

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081921\
 Data File : VW021880.D
 Acq On : 19 Aug 2021 10:48
 Operator : SY/MD
 Sample : M3422-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKA9

Quant Time: Aug 20 02:15:57 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)

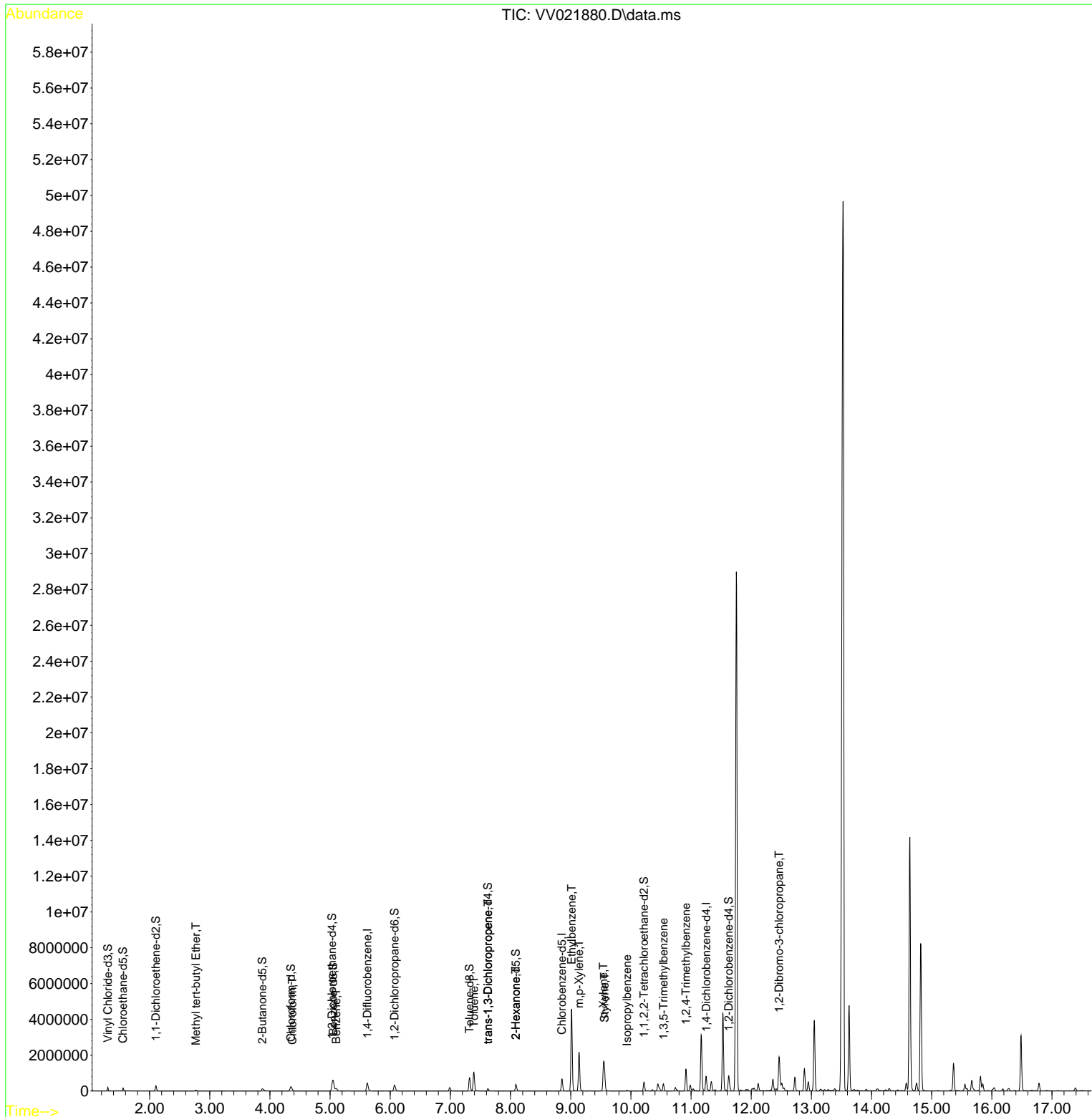
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	413269	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	390496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	218873	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133530	41.331	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery =	82.660%		
7) Chloroethane-d5	1.558	69	107399	44.051	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery =	88.100%		
11) 1,1-Dichloroethene-d2	2.105	63	151918	29.540	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	59.080%#		
21) 2-Butanone-d5	3.873	46	197108	98.095	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery =	98.100%		
24) Chloroform-d	4.349	84	256755	45.870	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	91.740%		
26) 1,2-Dichloroethane-d4	5.034	65	159893	49.660	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	99.320%		
32) Benzene-d6	5.050	84	544454	48.485	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	96.980%		
36) 1,2-Dichloropropane-d6	6.072	67	168727	48.250	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery =	96.500%		
41) Toluene-d8	7.317	98	513278	49.453	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	98.900%		
43) trans-1,3-Dichloroprop...	7.622	79	78613	45.679	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	91.360%		
47) 2-Hexanone-d5	8.088	63	137916	120.334	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery =	120.330%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240676	55.539	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery =	111.080%		
66) 1,2-Dichlorobenzene-d4	11.625	152	220223	48.618	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	97.240%		
Target Compounds						
						Qvalue
18) Methyl tert-butyl Ether	2.770	73	49041	5.563	ug/L	99
25) Chloroform	4.371	83	2480	0.452	ug/L #	52
33) Benzene	5.101	78	150044	12.486	ug/L	100
42) Toluene	7.391	91	777880	60.609	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	3393	0.747	ug/L #	81
48) 2-Hexanone	8.088	43	13300	4.102	ug/L #	66
52) Ethylbenzene	9.014	91	3172924	231.731	ug/L	100
53) m,p-Xylene	9.140	106	627075	118.170	ug/L	100
54) o-Xylene	9.545	106	366467	69.669	ug/L	99
55) Styrene	9.561	104	476935	54.146	ug/L	99
60) Isopropylbenzene	9.937	105	27182	1.852	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	205337	16.675	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	666134	53.204	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.464	75	38022	38.663	ug/L #	1

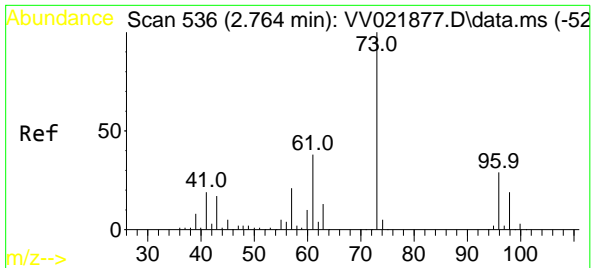
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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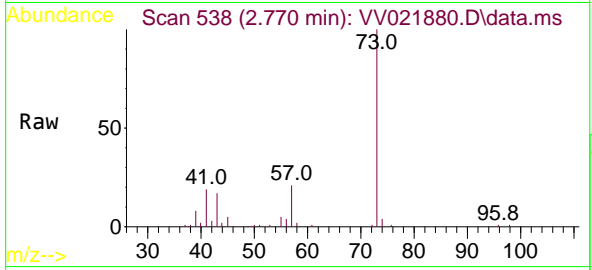
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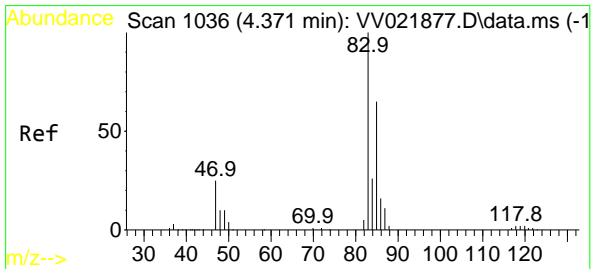
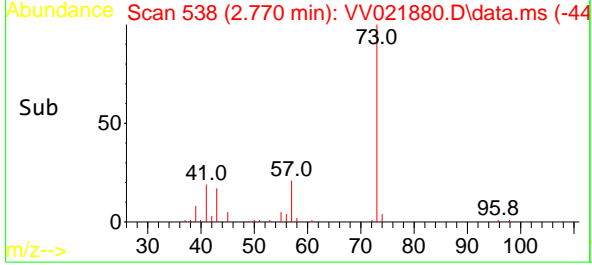
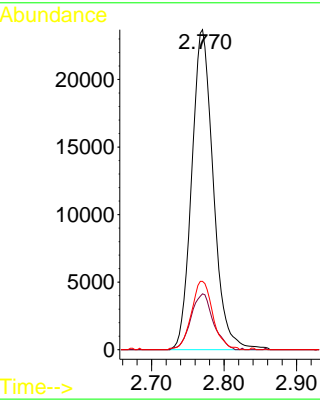
#18
 Methyl tert-butyl Ether
 Concen: 5.563 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.007 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

Instrument : MSVOA_V
 ClientSampled : DBKA9



Tgt Ion: 73 Resp: 49041

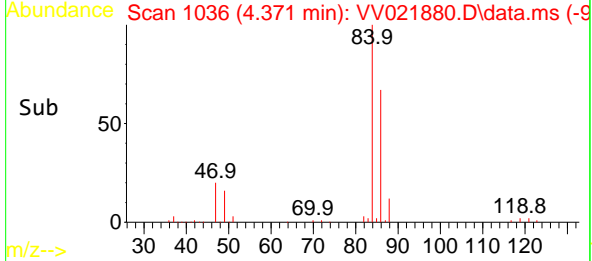
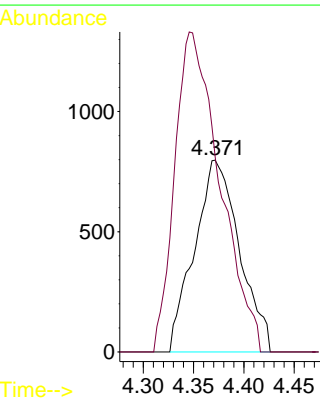
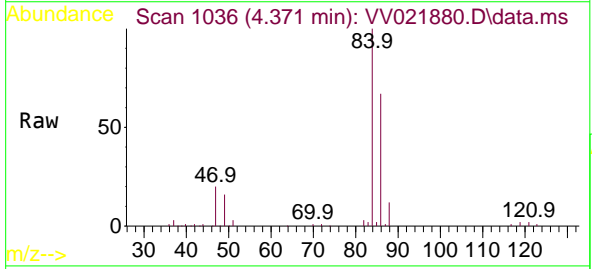
Ion	Ratio	Lower	Upper
73	100		
43	18.1	14.2	21.4
57	21.1	17.7	26.5

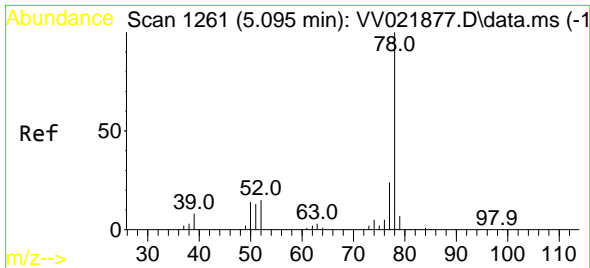


#25
 Chloroform
 Concen: 0.452 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

Tgt Ion: 83 Resp: 2480

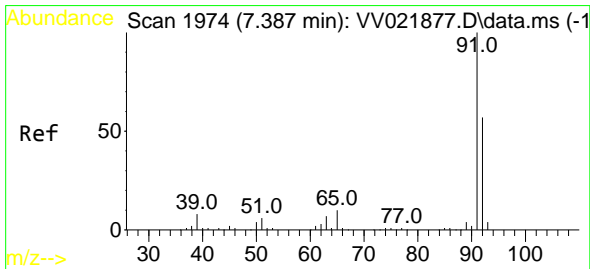
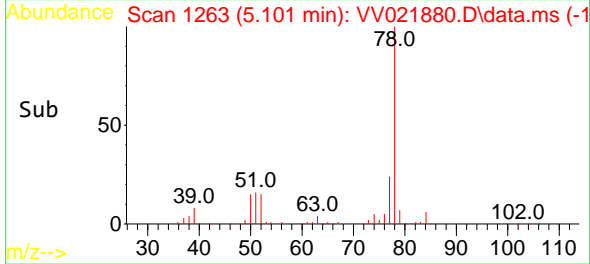
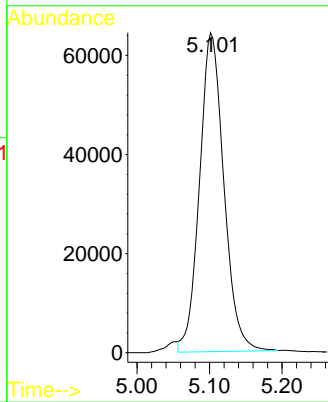
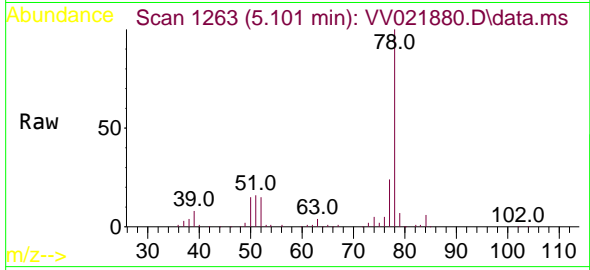
Ion	Ratio	Lower	Upper
83	100		
85	101.8	44.8	83.2#



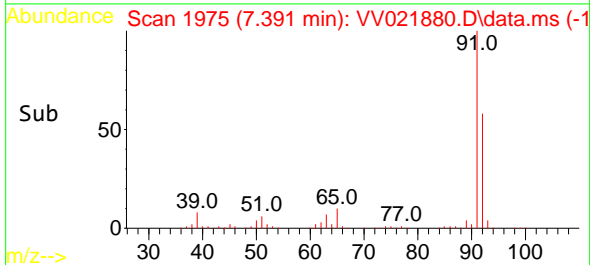
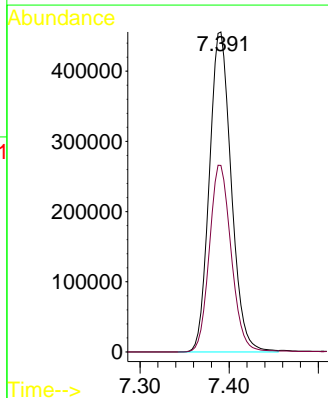
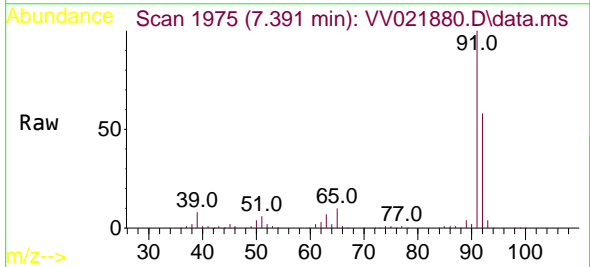


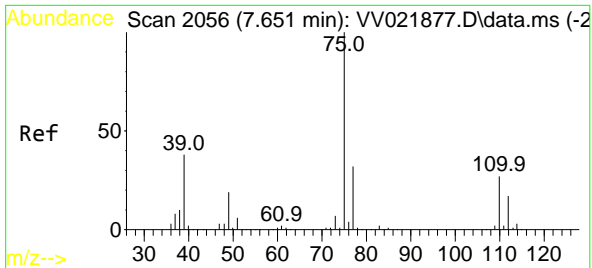
#33
Benzene
Concen: 12.486 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48
Tgt Ion: 78 Resp: 150044

Instrument :
MSVOA_V
ClientSampled :
DBKA9



#42
Toluene
Concen: 60.609 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021880.D
Acq: 19 Aug 2021 10:48
Tgt Ion: 91 Resp: 777880
Ion Ratio Lower Upper
91 100
92 58.3 40.1 74.5

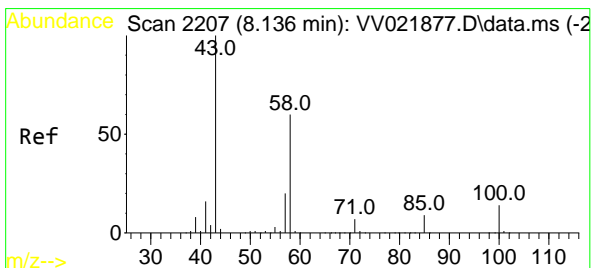
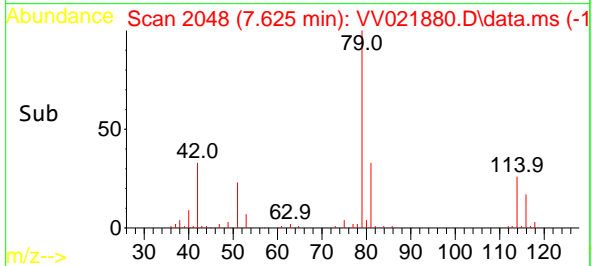
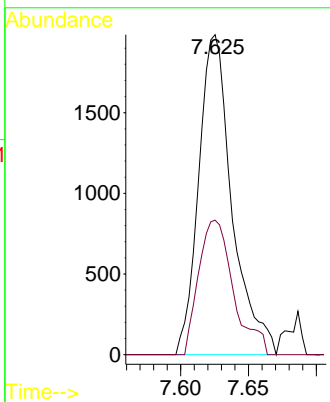
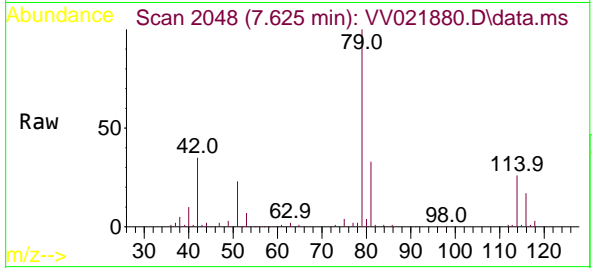




#44
 trans-1,3-Dichloropropene
 Concen: 0.747 ug/L
 RT: 7.625 min Scan# 2048
 Delta R.T. -0.026 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

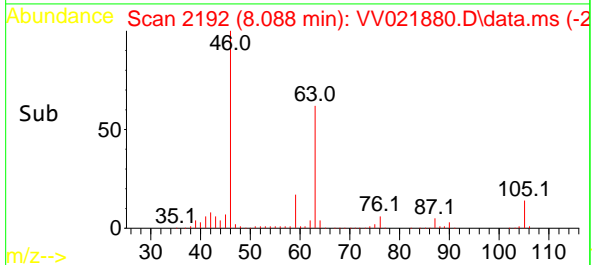
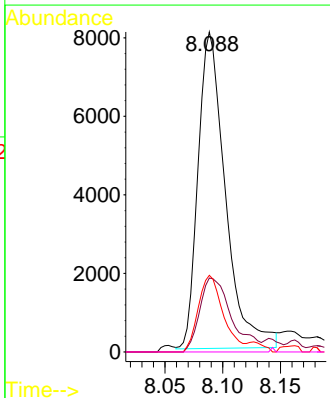
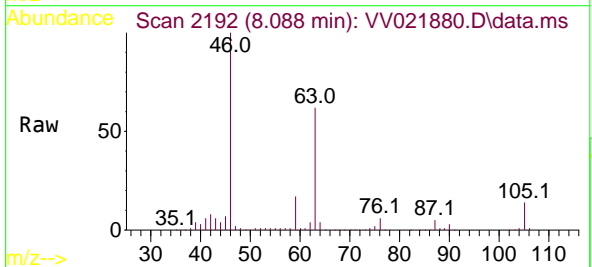
Instrument :
 MSVOA_V
 ClientSampled :
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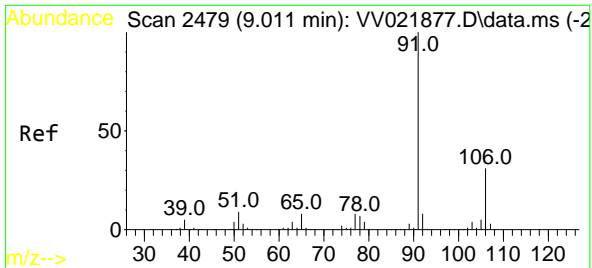
Tgt Ion: 75 Resp: 3393
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.2 41.2#



#48
 2-Hexanone
 Concen: 4.102 ug/L
 RT: 8.088 min Scan# 2192
 Delta R.T. -0.048 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

Tgt Ion: 43 Resp: 13300
 Ion Ratio Lower Upper
 43 100
 58 25.3 45.4 68.2#
 57 22.2 15.3 22.9
 100 0.0 11.0 16.6#

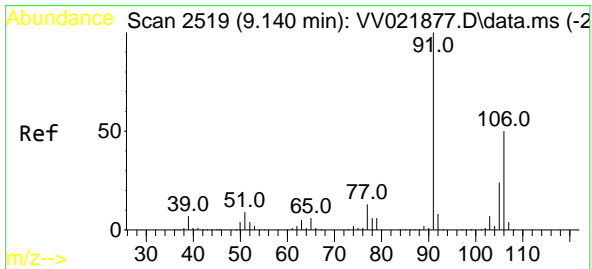
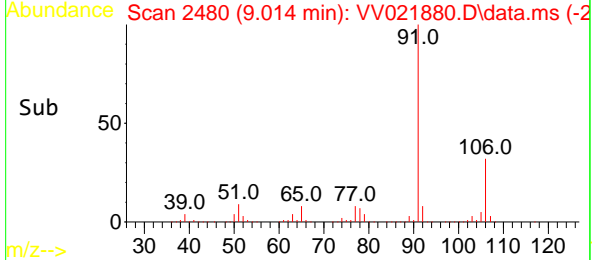
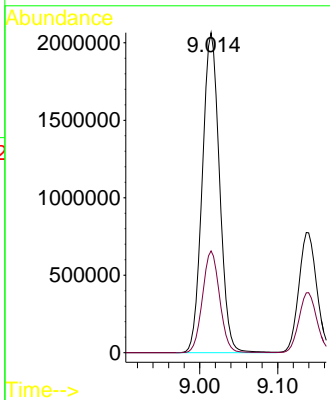
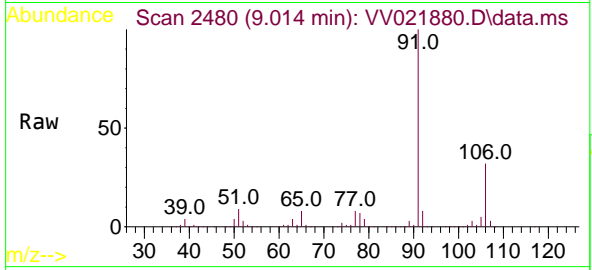




#52
 Ethylbenzene
 Concen: 231.731 ug/L
 RT: 9.014 min Scan# 2480
 Delta R.T. 0.003 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

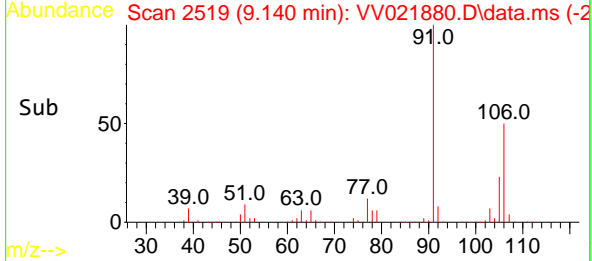
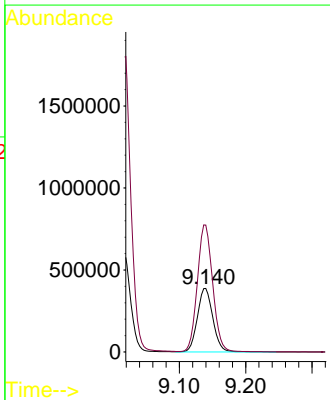
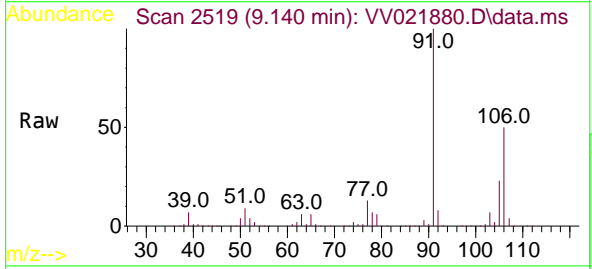
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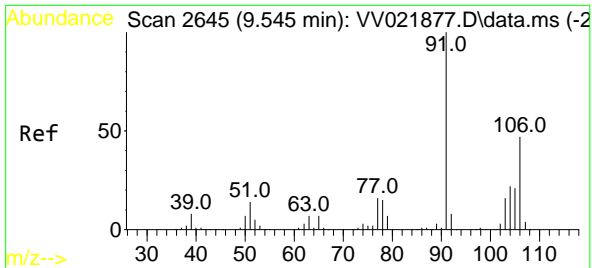
Tgt Ion: 91 Resp: 3172924
 Ion Ratio Lower Upper
 91 100
 106 31.8 22.2 41.2



#53
 m,p-Xylene
 Concen: 118.170 ug/L
 RT: 9.140 min Scan# 2519
 Delta R.T. 0.000 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

Tgt Ion:106 Resp: 627075
 Ion Ratio Lower Upper
 106 100
 91 199.7 139.2 258.6

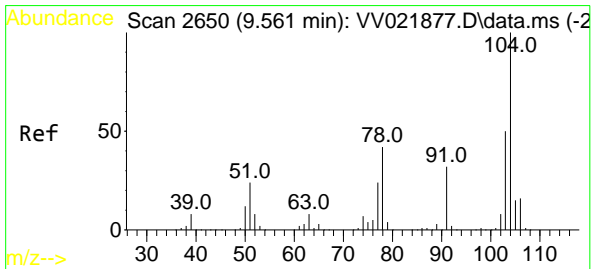
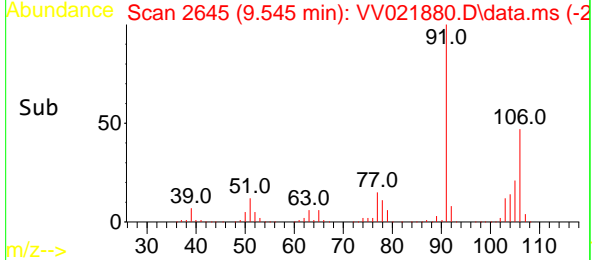
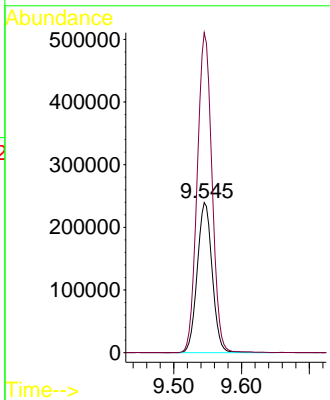
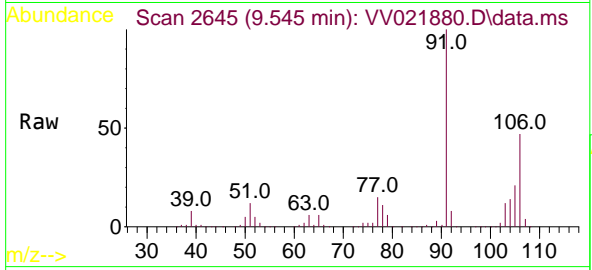




#54
 o-Xylene
 Concen: 69.669 ug/L
 RT: 9.545 min Scan# 2645
 Delta R.T. 0.000 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

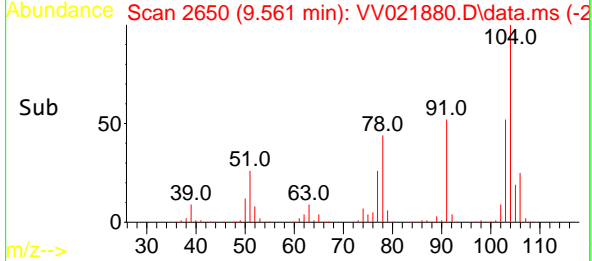
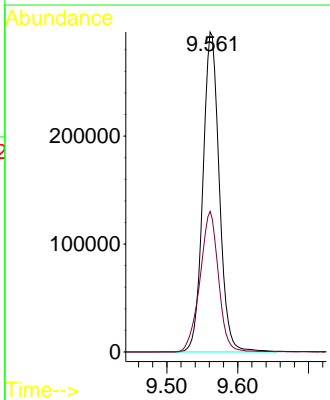
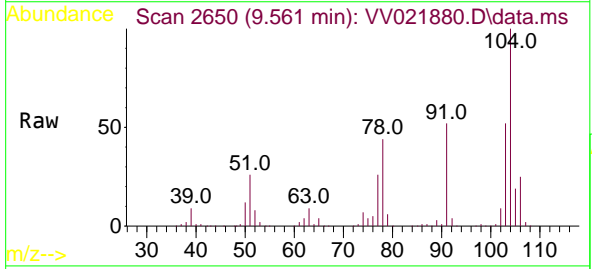
Instrument :
 MSVOA_V
ClientSampled :
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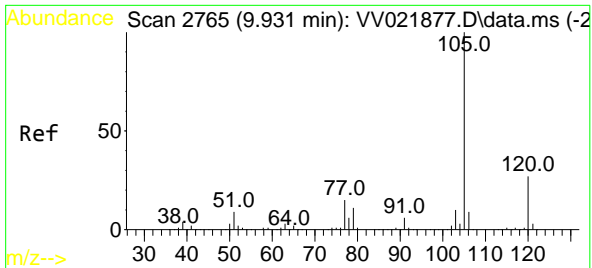
Tgt Ion:106 Resp: 366467
 Ion Ratio Lower Upper
 106 100
 91 213.3 148.1 275.0



#55
 Styrene
 Concen: 54.146 ug/L
 RT: 9.561 min Scan# 2650
 Delta R.T. 0.000 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

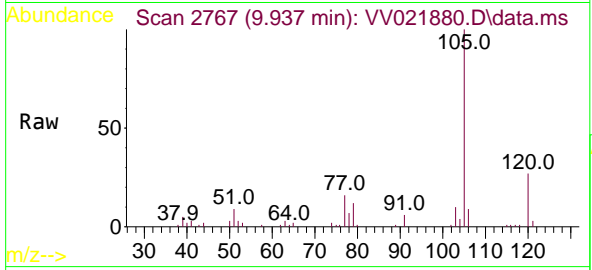
Tgt Ion:104 Resp: 476935
 Ion Ratio Lower Upper
 104 100
 78 43.9 30.2 56.2





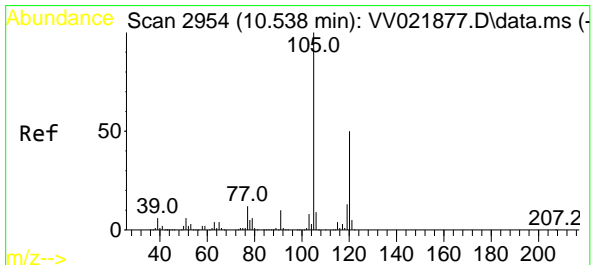
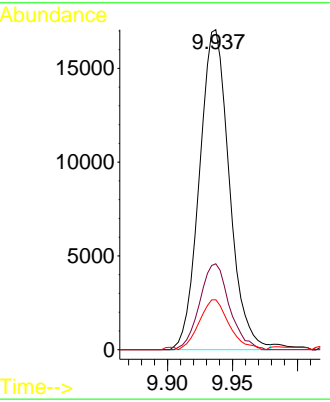
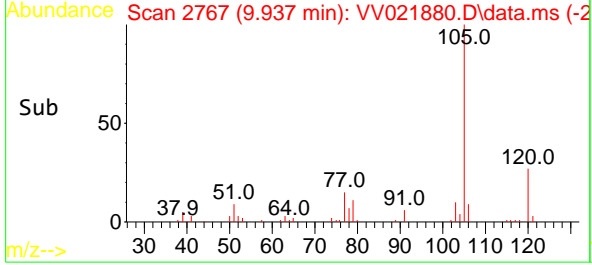
#60
 Isopropylbenzene
 Concen: 1.852 ug/L
 RT: 9.937 min Scan# 2767
 Delta R.T. 0.007 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

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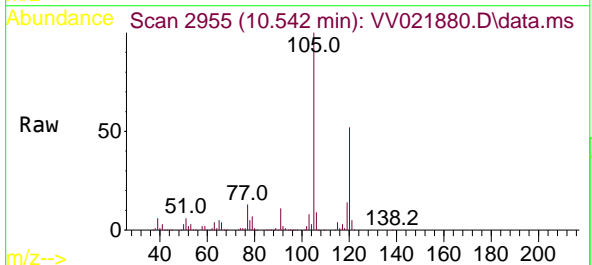


Tgt Ion:105 Resp: 27182

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.3	31.9
77	15.5	11.8	17.8

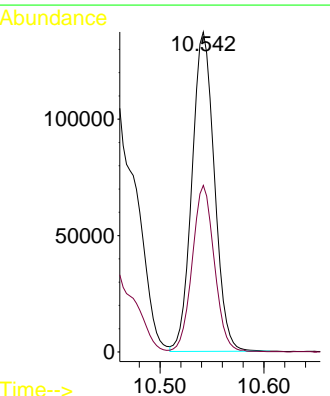
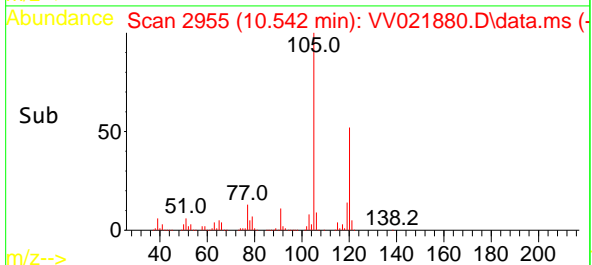


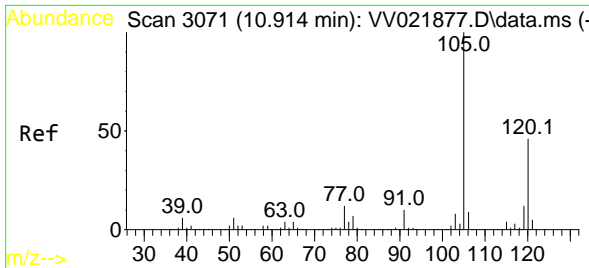
#62
 1,3,5-Trimethylbenzene
 Concen: 16.675 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48



Tgt Ion:105 Resp: 205337

Ion	Ratio	Lower	Upper
105	100		
120	51.4	40.2	60.4

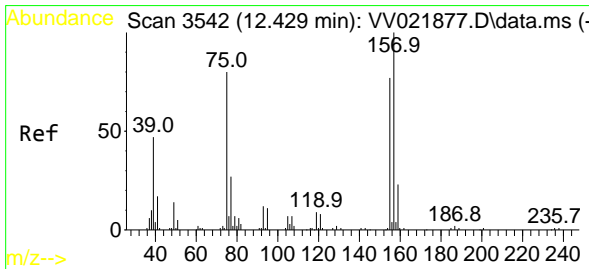
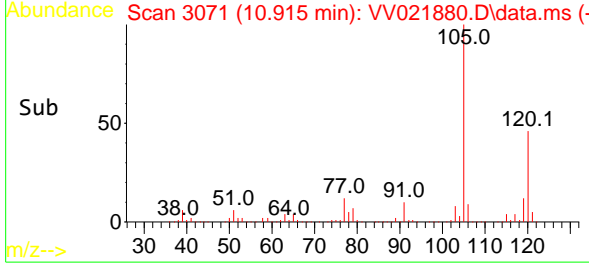
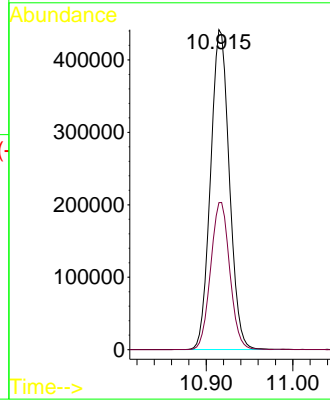
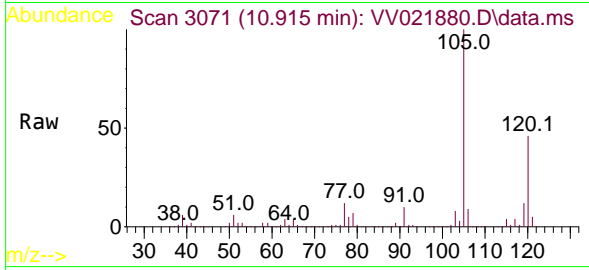




#63
 1,2,4-Trimethylbenzene
 Concen: 53.204 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

Instrument : MSVOA_V
 ClientSampled : DBKA9

Tgt Ion:105 Resp: 666134
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.3 55.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 38.663 ug/L
 RT: 12.464 min Scan# 3553
 Delta R.T. 0.036 min
 Lab File: VV021880.D
 Acq: 19 Aug 2021 10:48

Tgt Ion: 75 Resp: 38022
 Ion Ratio Lower Upper
 75 100
 155 0.0 77.8 116.8#
 157 0.0 99.4 149.0#

