Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022079.D
Acq On : 02 Sep 2021 16:35
Operator : SY/MD
Sample : M3608-02DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 03 01:02:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 03 00:59:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	387368	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	360700	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	196161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104189	38.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.680%			
7) Chloroethane-d5	1.565	69	76100	36.326	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.660%			
11) 1,1-Dichloroethene-d2	2.105	63	141088	31.802	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.600%			
21) 2-Butanone-d5	3.883	46	172733	93.889	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.890%			
24) Chloroform-d	4.349	84	209288	42.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.580%			
26) 1,2-Dichloroethane-d4	5.034	65	130648	45.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.700%			
32) Benzene-d6	5.053	84	435040	44.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.940%			
36) 1,2-Dichloropropane-d6	6.072	67	136715	44.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.860%			
41) Toluene-d8	7.317	98	414795	44.914	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.820%			
43) trans-1,3-Dichloroprop...	7.622	79	63371	43.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.540%			
47) 2-Hexanone-d5	8.088	63	127429	107.941	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.940%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	192797	48.927	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.860%			
66) 1,2-Dichlorobenzene-d4	11.625	152	172358	44.695	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.400%			
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	12442	1.449	ug/L	99
33) Benzene	5.105	78	95292	9.080	ug/L	100
35) Methylcyclohexane	6.072	83	32545	7.489	ug/L #	21
39) cis-1,3-Dichloropropene	6.995	75	4383	1.044	ug/L #	64
42) Toluene	7.391	91	140396	12.395	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	2801	0.717	ug/L #	81
52) Ethylbenzene	9.014	91	691088	56.365	ug/L	98
53) m,p-Xylene	9.140	106	90240	18.936	ug/L	100
54) o-Xylene	9.545	106	52513	11.137	ug/L	100
55) Styrene	9.567	104	12784	1.589	ug/L	92
62) 1,3,5-Trimethylbenzene	10.542	105	36979	3.574	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	117184	11.141	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.464	75	6156	7.513	ug/L #	1
71) Naphthalene	13.506	128	11756399	992.815	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	2547	0.634	ug/L #	93

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

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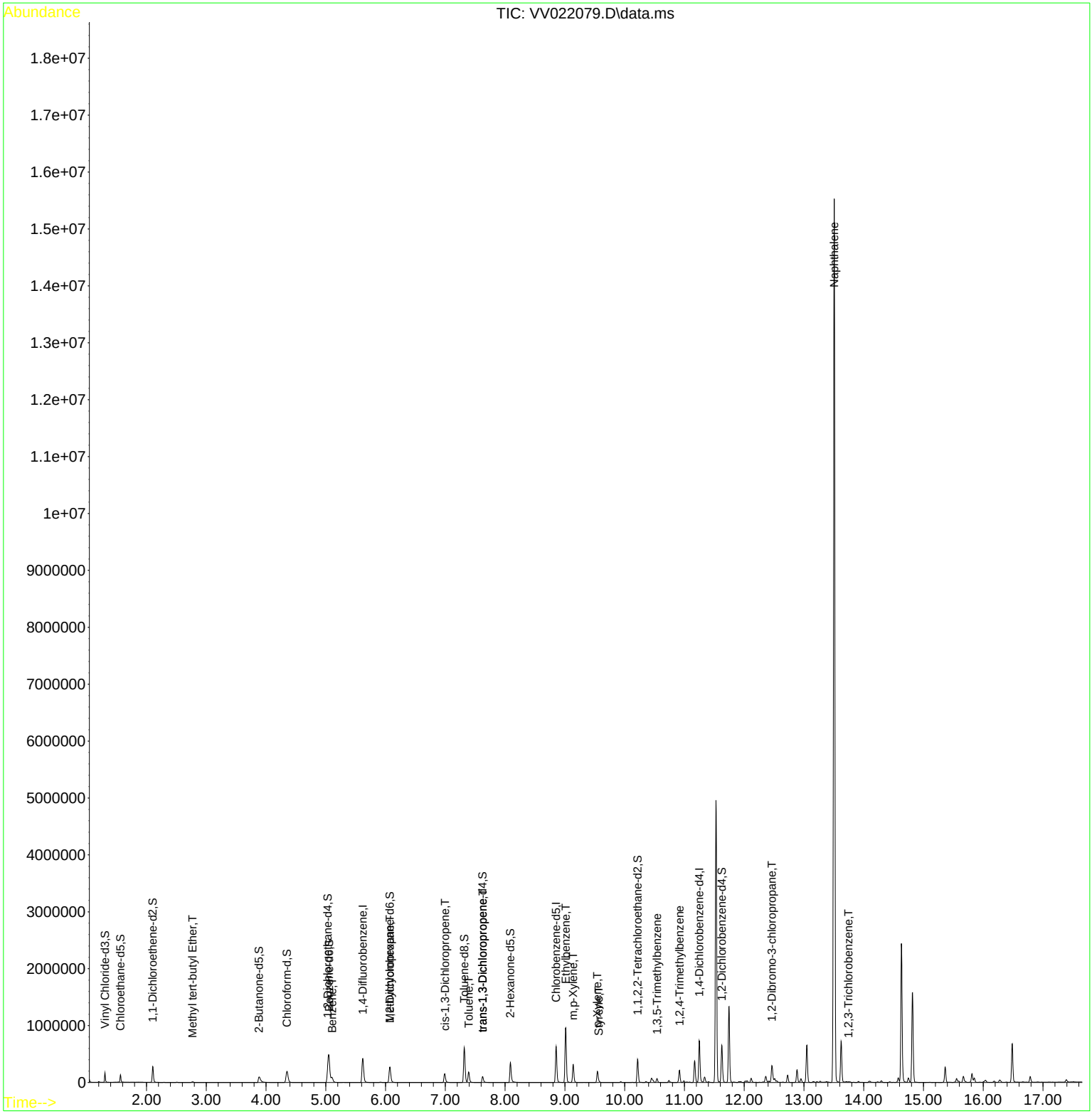
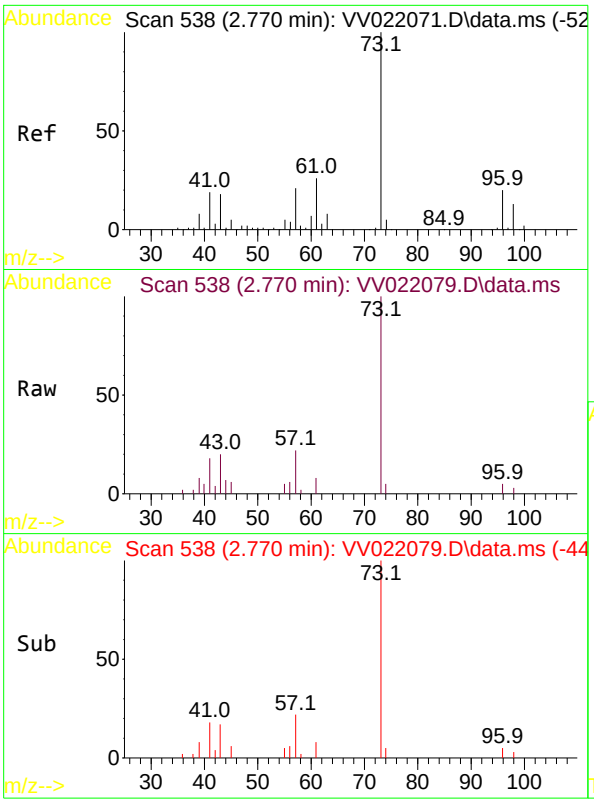
Acq On : 02 Sep 2021 16:35
Operator : SY/MD
Sample : M3608-02DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 03 01:02:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 03 00:59:14 2021
Response via : Initial Calibration



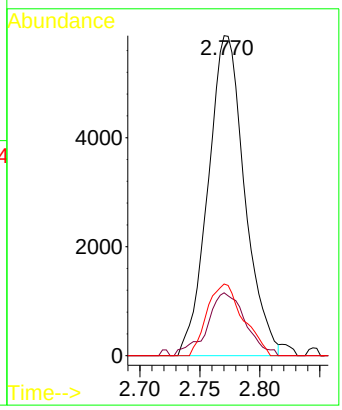
Instrument :
MSVOA_V
ClientSampleId :

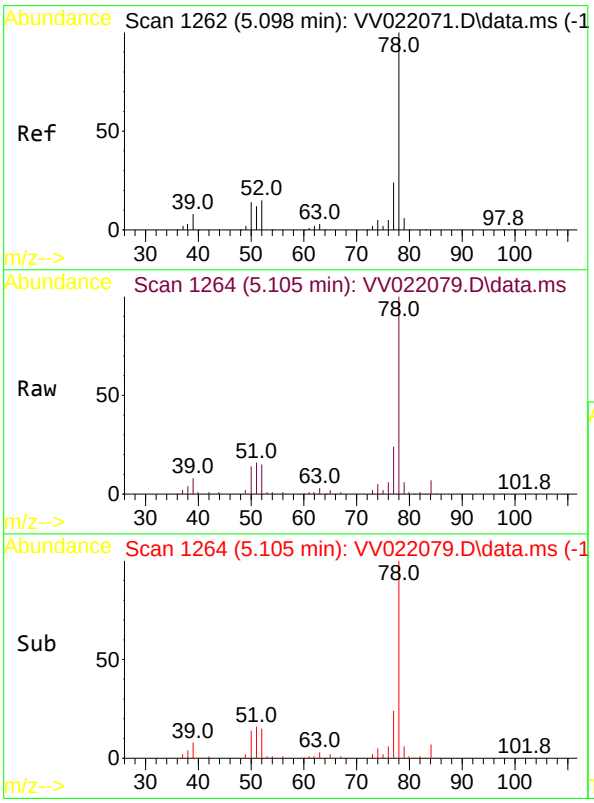


#18
Methyl tert-butyl Ether
Concen: 1.449 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion: 73 Resp: 12442

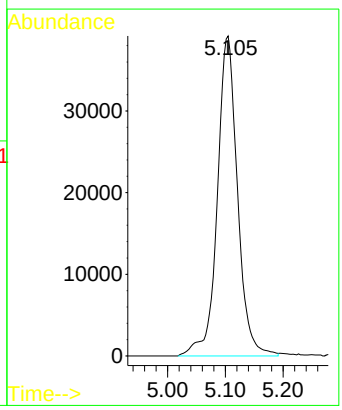
Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.8	20.6
57	22.1	17.1	25.7

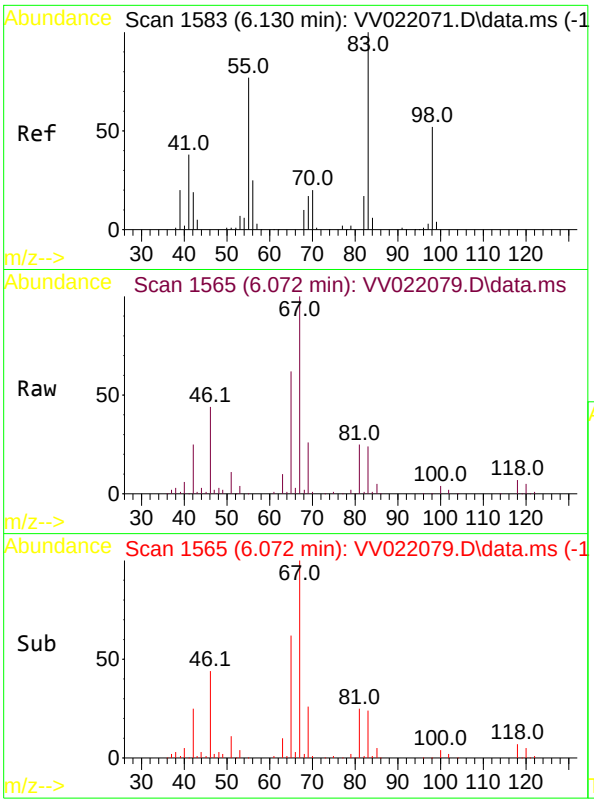




#33
Benzene
Concen: 9.080 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion: 78 Resp: 95292

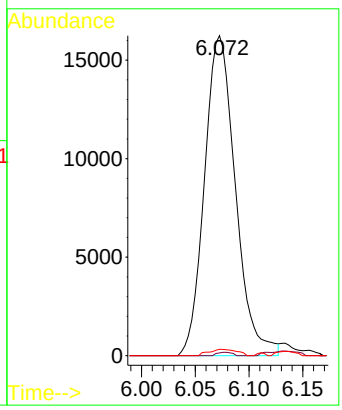




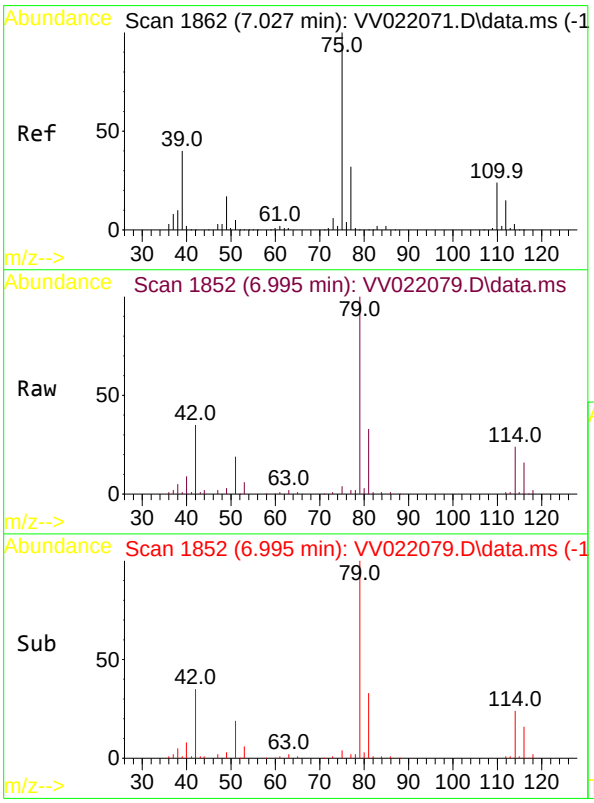
#35
Methylcyclohexane
Concen: 7.489 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion: 83 Resp: 32545

Ion	Ratio	Lower	Upper
83	100		
55	0.5	56.8	85.2#
98	1.8	39.9	59.9#



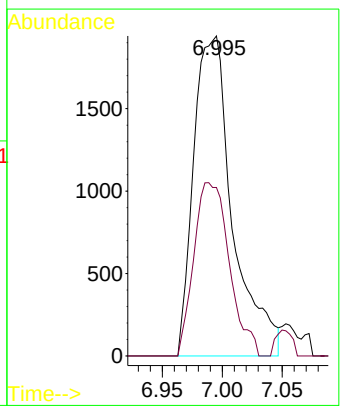
Instrument :
MSVOA_V
ClientSampleId :

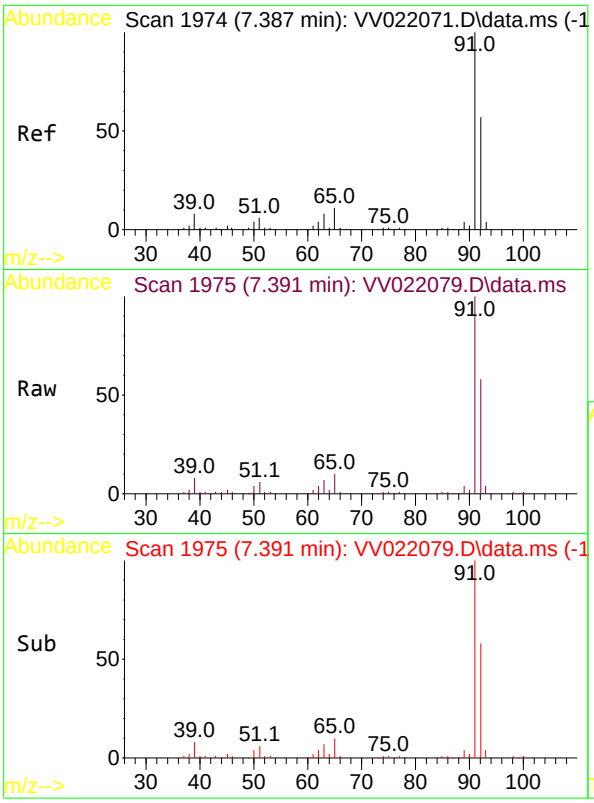


#39
cis-1,3-Dichloropropene
Concen: 1.044 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.032 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion: 75 Resp: 4383

Ion	Ratio	Lower	Upper
75	100		
77	52.7	22.7	42.1#

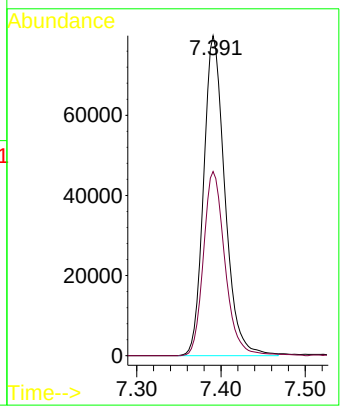




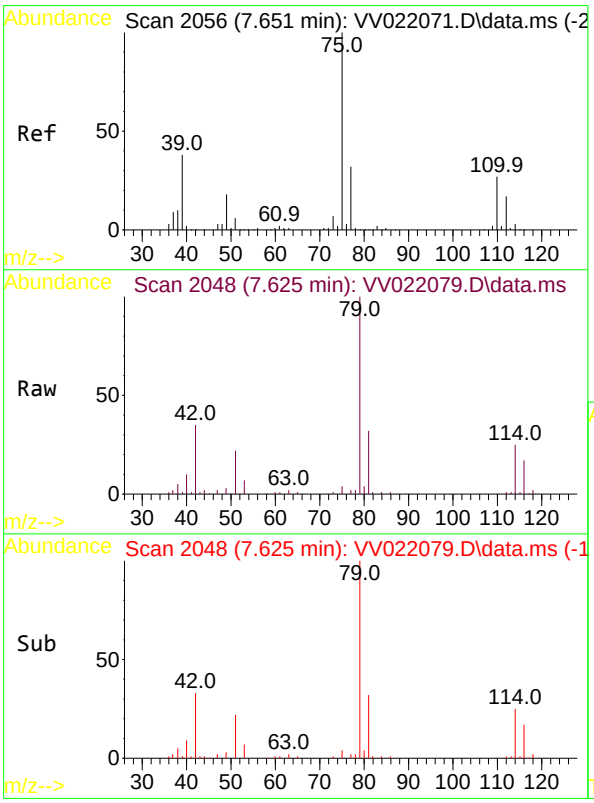
#42
Toluene
Concen: 12.395 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion: 91 Resp: 140396

Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.3	74.8



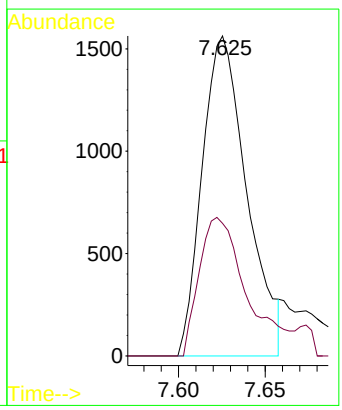
Instrument :
MSVOA_V
ClientSampleId :



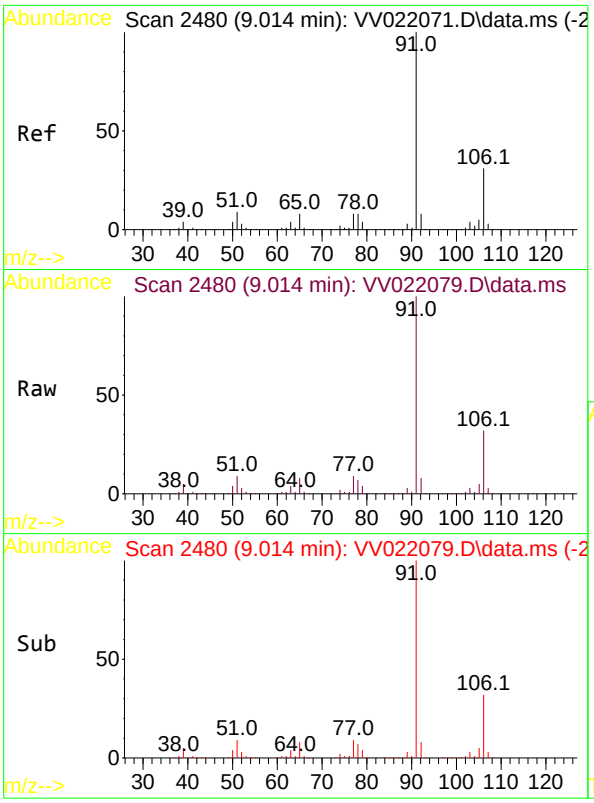
#44
trans-1,3-Dichloropropene
Concen: 0.717 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion: 75 Resp: 2801

Ion	Ratio	Lower	Upper
75	100		
77	41.5	21.8	40.6#



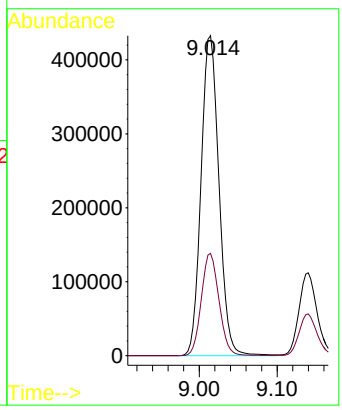
Instrument :
MSVOA_V
ClientSampleId :

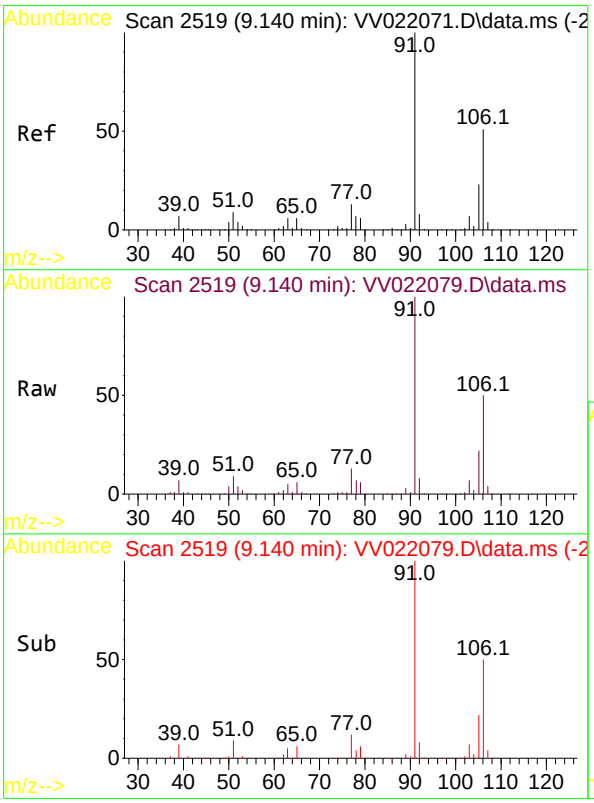


#52
Ethylbenzene
Concen: 56.365 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion: 91 Resp: 691088

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.7	40.3

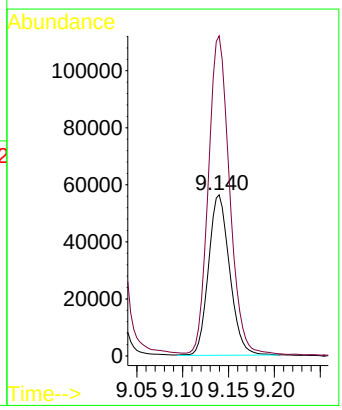


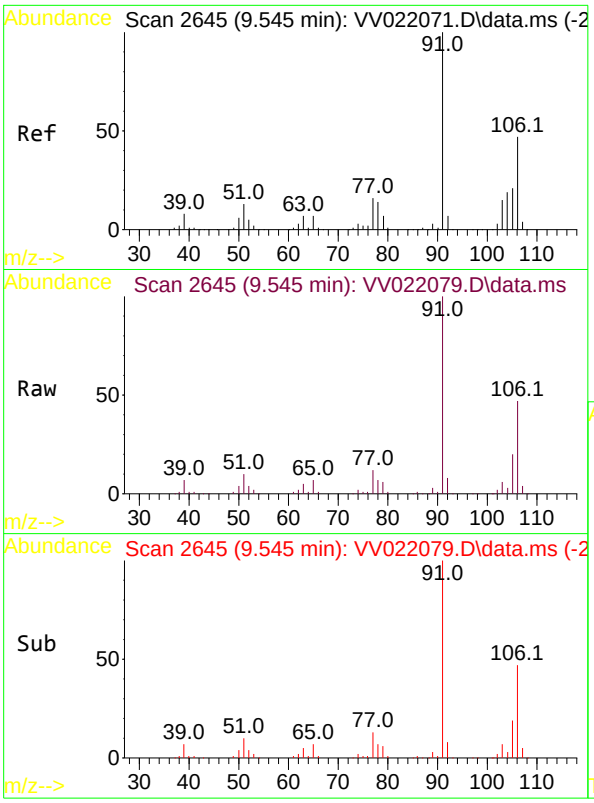


#53
m,p-Xylene
Concen: 18.936 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:106 Resp: 90240

Ion	Ratio	Lower	Upper
106	100		
91	198.7	139.1	258.3

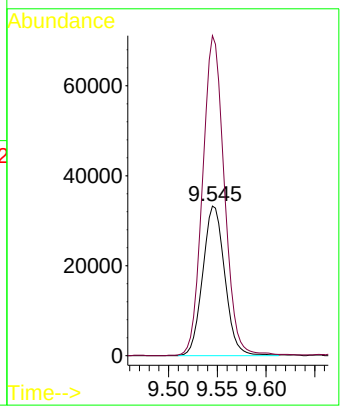




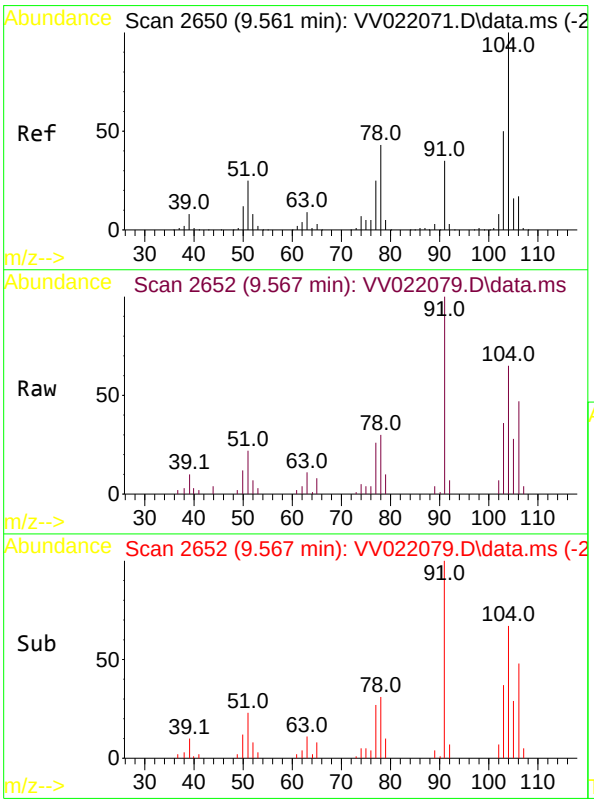
#54
o-Xylene
Concen: 11.137 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:106 Resp: 52513

Ion	Ratio	Lower	Upper
106	100		
91	213.9	150.1	278.9



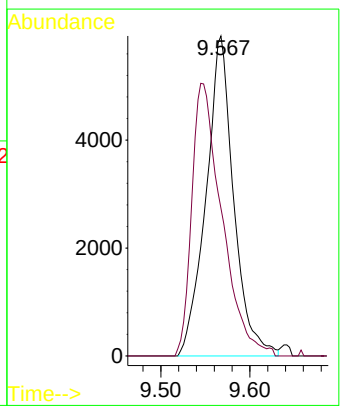
Instrument :
MSVOA_V
ClientSampleId :



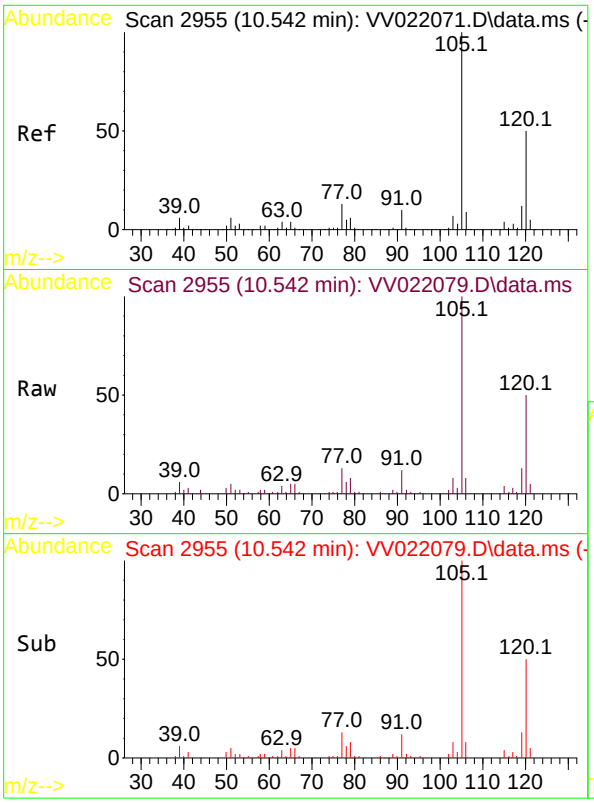
#55
Styrene
Concen: 1.589 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.007 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:104 Resp: 12784

Ion	Ratio	Lower	Upper
104	100		
78	46.2	28.6	53.2



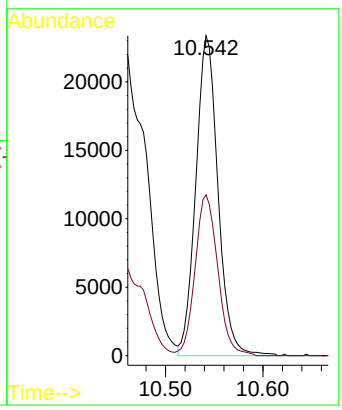
Instrument :
MSVOA_V
ClientSampleId :

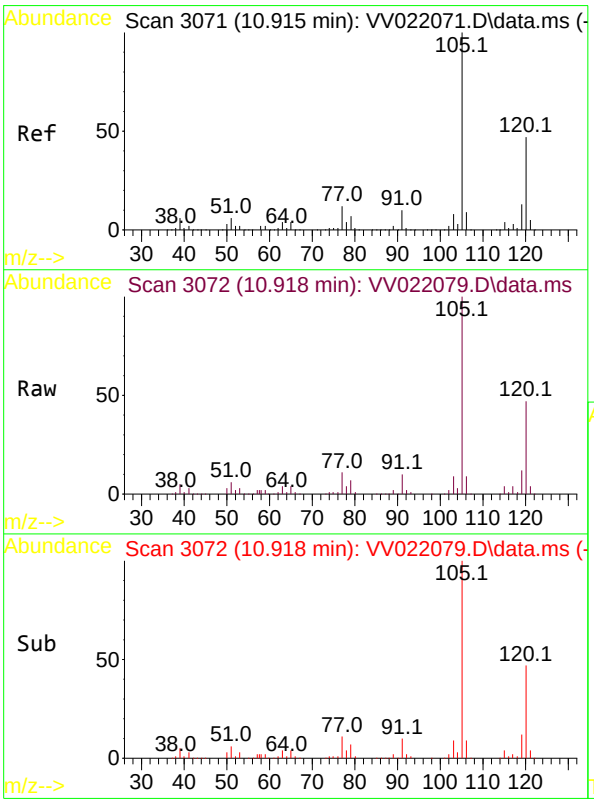


#62
1,3,5-Trimethylbenzene
Concen: 3.574 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:105 Resp: 36979

Ion	Ratio	Lower	Upper
105	100		
120	51.5	39.6	59.4

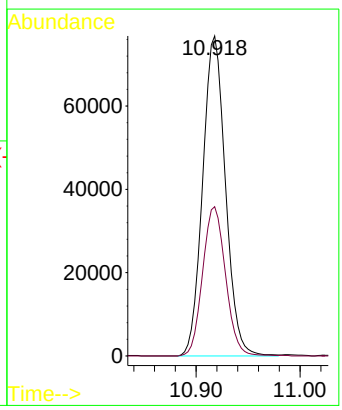




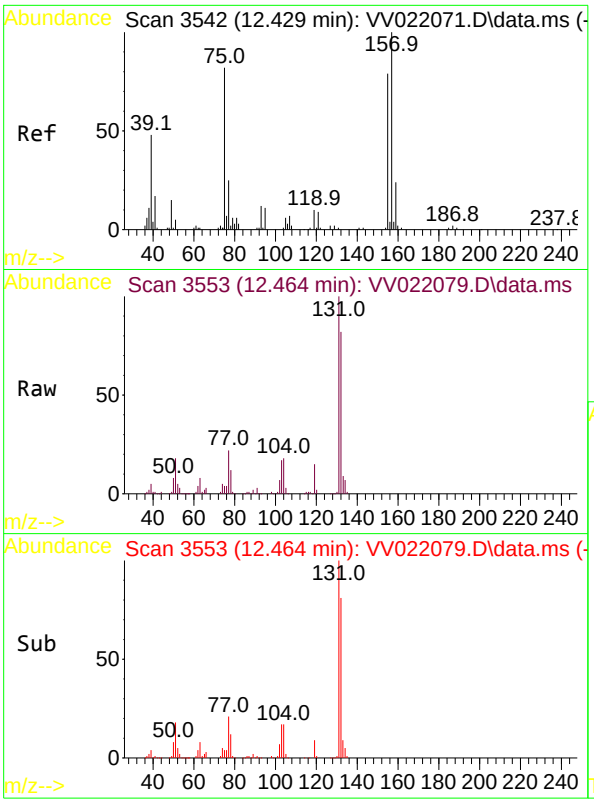
#63
1,2,4-Trimethylbenzene
Concen: 11.141 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:105 Resp: 117184

Ion	Ratio	Lower	Upper
105	100		
120	46.8	37.4	56.0



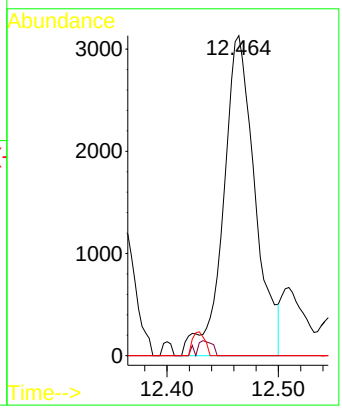
Instrument :
MSVOA_V
ClientSampleId :

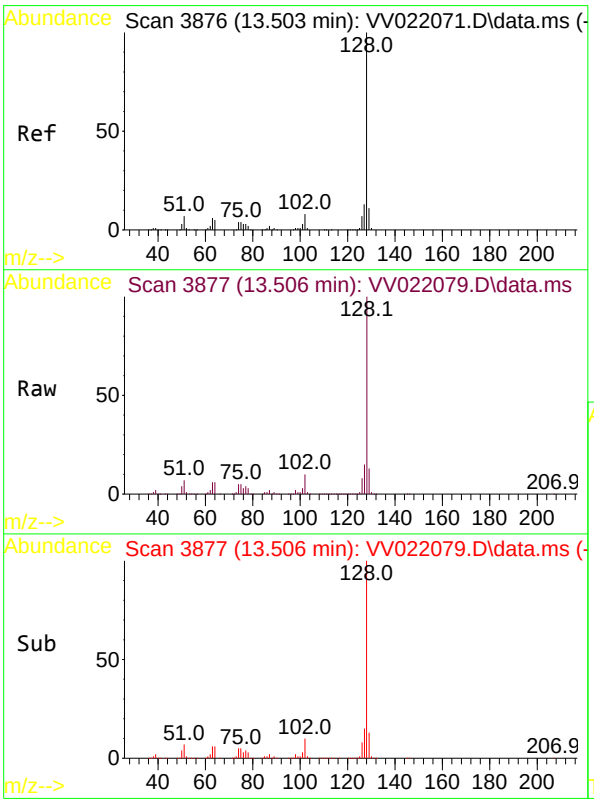


#68
1,2-Dibromo-3-chloropropane
Concen: 7.513 ug/L
RT: 12.464 min Scan# 3553
Delta R.T. 0.035 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion: 75 Resp: 6156

Ion	Ratio	Lower	Upper
75	100		
155	0.0	79.8	119.6#
157	0.0	98.3	147.5#

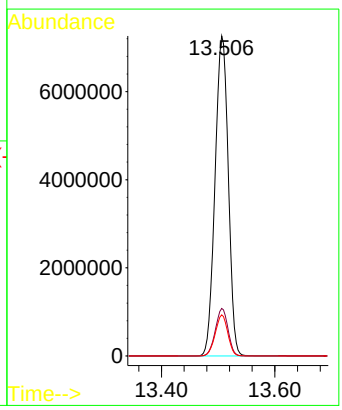


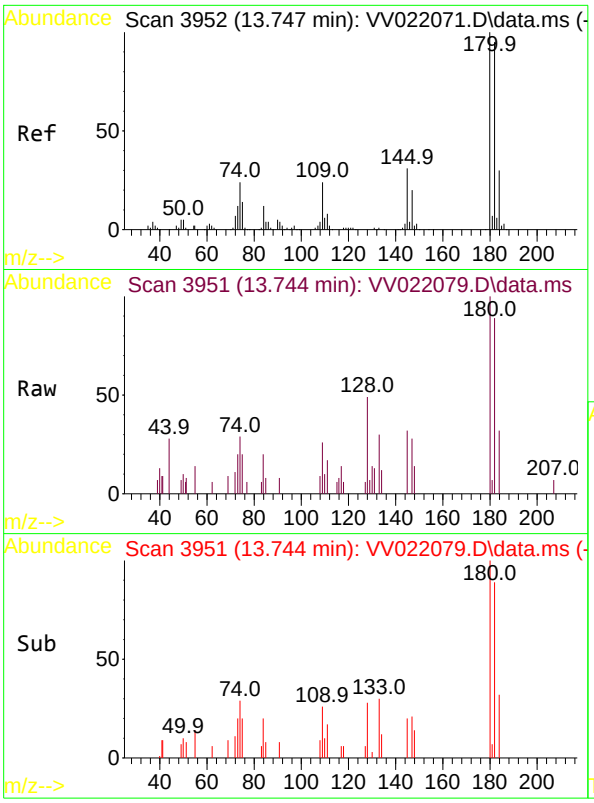


#71
Naphthalene
Concen: 992.815 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:128 Resp:11756399

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.1	15.1
129	12.2	8.7	13.1

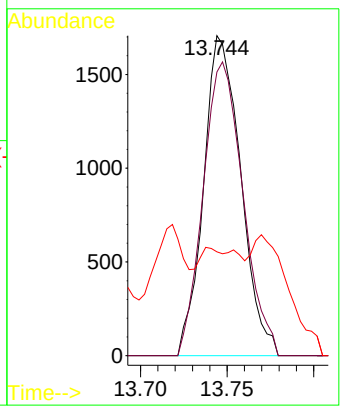




#72
1,2,3-Trichlorobenzene
Concen: 0.634 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV022079.D
Acq: 02 Sep 2021 16:35

Tgt Ion:180 Resp: 2547

Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.3	114.5
145	21.0	25.4	38.0#



Instrument :
MSVOA_V
ClientSampleId :