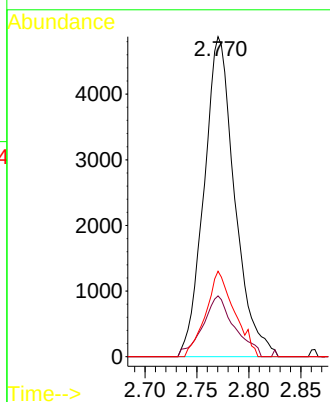
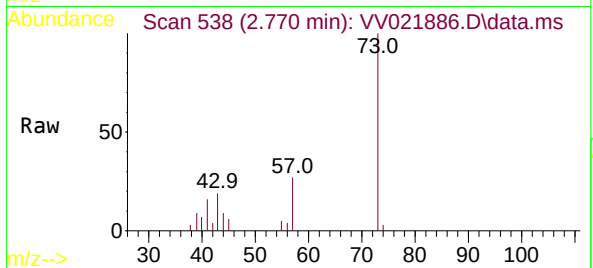




#18
Methyl tert-butyl Ether
Concen: 1.014 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.007 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

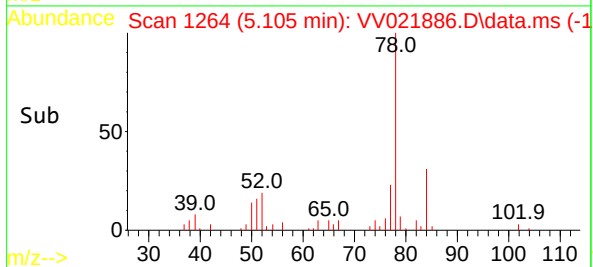
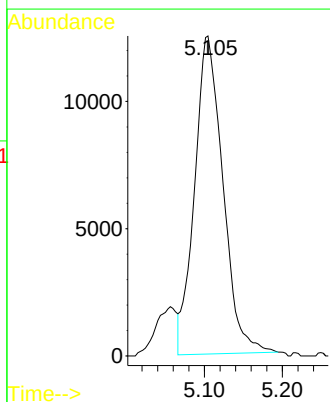
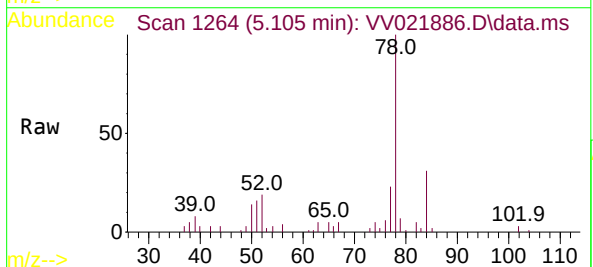
Instrument :
MSVOA_V
ClientSampleId :
DBKA9DL

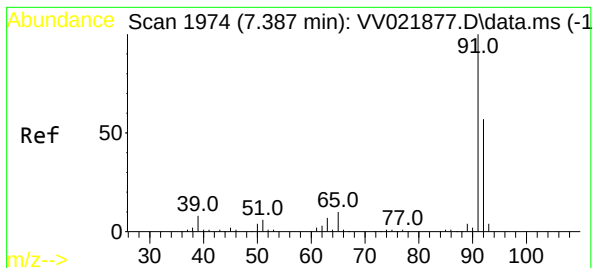
Tgt Ion: 73 Resp: 9989
Ion Ratio Lower Upper
73 100
43 19.2 14.2 21.4
57 23.6 17.7 26.5



#33
Benzene
Concen: 2.361 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion: 78 Resp: 31447





#42

Toluene

Concen: 11.401 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021886.D

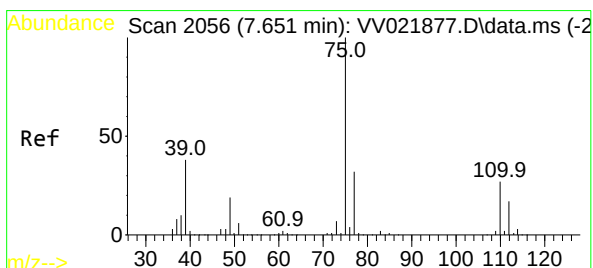
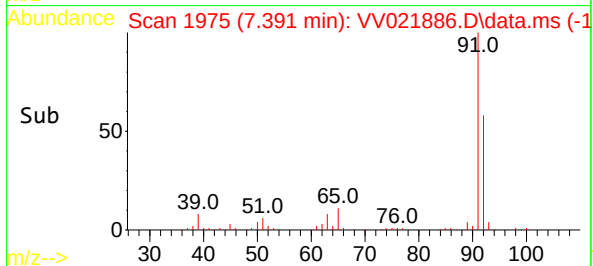
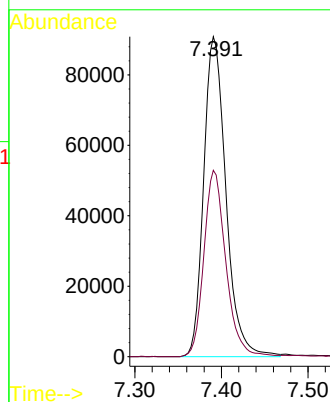
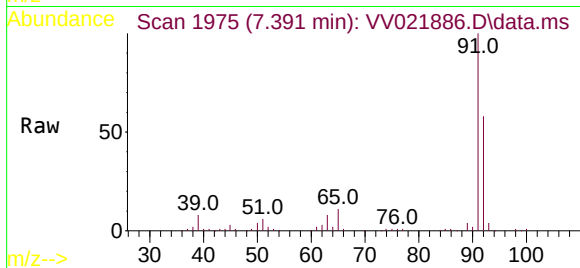
Acq: 19 Aug 2021 13:12

Tgt Ion: 91 Resp: 162179

Ion Ratio Lower Upper

91 100

92 58.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 0.594 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV021886.D

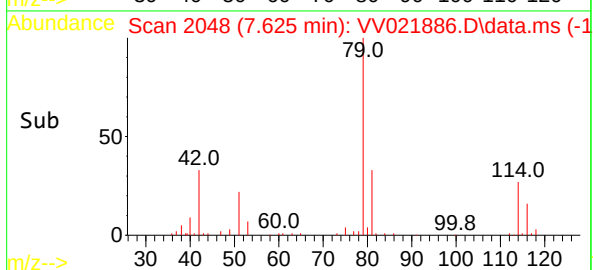
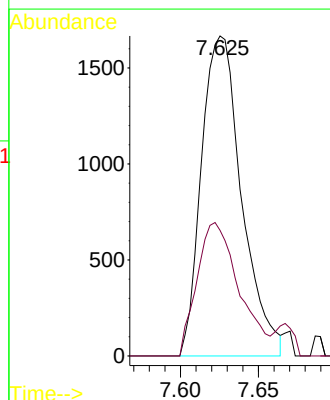
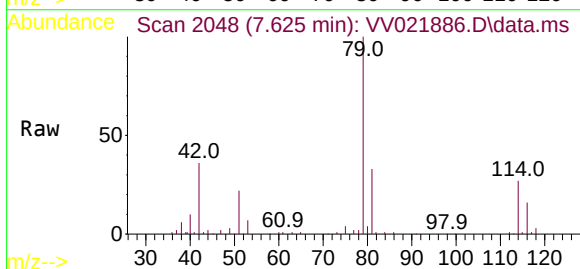
Acq: 19 Aug 2021 13:12

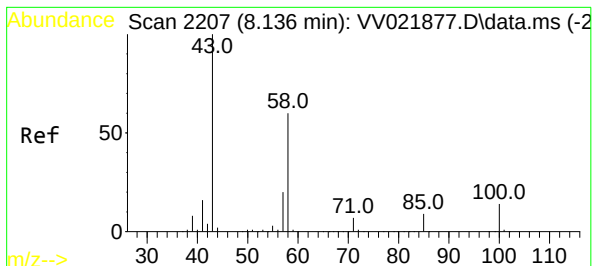
Tgt Ion: 75 Resp: 2990

Ion Ratio Lower Upper

75 100

77 39.2 22.2 41.2





#48

2-Hexanone

Concen: 3.671 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.048 min

Lab File: VV021886.D

Acq: 19 Aug 2021 13:12

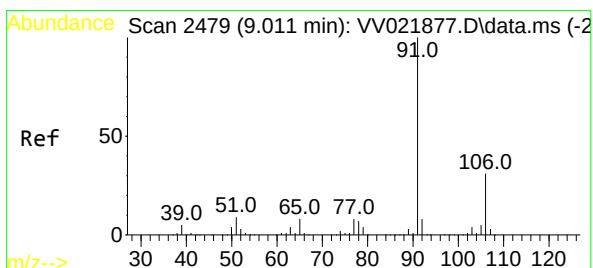
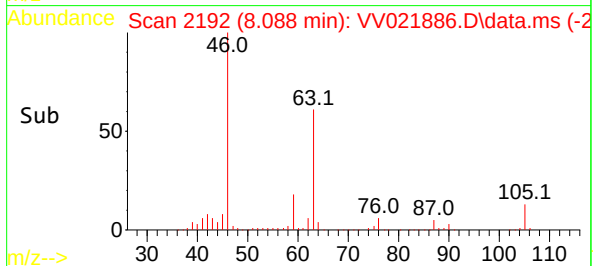
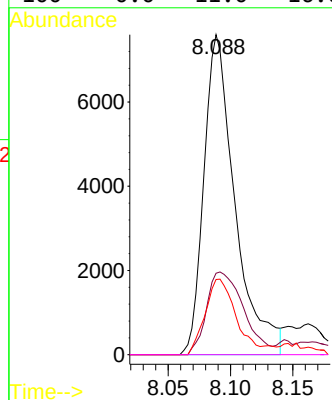
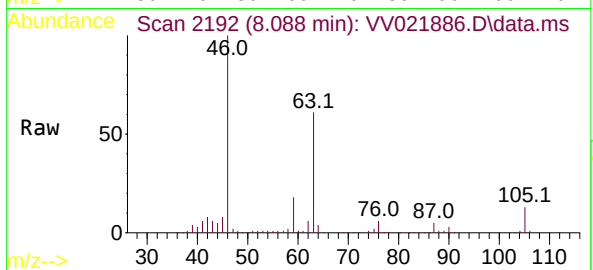
Instrument :

MSVOA_V

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Tgt Ion: 43	Resp: 13193
Ion Ratio	Lower Upper
43 100	
58 30.7	45.4 68.2#
57 23.3	15.3 22.9#
100 0.0	11.0 16.6#



#52

Ethylbenzene

Concen: 42.133 ug/L

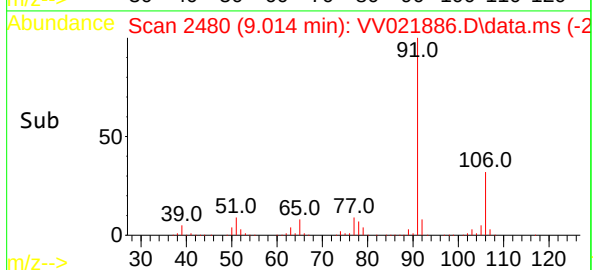
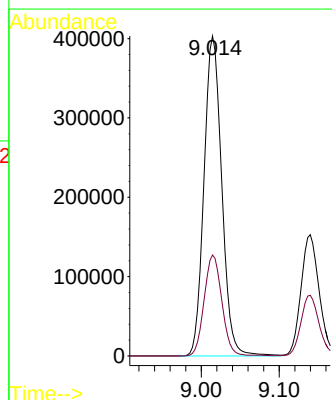
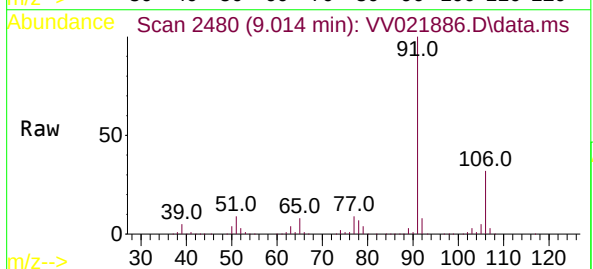
RT: 9.014 min Scan# 2480

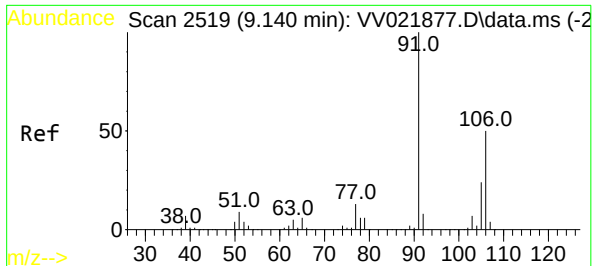
Delta R.T. 0.003 min

Lab File: VV021886.D

Acq: 19 Aug 2021 13:12

Tgt Ion: 91	Resp: 639402
Ion Ratio	Lower Upper
91 100	
106 31.5	22.2 41.2

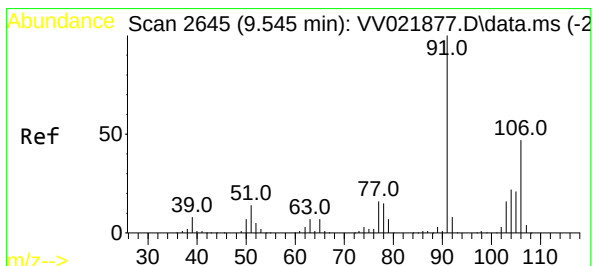
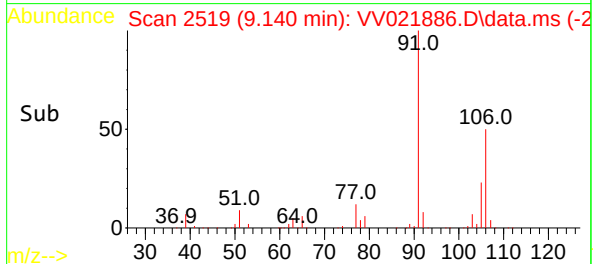
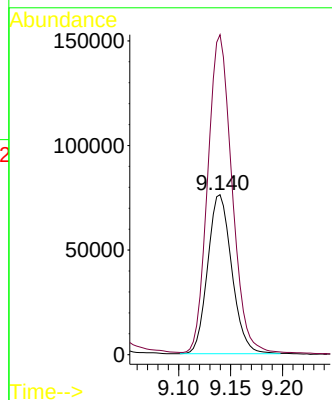
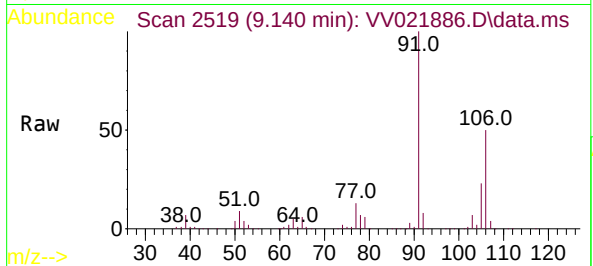




#53
m,p-Xylene
Concen: 20.838 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

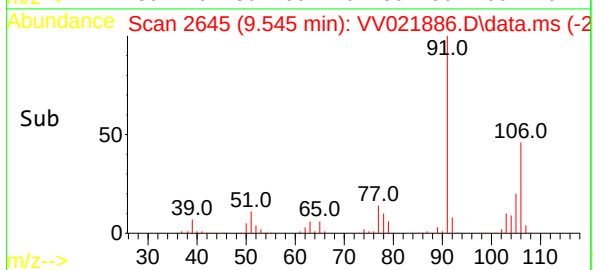
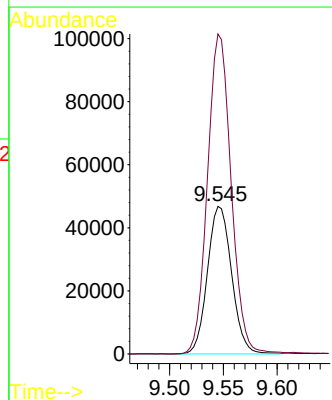
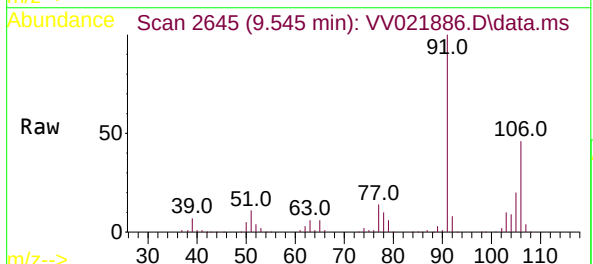
Instrument :
MSVOA_V
ClientSampled :
DBKA9DL

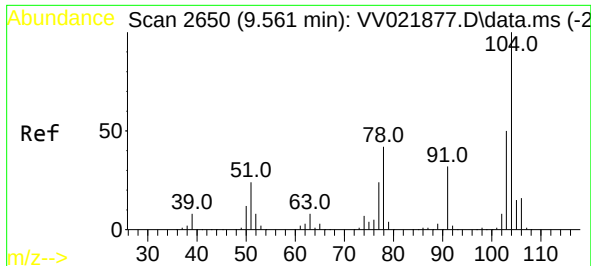
Tgt Ion:106 Resp: 122559
Ion Ratio Lower Upper
106 100
91 199.9 139.2 258.6



#54
o-Xylene
Concen: 12.567 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion:106 Resp: 73265
Ion Ratio Lower Upper
106 100
91 216.9 148.1 275.0

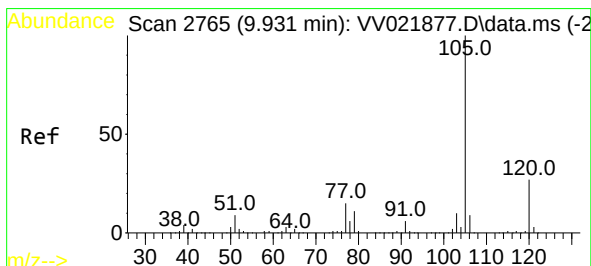
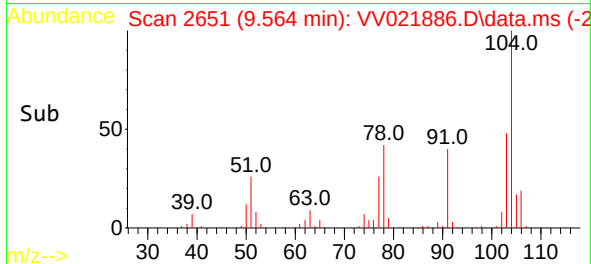
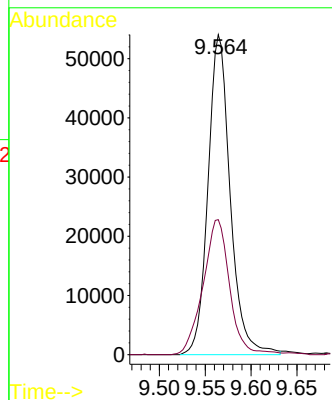
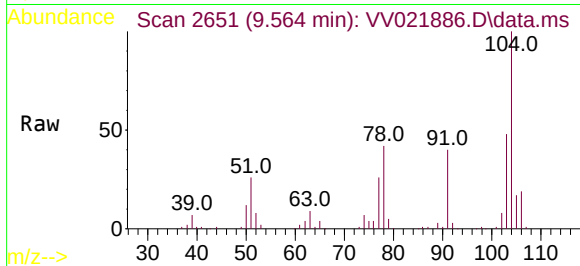




#55
Styrene
Concen: 9.334 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

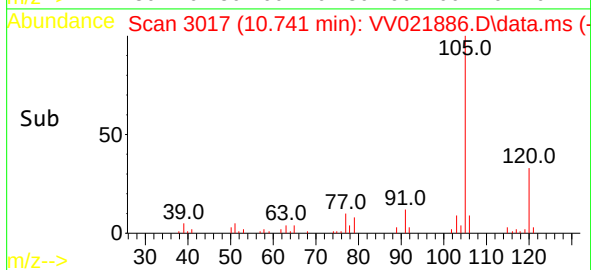
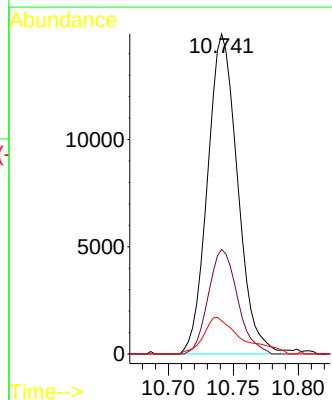
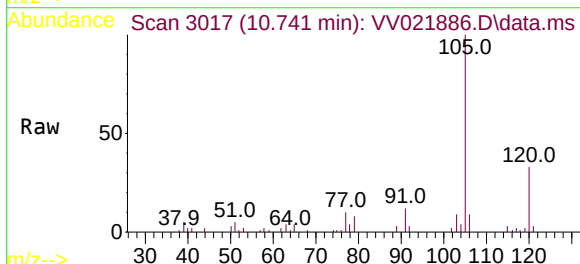
Instrument :
MSVOA_V
ClientSampled :
DBKA9DL

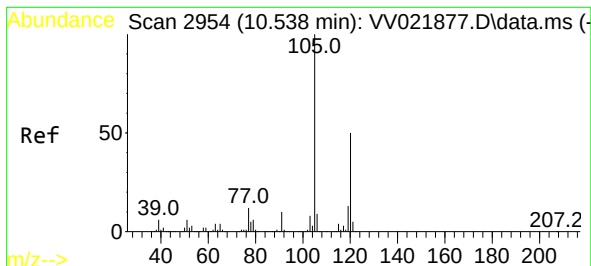
Tgt Ion:104 Resp: 91122
Ion Ratio Lower Upper
104 100
78 42.2 30.2 56.2



#60
Isopropylbenzene
Concen: 1.548 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.810 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion:105 Resp: 24032
Ion Ratio Lower Upper
105 100
120 31.7 21.3 31.9
77 14.3 11.8 17.8

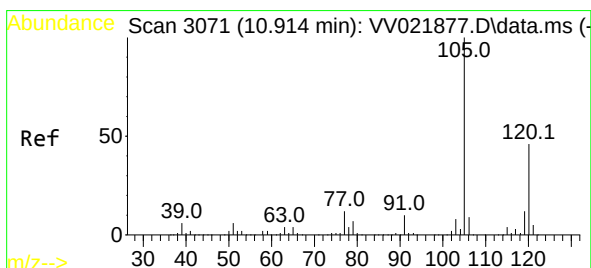
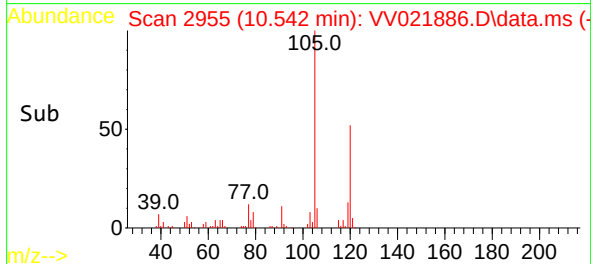
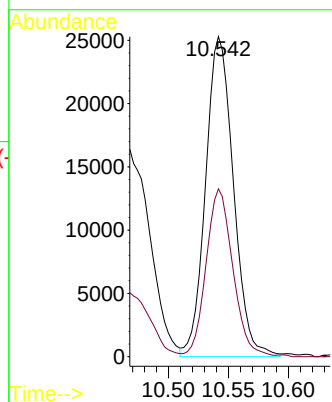
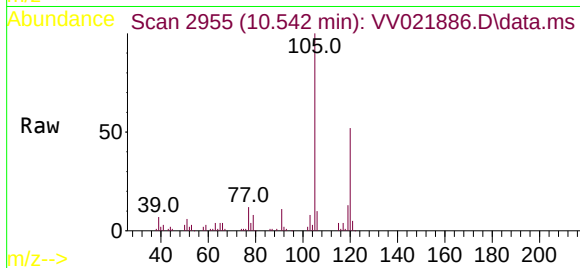




#62
1,3,5-Trimethylbenzene
Concen: 3.140 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

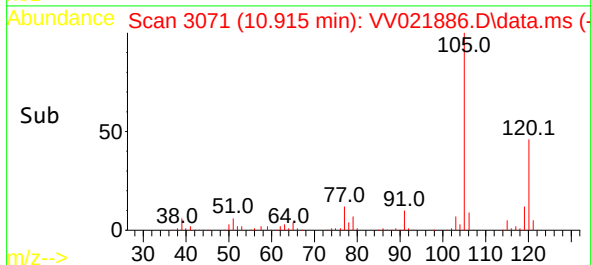
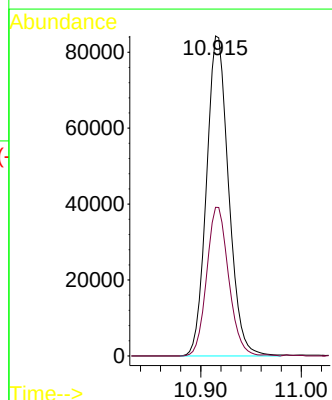
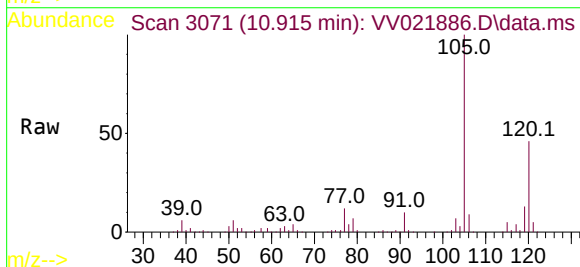
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MSVOA_V
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DBKA9DL

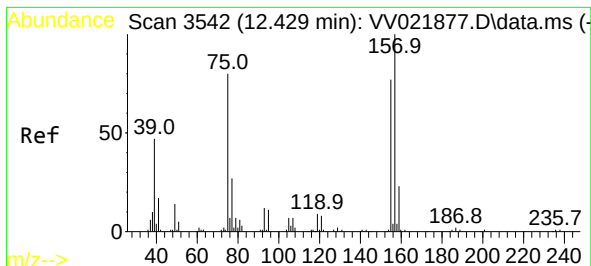
Tgt Ion:105 Resp: 40897
Ion Ratio Lower Upper
105 100
120 50.4 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 9.722 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021886.D
Acq: 19 Aug 2021 13:12

Tgt Ion:105 Resp: 128761
Ion Ratio Lower Upper
105 100
120 46.1 37.3 55.9

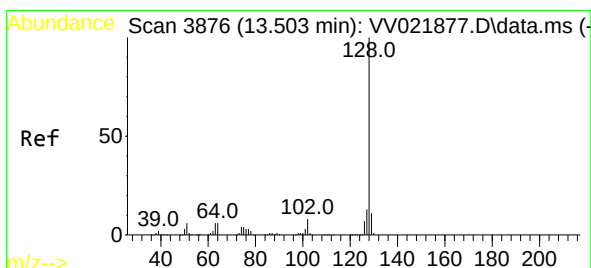
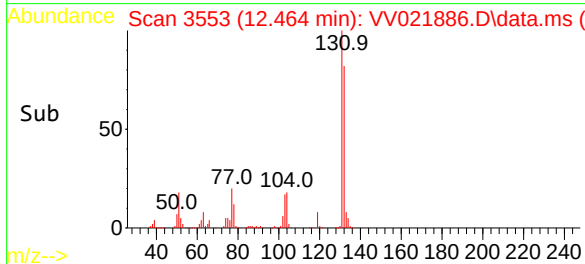
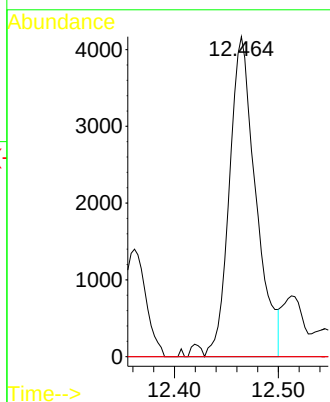
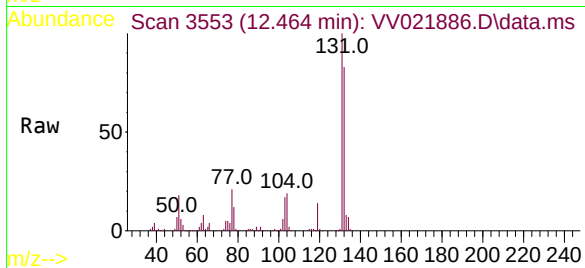




#68
 1,2-Dibromo-3-chloropropane
 Concen: 7.171 ug/L
 RT: 12.464 min Scan# 3553
 Delta R.T. 0.036 min
 Lab File: VV021886.D
 Acq: 19 Aug 2021 13:12

Instrument :
 MSVOA_V
 ClientSampleID :
 DBKA9DL

Tgt Ion: 75 Resp: 7460
 Ion Ratio Lower Upper
 75 100
 155 0.0 77.8 116.8#
 157 0.0 99.4 149.0#



#71
 Naphthalene
 Concen: 1066.430 ug/L
 RT: 13.506 min Scan# 3877
 Delta R.T. 0.003 min
 Lab File: VV021886.D
 Acq: 19 Aug 2021 13:12

Tgt Ion: 128 Resp: 14156486
 Ion Ratio Lower Upper
 128 100
 127 14.6 10.0 15.0
 129 12.5 8.5 12.7

